

ΑΡΙΣΤΟΤΕΛΕΙΟ ΠΑΝΕΠΙΣΤΗΜΙΟ ΑΡΙΣΤΟΤΛΕ UNIVERSITY
ΘΕΣΣΑΛΟΝΙΚΗΣ OF THESSALONIKI

ΠΟΛΥΤΕΧΝΙΚΗ ΣΧΟΛΗ SCHOOL OF ENGINEERING

ΒΙΒΛΙΟΓΡΑΦΙΑ PUBLICATIONS

2001 – 2006

ΘΕΣΣΑΛΟΝΙΚΗ, ΔΕΚΕΜΒΡΙΟΣ 2007 THESSALONIKI, DECEMBER 2007

ΕΠΙΜΕΛΕΙΑ:	Καραγιαννίδης	Τμήμα Μηχανολόγων Μηχανικών
	Αβραάμ	
	Σιδηροπούλου	Τμήμα Χημικών Μηχανικών
	Ευμορφίλη	
	Κωτσάκης	Τμήμα Αγρονόμων Τοπογράφων Μηχανικών
	Χριστόφορος	Τμήμα Ηλεκτρολόγων Μηχανικών και Μηχανικών Υπολογιστών
	Δημάκης Χρήστος	Γενικό Τμήμα
	Ρόθος Βασίλης	Τμήμα Αρχιτεκτόνων Μηχανικών
	Μαρτινίδης Πέτρος	Τμήμα Πολιτικών Μηχανικών
ΣΥΝΤΑΞΗ:	Κολτσάκης Ευθύμιος	
	Κοτρίκλας Γεώργιος	Τμήμα Μηχανολόγων Μηχανικών
	Σωτηριάδης Λάζαρος	Τμήμα Μηχανολόγων Μηχανικών

Πρόλογος

Οι επιστημονικές εργασίες αποτελούν καθοριστικό κριτήριο καταξίωσης ενός ακαδημαϊκού δασκάλου, ιδιαίτερα όταν δημοσιεύονται σε ευρείας κυκλοφορίας περιοδικά με σύστημα κριτών. Κατά κανόνα, οι εργασίες αυτές αντανakλούν τις επιδόσεις στην έρευνα, που στην περίπτωση των μελών της Πολυτεχνικής Σχολής είναι συγκρίσιμες με αυτές φημισμένων Πολυτεχνείων του εξωτερικού.

Ο βιβλιογραφικός οδηγός αυτός είναι ο τρίτος που εκδίδει η Πολυτεχνική Σχολή, μετά από ανάλογες προσπάθειες το 1992 και το 2000. Περιλαμβάνει τις εργασίες ταξινομημένες κατά Τμήμα και έτος, με διάκριση των κατηγοριών (άρθρα σε περιοδικά με κριτές, άρθρα σε πρακτικά συνεδρίων με κριτές, βιβλία, άρθρα σε βιβλία, έκδοση πρακτικών συνεδρίων, άλλες δημοσιεύσεις και ευρεσιτεχνίες) για τη χρονική περίοδο 2001-2006.

Με την αρχειοθέτηση των επιστημονικών εργασιών των μελών της Σχολής επιτυγχάνεται η ενημέρωση συναδέλφων, εντός και εκτός της Σχολής, σχετικά με τα επιμέρους επιστημονικά πεδία που θεραπεύονται στα Εργαστήρια και τους Τομείς των Τμημάτων της Σχολής. Παράλληλα, διευκολύνεται η αναζήτηση βιβλιογραφικών πηγών από πλευράς φοιτητών, αλλά και ερευνητών που δραστηριοποιούνται σε συναφή αντικείμενα. Τέλος, το συγκεντρωμένο υλικό υποδηλώνει την αδιάλειπτη παρουσία της Σχολής και την πρωτοπορία της σε ένα ευρύ φάσμα περιοχών ενδιαφέροντος του Μηχανικού.

Η συγκέντρωση, ομογενοποίηση και ταξινόμηση των εργασιών αποτέλεσε ένα επίπονο έργο, στο οποίο ουσιαστικό ρόλο έπαιξαν οι συνεργάτες μου Γιώργος Κοτρίκλας και Λάζαρος Σωτηριάδης. Την επιμέλεια της συλλογής στα επιμέρους Τμήματα είχαν οι συνάδελφοι Χρήστος Δημάκης, Αβραάμ Καραγιαννίδης, Ευθύμιος Κολτσάκης, Χριστόφορος Κωτσάκης, Πέτρος Μαρτινίδης, Βασίλης Ρόθος και Ευμορφίλη Σιδηροπούλου. Ευχαριστώ όλους τους προαναφερόμενους για την άριστη συνεργασία και, επωφελούμενος της ευκαιρίας, συγχαίρω τα μέλη της Σχολής για το υψηλό επίπεδο της δουλειάς τους που προκύπτει αδιάψευστα από την ποσότητα και ποιότητα του περιεχομένου του ανά χείρας οδηγού.

Καθηγητής Νικόλαος Σ. Μουσιόπουλος
Κοσμήτορας Πολυτεχνικής Σχολής

Preface

Scientific publications are a decisive criterion for the maturity of the academic personnel in a university, especially when they appear in widely distributed peer-reviewed journals. Normally, these publications reflect the faculty's research capabilities which in case of the School of Engineering are comparable to those of reputed foreign Technical Universities.

This scientific literature catalogue is the third of its kind, after similar editions in 1992 and in 2000. It contains all publications for each Department of the School and each year, in groups according to the publication type (papers in journals, contributions in conference proceedings, books, articles in books, edited conference proceedings, other publications, patents) for the period 2001-2006.

A scientific literature archive provides to the scientific community useful information on the individual areas of expertise of Laboratories and Divisions in the individual Departments. Furthermore, it simplifies literature surveys by students and researchers active in corresponding fields. Finally, the material collected underlines the continuous efforts of our School and its leading role in a wide range of disciplines in Engineering.

Assembling, formatting and classifying of the scientific publications proved to be a hard task, successfully fulfilled by my co-workers George Kotrikas and Lazaros Sotiriadis. The colleagues Christos Dimakis, Avraam Karagiannidis, Efthimios Koltsakis, Christopher Kotsakis, Petros Martinidis, Vassilis Rothos and Evmorfili Sidiropoulou had a substantial role in the collection of material in the individual Departments. Many thanks to all of them for the excellent collaboration, and congratulations to all members of the School of Engineering for the high standards of their scientific work manifested by the quantity and quality of the catalogue's contents.

Professor Nocolas Moussiopoulos
Dean of the School of Engineering

Περιεχόμενα

ΠΡΟΛΟΓΟΣ	4
PREFACE	5
ΠΕΡΙΕΧΟΜΕΝΑ	6
ΤΜΗΜΑ ΜΗΧΑΝΟΛΟΓΩΝ ΜΗΧΑΝΙΚΩΝ	12
ΑΡΘΡΑ ΣΕ ΠΕΡΙΟΔΙΚΑ ΜΕ ΚΡΙΤΕΣ	12
2001	12
2002	17
2002	20
2003	21
2004	28
2005	35
2006	39
ΑΡΘΡΑ ΣΕ ΠΡΑΚΤΙΚΑ ΣΥΝΕΔΡΙΩΝ ΜΕ ΚΡΙΤΕΣ	45
2001	45
2002	55
2003	76
2004	84
2005	95
2006	122
ΒΙΒΛΙΑ	136
2001	136
2002	136
2003	136
2004	136
2005	136
2006	137
ΑΡΘΡΑ ΣΕ ΒΙΒΛΙΑ	138
2001	138
2002	138
2003	139
2004	140
2005	141
2006	142
ΕΚΔΟΣΗ ΠΡΑΚΤΙΚΩΝ ΣΥΝΕΔΡΙΩΝ	143
2002	143
2005	143
2006	143
ΑΛΛΕΣ ΔΗΜΟΣΙΕΥΣΕΙΣ	144
2001	144
2002	144
2003	145
2004	146
2005	146
2006	148
ΕΥΡΕΣΙΤΕΧΝΙΕΣ	149
2004	149
2006	149
ΤΜΗΜΑ ΧΗΜΙΚΩΝ ΜΗΧΑΝΙΚΩΝ	150

ΑΡΘΡΑ ΣΕ ΠΕΡΙΟΔΙΚΑ ΜΕ ΚΡΙΤΕΣ.....	150
2001	150
2002	154
2003	158
2004	163
2005	168
2006	175
ΑΡΘΡΑ ΣΕ ΠΡΑΚΤΙΚΑ ΣΥΝΕΔΡΙΩΝ ΜΕ ΚΡΙΤΕΣ.....	183
2001	183
2002	189
2003	192
2004	198
2005	204
2006	214
ΒΙΒΛΙΑ.....	222
2001	222
2004	222
2006	222
ΑΡΘΡΑ ΣΕ ΒΙΒΛΙΑ.....	223
2001	223
2002	223
2003	223
2004	224
2005	224
2006	224
ΕΚΔΟΣΗ ΠΡΑΚΤΙΚΩΝ ΣΥΝΕΔΡΙΩΝ	226
2001	226
2002	228
2003	230
2004	234
2005	237
2006	242
ΑΛΛΕΣ ΔΗΜΟΣΙΕΥΣΕΙΣ.....	248
2001	248
2002	248
2003	249
2004	249
2005	250
2006	251
ΕΥΡΕΣΙΤΕΧΝΙΕΣ	252
2003	252
2004	252
2006	252
ΤΜΗΜΑ ΑΡΧΙΤΕΚΤΟΝΩΝ ΜΗΧΑΝΙΚΩΝ	253
ΑΡΘΡΑ ΣΕ ΠΕΡΙΟΔΙΚΑ ΜΕ ΚΡΙΤΕΣ.....	253
2001	253
2002	253
2003	253
2004	253
2005	254
2006	254

ΑΡΘΡΑ ΣΕ ΠΡΑΚΤΙΚΑ ΣΥΝΕΔΡΙΩΝ ΜΕ ΚΡΙΤΕΣ.....	255
2001	255
2002	255
2003	255
2004	256
2005	256
2006	258
ΒΙΒΛΙΑ.....	259
2001	259
2002	259
2004	259
2006	259
ΑΡΘΡΑ ΣΕ ΒΙΒΛΙΑ.....	260
2001	260
2003	260
2004	261
2005	261
2006	262
ΕΚΔΟΣΗ ΠΡΑΚΤΙΚΩΝ ΣΥΝΕΔΡΙΩΝ.....	263
2005	263
2006	263
ΑΛΛΕΣ ΔΗΜΟΣΙΕΥΣΕΙΣ.....	264
2002	264
2003	264
2004	264
2005	264
2006	264
ΓΕΝΙΚΟ ΤΜΗΜΑ.....	266
ΑΡΘΡΑ ΣΕ ΠΕΡΙΟΔΙΚΑ ΜΕ ΚΡΙΤΕΣ.....	266
2001	266
2002	267
2003	268
2004	269
2005	271
2006	272
ΑΡΘΡΑ ΣΕ ΠΡΑΚΤΙΚΑ ΣΥΝΕΔΡΙΩΝ ΜΕ ΚΡΙΤΕΣ.....	274
2001	274
2002	275
2003	276
2004	277
2005	277
2006	278
ΑΡΘΡΑ ΣΕ ΒΙΒΛΙΑ	279
2001	279
2002	279
2003	279
2004	280
2005	280
2006	280
ΑΛΛΕΣ ΔΗΜΟΣΙΕΥΣΕΙΣ.....	281
2001	281

2002	281
ΤΜΗΜΑ ΑΓΡΟΝΟΜΩΝ ΤΟΠΟΓΡΑΦΩΝ ΜΗΧΑΝΙΚΩΝ	282
ΑΡΘΡΑ ΣΕ ΠΕΡΙΟΔΙΚΑ ΜΕ ΚΡΙΤΕΣ	282
2001	282
2002	283
2003	285
2004	286
2005	288
2006	289
ΑΡΘΡΑ ΣΕ ΠΡΑΚΤΙΚΑ ΣΥΝΕΔΡΙΩΝ ΜΕ ΚΡΙΤΕΣ.....	291
2001	291
2002	296
2003	304
2004	310
2005	318
2006	328
ΒΙΒΛΙΑ.....	337
2002	337
2003	337
2005	337
2006	337
ΑΡΘΡΑ ΣΕ ΒΙΒΛΙΑ.....	338
2003	338
2004	339
2005	339
2006	340
ΕΚΔΟΣΗ ΠΡΑΚΤΙΚΩΝ ΣΥΝΕΔΡΙΩΝ	341
2001	341
2002	341
2003	341
2004	342
2005	342
2006	343
ΑΛΛΕΣ ΔΗΜΟΣΙΕΥΣΕΙΣ.....	344
2001	344
2002	344
2003	345
2004	346
2005	348
2006	349
ΤΜΗΜΑ ΠΟΛΙΤΙΚΩΝ ΜΗΧΑΝΙΚΩΝ.....	351
ΑΡΘΡΑ ΣΕ ΠΕΡΙΟΔΙΚΑ ΜΕ ΚΡΙΤΕΣ.....	351
2001	351
2002	355
2003	358
2004	361
2005	367
2006	370
ΑΡΘΡΑ ΣΕ ΠΡΑΚΤΙΚΑ ΣΥΝΕΔΡΙΩΝ ΜΕ ΚΡΙΤΕΣ.....	375
2001	375
2002	387

2003	398
2004	409
2005	421
2006	437
ΒΙΒΛΙΑ.....	458
2001	458
2002	458
2003	459
2004	459
2005	459
2006	460
ΑΡΘΡΑ ΣΕ ΒΙΒΛΙΑ.....	461
2001	461
2002	461
2003	461
2004	462
2005	462
2006	462
ΕΚΔΟΣΗ ΠΡΑΚΤΙΚΩΝ ΣΥΝΕΔΡΙΩΝ.....	465
2001	465
2002	465
2003	465
2004	466
2005	467
2006	467
ΑΛΛΕΣ ΔΗΜΟΣΙΕΥΣΕΙΣ.....	469
2001	469
2002	470
2003	472
2004	474
2005	476
2006	476
ΤΜΗΜΑ ΗΛΕΚΤΡΟΛΟΓΩΝ ΜΗΧΑΝΙΚΩΝ ΚΑΙ ΜΗΧΑΝΙΚΩΝ ΥΠΟΛΟΓΙΣΤΩΝ	479
ΑΡΘΡΑ ΣΕ ΠΕΡΙΟΔΙΚΑ ΜΕ ΚΡΙΤΕΣ.....	479
2001	479
2002	482
2003	485
2004	489
2005	493
2006	498
ΑΡΘΡΑ ΣΕ ΠΡΑΚΤΙΚΑ ΣΥΝΕΔΡΙΩΝ ΜΕ ΚΡΙΤΕΣ.....	504
2001	504
2002	507
2003	513
2004	519
2005	523
2006	528
ΒΙΒΛΙΑ.....	534
2001	534
2002	534
2003	534
2004	534

2005	534
2006	534
ΑΡΘΡΑ ΣΕ ΒΙΒΛΙΑ.....	536
2001	536
2002	536
2003	536
2005	536
2006	537
ΕΚΔΟΣΗ ΠΡΑΚΤΙΚΩΝ ΣΥΝΕΔΡΙΩΝ.....	538
2003	538
2004	538
ΆΛΛΕΣ ΔΗΜΟΣΙΕΥΣΕΙΣ.....	539
2001	539
2002	539
2003	539
2004	540
2005	540
2006	542
ΕΥΡΕΣΙΤΕΧΝΙΕΣ	543
2005	543

Τμήμα Μηχανολόγων Μηχανικών

Άρθρα σε περιοδικά με κριτές

2001

Bouzakis K., Michailidis N., Hadjiyiannis S., Efstathiou K., Pavlidou E., Erkens G., Rambadt S. and Wirth I., 2001, Improvement of PVD coated inserts cutting performance through appropriate mechanical treatments of substrate and coating surface, *International Journal Surface & Coatings Technology*, 146-147, 443-450.

Bouzakis K., Michailidis N., Vidakis N. and Efstathiou K., 2001, Failure mechanisms of physically vapour deposited coated hardmetal cutting inserts in turning, *Journal Wear*, 248, 29-37.

Bouzakis K.-D. and Andreadis G., 2001, An integrated process planning system based on feature recognition and machinability criteria, *International Journal for Manufacturing Science, Technology*, 3, 2, 80-91.

Bouzakis K.-D., A. Lontos, V. Kechagias: Creep behaviour prediction and optimum design of plasma sprayed coatings with intermediate bonding layer. *Surface and Coatings Technology*, 142-144 (2001) 283-289.

Bouzakis K.-D., Lontos A., Kechagias V.: Determination of creep and fracture mechanisms of multilayer thick coatings produced through the plasma spray method, by means of the impact tester. *Surface and Coatings Technology*, 142-144(2001), pp.283-289.

Bouzakis K.-D., Michailidis N., Erkens G., Thin hard coatings stress-strain curves determination through a FEM supported evaluation of nanoindentation results, *Surface and Coatings Technology*, 142-144 (2001) 102-109.

Bouzakis K.-D., Michailidis N., Erkens G.: Thin hard coatings stress-strain curves determination through a FEM supported evaluation of nanoindentation test results. *Surface and Coatings Technology*, 142-144(2001), pp.102-109.

Bouzakis K.-D., Michailidis N., Hadjiyiannis S., Efstathiou K., Pavlidou E., Erkens G., Rambadt S., I. Wirth, Improvement of PVD coated inserts cutting performance, through appropriate mechanical treatments of substrate and coating surface, *Surface and Coating Technologies*, 146-147 (2001) 443-450.

Bouzakis K.-D., Michailidis N., Hadjiyiannis S., Pavlidou E., Erkens G., An effective way to improve the cutting performance of coated tools through annealing, *Surface and Coating Technologies*, 146-147 (2001) 436-442.

Bouzakis K.-D., Michailidis N., Hadjiyiannis S., Pavlidou E., Erkens G.: An effective way to improve the cutting performance of coated tools through annealing. *Surface and Coatings Technology*, 146-147 (2001), pp. 436-442

Bouzakis K.-D., Michailidis N., Lontos A., Siganos A., Hadjiyiannis S., Giannopoulos G., Maliaris G., Leyendecker T., Erkens G.: Coating dynamic cohesion, adhesion and creep properties characterization through the impact tester. "Zeitschrift fuer Metallkunde", Vol. 92, 2001, pp. 1180-1185.

Bouzakis K.-D., Michailidis N., Lontos A., Siganos A., Hadjiyiannis S., Giannopoulos G., Maliaris G., Leyentecker T., Erkens G., Characterization of Cohesion, Adhesion and Creep-Properties of Dynamically Loaded Coatings through the Impact Tester, Zeitschrift fuer Metallkunde, 92 (2001) 1180-1185.

Bouzakis K.-D., Michailidis N., Vidakis N., Efstathiou K., Failure mechanisms of physically vapour deposited coated hardmetal cutting inserts in turning, WEAR, 248 (2001) 29-37.

Bouzakis K.-D., Michailidis N., Vidakis N., Efstathiou K.: Failure mechanisms of physically vapour deposited coated hardmetall cutting inserts in turning. Wear, 248 (2001) pp.29-37.

Bouzakis K.-D. and Paraskevopoulou R., 2001, Feature based continuous cutting conditions optimization on the tool path in 2 ½ axis milling, International Journal for Manufacturing Science & Production, 4, 1, 17-26.

Clai G., Berkowicz R., Duering I., Ketzell M., Lohmeyer A., Moussiopoulos N. and Papalexioyi S., 2001, Proposal for the calculation of the high percentiles of concentrations necessary for the execution of directive 1999/30/EU, International Journal of Environment and Pollution, 16, 451-459.

De Leeuw F., Moussiopoulos N., Sahm P. and Bartonova A., 2001, Urban air quality in larger conurbations in the European Union, Environmental Modelling and Software, 16, 399-414.

Iakovou E. and Douligeris C., 2001, An Information Management System for Emergency Management of Hurricane Disasters, International Journal of Risk Assessment and Management 2, 3/4, 243-262.

Iakovou E. and Pachon J., 2001, Optimization of the Transportation System at A University Campus: A Continuous Improvement Quality Management Methodology, Quality Engineering 13, 3, 427-435.

Iakovou E., 2001, An Interactive Multi-objective Model for the Maritime Transportation of Petroleum Products: Risk Analysis and Routing, Safety Science 39, 19-29.

Karagiannidis A., Perkoulidis G. and Moussiopoulos N., 2001, Multi-objective ranking of Pareto-optimal scenarios for regional solid waste management in Central Greece, Operational Research, an international journal, 1, 225-240.

Karagiannidis A., Perkoulidis G. and Moussiopoulos N., 2001, Multi-objective ranking of Pareto-optimal scenarios for regional solid waste management in Central Greece, Operational Research. An international journal 1, 3, 225-240.

Karatzas K., Moussiopoulos N. and Papadopoulos A. 2001, Web-based tools for environmental management, *Environmental Management and Health*, 12, 4, 356-363.

Karatzas K., Moussiopoulos N., Fedra K., Lohmeyer A and Kouroumlis Ch., 2001, A multimedia application for EIA studies, *IEEE Multimedia* 8, 4, 71-75.

Kyriakis N., Manikas T., Pistikopoulos P., Vouitsis E., Ntziachristos L. and Samaras Z., 2001, Effects of Low Aromatics and Low Sulphur Diesel Fuels on Particulate Emissions, *International Journal of Vehicle Design*, 27, 1-4, 31-43.

Lohmeyer A., Flassak T., Fedra K., Karatzas K., Pratts G. and Moussiopoulos N., 2001, AIR-EIA – Informationsquelle zur Umweltverträglichkeitsuntersuchung für das Schutzgut Luft in Deutschland, Griechenland und Österreich, *nfd Information-Wissenschaft und Praxis*, 52, 4, 211-215.

Mitsi S., Bouzakis K.,-D., Tsiafis I., Mansour G., Optimal Synthesis of Cam Mechanisms Using Cubic Spline Interpolation for CAM NC Milling. *Journal of the Balkan Tribological Association*, Vol. 7, No 4, pp. 225-233, 2001.

Moussiopoulos N., Sahm P., Münchow S., Tonnesen D., F. de Leeuw and Tarrasón L., 2001, Uncertainty analysis of modelling studies included in air quality assessments, *International Journal of Environment and Pollution*, 16, 175-190.

Ntziachristos L. and Samaras Z., 2001, “An Empirical Method for Predicting Exhaust Emissions of Regulated Pollutants from Future Vehicle Technologies”, *Atmospheric Environment*, 35/11, pp. 1985-1999.

Papadopoulos A.M. (2001), Reducing CO₂ emissions and deregulating the electricity sector in Europe: A contradictory development?, *Global Nest* 3, 1, 59-70.

Papadopoulos A.M. (2001), The influence of street canyons on the cooling loads of buildings and the performance of air conditioning systems, *Energy and Buildings*, 33, 6, 601-607.

Papadopoulos A.M., Papageorgiou K., Lissoudis A. and Moussiopoulos N., 2001, Microclimatic conditions in street canyons and their influence on the cooling load of buildings, *KTIRIO, Scientific Edition* 1, 29-30.

Pattas K., Samaras Z. and Ntziachristos L., 2001, “Control of Particulate Emissions from Diesel Engines”, invited in *Analekta Scientific Journal of the Greek Association of Mechanical and Electrical Engineers* (in English and Greek – in press).

Pattas K., Samaras Z., Kyriakis N., Pistikopoulos P., Manikas T., Seguelong T., 2001, An Experimental Study of the Catalytic Oxidation of Particulates in a Diesel Filter Installed on a Direct Injection turbocharged Car, *Topics in Catalysis*, 16/17 1-4, 255-262

Pattas K., Samaras Z., Kyriakis N., Manikas T., Pistikopoulos P., Seguelong T. and Rouveirrolles P., 2001, "Comparative Assessment of DPFs of Different Materials: A Case Study on a Euro I Light Duty Truck", 2001 SAE Transactions, SAE paper 2001-01-1287.

Pontikakis G. N., Koltsakis G. C., Stamatelos A. M., Noirot R., Agliany Y., Colas H., Versaevel Ph., Bourgeois C. , September 2001, Experimental and Modeling Study on Zeolite Catalysts for Diesel Engines, Topics in Catalysis, 6/17, Nos. 1-4, pp. 329-335.

Pontikakis G. N., Koltsakis G.C., Stamatelos A. M. , 2001, 'Dynamic Filtration Modeling in Foam Filters for Diesel Exhaust', Chemical Engineering Communications, Vol. 188, pp. 21-46.

Salonikidou A., Karagiannidis A. and Moussiopoulos N., 2001, Registration of disposal sites for municipal solid wastes in the Prefecture of Thessaloniki, Technika Chronika, Scientific Edition IV 20, 27-29.

Samaras Z. and Kitsopanidis I. , 2001, "Methodology and Results of the Evaluation of Alternative Short Tests Applied in Inspection and Maintenance Programmes", Transportation Research Part D, 6/2, pp. 111-122.

Samaras Z., Zachariadis T., Joumard R., Hassel D., Weber F.-J. and Rijkeboer R. , 2001, "An Outline of the 1994-1998 European Inspection and Maintenance Study – Part I: Design, tests and results of experimental methods", Journal of Air & Waste Management Association 51:913-938.

Savaidis A., Savaidis G., 2001, Werkstoffmechanische Beanspruchungsanalyse gekerbter Strukturen bei synchronen Belastungskombinationen, Materialwissenschaft und Werkstofftechnik, 32, 4, 351-361.

Savaidis A., Savaidis G., Zhang Ch., 2001, Elastic-Plastic FE Analysis of a Notched Shaft Under Multiaxial Nonproportional Synchronous Cyclic Loading, Theoretical and Applied Fracture Mechanics, 32, 6, 87-97.

Savaidis A., Savaidis G., Zhang Ch., 2001, Fatigue Analysis of Notched Elastic-Plastic Shaft Under Multiaxial Loading Consisting of Constant and Cyclic Components, International Journal of Fatigue, 23, 4, 303-315.

Savaidis G., 2001, Analysis of Fatigue Behavior of a Vehicle Axle Steering Arm Based on Local Stresses and Strains, Materialwissenschaft und Werkstofftechnik, 32, 4, 362-368.

Savaidis G., Feitzelmayer K., Ostermann M., 2001, Schwingfestigkeitsverhalten von hochfesten Federstählen - Einfluss der thermomechanischen Oberflächenbehandlung, Materials Testing, 43, 7/8, 278-282.

Savaidis G., Savaidis A., Seeger T., 2001, Engineering Components Under Multiaxial Loading, Fatigue Analysis and Lifetime Evaluation, Materials Testing, 43, 3, 78-86.

Savaidis G., Schliebner R., Vormwald M., 2001, Lebensdauer von Nutzfahrzeugen ermitteln. Vergleich von Schwingfestigkeiten aus Rechnung und Versuch bei nichtproportionaler Beanspruchung, *Materials Testing*, 43, 10, 381-386.

Schmitt J., Savaidis G., Streicher M., Feitzelmayer K., 2001, Leichtbau im Nutzfahrzeug – hohe Nutzlast bei niedrigem Fahrgestellgewicht, *Materials Testing*, 43, 5, 187-194.

Seferlis P., and J. Grievink, "Optimal Design and Sensitivity Analysis of Reactive Distillation Units using Collocation Models", *Industrial & Engineering Chemistry Research*, 40, 1673-1685, 2001.

Seferlis P., and J. Grievink, "Process Design and Control Structure Screening Based on Economic and Static Controllability Criteria", *Computers and Chemical Engineering*, 25, 177-188, 2001.

Tagaras G., Vlachos D., 2001, A Periodic Review Inventory System with Emergency Replenishments, *Management Science*, 47 (3), 415-429.

Teunter R., Vlachos D., 2001, An Inventory System with Periodic Regular Review and Flexible Emergency Review, *IIE Transactions*, 33 (8), 625-635.

Theodossiades, S. and Natsiavas, S., "On Geared Rotordynamic Systems with Oil Journal Bearings," *Journal of Sound and Vibration*, Vol. 243, pp. 721-745, 2001.

Theodossiades, S. and Natsiavas, S., "Periodic and Chaotic Dynamics of Motor-Driven Gear-Pair Systems with Backlash," *Chaos, Solitons and Fractals*, Vol. 12, pp. 2427-2440, 2001.

Verros, G. and Natsiavas, S., "Dynamics of Vehicles with Semi-active Suspensions Exhibiting Wheel Hop," *Vehicle System Dynamics (Supplement)*, Vol. 35, pp. 135-148, 2001.

Vlachos D., Tagaras G., 2001, An Inventory System with Two Supply Modes and Capacity Constraints, *International Journal of Production Economics*, 72 (1), 41-58.

Zachariadis T. and Samaras Z., 2001, "Validation of Road Transport Statistics through Energy Efficiency Calculations", *Energy* 26 467–491.

Zachariadis T., Ntziachristos L. and Samaras Z., 2001, "The Effect of Age and Technological Change on Motor Vehicle Emissions" *Note in Transportation Research Part D*, 6/3, pp. 69-75.

Παπαδόπουλος Α., Παπαγεωργίου Κ., Λυσσούδης Σ. και Μουσιόπουλος Ν. (2001), Μικροκλιματικές συνθήκες στην αστική χαράδρα και η επίδρασή τους στα ψυκτικά φορτία των κτιρίων, ΚΤΙΠΙΟ, Επιστημονική Έκδοση, Α, 23-28

Τσιλιγκιρίδης Γ., Πιστικόπουλος Π., Πάπτας Κ., 2001, Προκαταρκτική αξιολόγηση θερμοκρασιών αέρα εσωτερικών χώρων στο ηλιακό αθλητικό

κέντρο στον Εύοσμο Θεσσαλονίκης. ΚΤΙΠΙΟ-Επιστημονική Έκδοση, τ. Α/2001, 77-84.

2002

Bauer F., Blum W., Dietl H., Kotov S., Kroha H., Manz A., Ostapchuk A., Richter R., Schael S., Chouridou S., Schaile D., Staude A., Stroehmer R., Trefzger T., Diehl E., Levin D., McKee S., Neal H., Tarle G., Thun R., Zhou B., Bouzakis K., Krepouri A., Paschalias P., Petridou Ch., Sampsonidis D., Tsiafis I., Valderanis Ch., Wotschack J., 2002, The First Precision Drift Tube Chambers for the ATLAS Muon Spectrometer, Nuclear Instruments and Methods, Physics Research A: Accelerators, Spectrometers, Detectors and Associated Equipment, 478(1-2), 153 –157.

Bauer F., Blum W.,... Bouzakis K.-D., Krepouri A., Paschalias P., Petridou Ch., Sampsonidis D., Tsiafis I., Zhou B.: The first precision drift tube chambers for the ATLAS muon spectrometer. Nuclear Instruments & Methods in Physics research, A 478, 2002, pp. 153-157.

Bouzakis K.-D., Andreadis G., 2002, A feature-based algorithm for computer aided process planning of prismatic parts, International Journal of Production Engineering and Computers, Vol. 3, No. 3, 13-20.

Bouzakis K.-D., Kombogiannis S., Antoniadis A., Vidakis N.: Gear Hobbing Cutting Process Simulation and Tool Wear Prediction Models. Transactions of the ASME, Journal of Manufacturing Science and Engineering, Vol. 124, February 2002, pp. 42-51.

Bouzakis K.-D., Lontos A., Michailidis N., Knotek O., Lugscheider E., Bobzin K., Eitzkorn A., Determination of mechanical properties of electron beam-physical vapor deposition-thermal barrier coatings (EB-PVD-TBCs) by means of nanoindentation and impact testing, Surface and Coatings Technology, 163-164 (2002) 75-80.

Bouzakis K.-D., Michailidis N., Anastopoulos J., Kompogiannis S., Erkens G., P.J. Rudnik, Geometry and coating parameters effect on cemented carbides sticks cutting performance used in bevel gear manufacturing, Surface and Coatings Technology, 153 (2002) 148-154.

Bouzakis K.-D., Michailidis N., Hadjiyiannis S., Skordaris G., Erkens G., A continuous FEM simulation of the nanoindentation to determine actual indenter tip geometries, elastic-plastic material deformation laws and universal hardness, Zeitschrift fuer Metallkunde, 93 (2002) 862-869.

Bouzakis K.-D., Michailidis N., Skordaris G., Kombogiannis S., Hadjiyiannis S., Efstathiou K., Erkens G., Rambadt S., I. Wirth, Effect of the cutting edge radius and its manufacturing procedure, on the milling performance of pvd coated cemented carbide inserts, CIRP Annals – Manufacturing Technology, 51/1 (2002) 61-64.

Bouzakis K.-D., Michailidis N., Skordaris G., Kombogiannis S., Hadjiyiannis S., Efstathiou K., Erkens G., Rambadt S., Wirth I., 2002, Effect of the cutting

edge radius and its manufacturing procedure, on the milling performance of PVD coated cemented carbide inserts, CIRP Annals, 51/1, 61-64.

Bouzakis K.-D., Michailidis N., Skordaris G., Kombogiannis S., Hadjiyiannis S., Efstathiou K., Erkens G., Rambadt S., Wirth I.: Effect of the cutting edge radius and its manufacturing procedure, on the milling performance of PVD coated cemented carbide inserts. CIRP Annals, Vol. 51/1, 2002, pp. 61-64.

Bouzakis K.-D., Mitsi S., Mansour G., Lontos A., 2002, Dynamical Behaviour of Planar Cam Mechanism Using a Cam Coated with the Aid of Plasma Spray Method, Journal of the Balkan Tribological Association, 8, 3, 164-171.

Bouzakis K.-D., Mitsi S., Mansour G., Lontos A. : Dynamical Behaviour of Planar Cam Mechanism Using a Cam Coated with the Aid of Plasma Spray Method. Journal of the Balkan Tribological Association, Vol. 8, No. 3, 2002, pp.164-171.

Bouzakis K.-D., N. Michailidis, J. Anastopoulos, S. Kompogiannis, G. Erkens, P.J. Rudnik, Geometry and coating parameters effect on cemented carbides sticks cutting performance used in bevel gear manufacturing. Surface and Coatings Technology, Vol. 153/2-3, 2002, pp. 148-154.

Bouzakis K.-D., N. Michailidis, S. Hadjiyiannis, G. Skordaris, G. Erkens: A continuous FEM simulation of the nanoindentation to determine actual indenter tip geometries, elastic-plastic material deformation laws and universal hardness. International Magazine fuer Metallkunde, Vol. 93 (2002) 9, 2002, pp. 862-869.

Daniilia Sister, Maximi Sister, Papaggelos I., Strati A, Bikiaris D., Sotiropoulou S., Karagiannis G., Salpistis C., 2002, Chryssoulakis Y., Our Lady of Mercy: The Adventrures of an Icon. ZKK, ZEITSCHRIFT FUR KUNSTTECHNOLOGIE UND KONSERVIERUNG 16, JAHRGANG 2002 HEFT 2, p.336-351,

Decker M., Savaidis G., 2002, Measurement and Analyses of Wheel Loads for Numerical Simulation and Testing of Fatigue of Vehicle Chassis Components, Fatigue and Fracture of Engineering Materials and Structures, 25, 12, 1103-1119.

Decker M., Streicher M., Savaidis G., Feitzelmayer K., 2002, Festigkeitssteigerung geschmiedeter Fahrwerksteile - Optimierungspotentiale in der Fertigung und Nachbearbeitung beim Schmiede-prozess von Vergütungsstählen, Materials Testing, 44, 6, 253-259.

Georgiadis P., Vlachos D., Politou A., 2002, Reengineering of a Small Assembly-to-order Manufacturer: A Case Study, International Journal of Operations and Quantitative Management, 8, 1, 21-35.

Haralampous O., Koltsakis G.C., 2002, Intra-Layer Temperature Gradients During Regeneration Of Diesel Particulate Filters, Chemical Engineering Science, 57, 13, 2345-2355.

Kandylas I. P., Haralampous O.A., Koltsakis G.C, 2002, Diesel Soot Oxidation with NO₂: Engine Experiments and Simulations, Industrial & Engineering Chemistry Research, 41, 5372-5384.

Kandylas I.P., Koltsakis G.C., 2002, NO₂ Assisted Regeneration of Diesel Particulate Filters: A Modeling Study, Industrial & Engineering Chemistry Research, 41, 9.

Kandylas I.P., Koltsakis G.C., 2002, Simulation of Continuously Regenerating Diesel Particulate Filters in Transient Driving Cycles, Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 216, 7, 591.

Karagiannidis A., Xirogiannopoulou A. and Moussiopoulos N., 2002, Planning framework and case-study analyses from applying systems of variable-rate pricing in the collection services of urban wastes, Technika Chronika, IV, 1-2, 7-18.

Karatzas K., Moussiopoulos N., Arvanitis Th., 2002, On the influence of sea-surface temperature on mesoscale flows: an example from the city of Athens, Greece, Int. J. Environment and Pollution, 18, 1, 85-90.

Ketzel M., Louka P., Sahm. P., Guilloteau E., Sini J.-F. and Moussiopoulos N., 2002, Intercomparison of numerical urban dispersion models – Part II: Street canyon in Hannover, Germany, Water, air and soil pollution: Focus, 2, 603-613.

Kiourtsidis G.E., Skolianos S.M., 2002, Wear behavior of artificially aged AA2024/40µm SiCp composites in comparison with conventionally wear resistant ferrous materials, Wear, 253, 946-956.

Kiparissides C., Seferlis P., Mourikas G., and Morris A. J., "On-Line Optimizing Control of Molecular Weight Properties in a Batch Free-Radical Polymerization Reactor", Industrial & Engineering Chemistry Research, 41, 6120-6131, 2002.

Klaic Z.B., Nitis T., Kos I. and Moussiopoulos N., 2002, Modification of the local winds due to hypothetical urbanization of the Zagreb surroundings, Meteorology and Atmospheric Physics, 79, 1-12.

Koroneos C.J., Spachos Th. and Moussiopoulos N., 2002, Exergy analysis of renewable energy sources, Renewable Energy, 28, 295-310.

Koufodimos G. and Samaras Z., 2002, "Waste Management Options in Southern Europe Using Field and Experimental Data", Waste Management 22, 47-59.

Lange P., Denzin R., Savaidis G., 2002, Last-, Beanspruchungsermittlung und Betriebsfestigkeits-erprobung von LKW-Parabelfedern, DVM-Nachrichten, 28.

Palikaras, A., Yakinthos, K. and Goulas, A., Transition on a flat plate with a semi-circular leading edge under uniform and positive shear freestream flow. *Int. J. Heat & Fluid Flow*, Vol. 23, 2002, pp.455-470

Papadopoulos A.M., Papageorgiou K.P. and Karatzas K. (2002), Evaluation of an attached sunspace without sun protection: How feasible is this approach in Mediterranean summer conditions?, *Int. J. of Solar Energy* 22 (3-4), 93-104.

Papadopoulos A.M., Theodosiou T. and Karatzas K. (2002), Feasibility of energy saving renovation measures in urban buildings: The impact of energy prices and the acceptable pay back time criterion, *Energy and Buildings*, 34, 5, 455-466.

Pattas K., Samaras Z., Kyriakis N., Pistikopoulos P., Manikas T., Seguelong T., Rouveiolles P., 2002, Comparative Assessment of DPFs of Different Materials: A Case study on a EURO I Light Duty Truck, *SAE Transactions*, 6, 1587-1598

Savaidis A., Savaidis G., Zhang Ch., 2002, Numerical Analysis of Notched Elastic-Plastic Structures Under Multiaxial Variable Amplitude Loading, *Computers and Structures*, 80, 25, 1907-1918.

Savaidis G., Savaidis A., Tsamasphyros G., Zhang Ch., 2002, On Size and Technological Effects in Fatigue Analysis and Prediction of Engineering Materials and Components, *International Journal of Mechanical Sciences*, 44, 521-543.

Slini Th., Karatzas K. and Moussiopoulos N., 2002, Statistical analysis of environmental data as the basis of forecasting: An air quality application, *Science of the Total Environment*, 288, 227-237.

Slini Th., Karatzas K. and Papadopoulos A.M. (2002), Regression analysis and urban air quality forecasting: an application for the city of Athens, *Global Nest*, Vol. 4, (2-3), 151-160.

T. Bohler, K. Karatzas, G. Peinel, Th. Rose and R.S. Jose (2002), Providing multi-modal access to environmental data-customisable information services for disseminating urban air quality information in APNEE, *Computers, Environment and Urban Systems* 26(1), 39-61.

Tagaras G., Vlachos D., 2002, Effectiveness of Stock Transshipment under Various Demand Distributions and Non-negligible Transshipment Times, *Production Operations Management*, 11(2), 183-198.

Tagaras, G. and Y. Nikolaidis, "Comparing the effectiveness of various Bayesian control charts," *Operations Research*, Vol. 50, No. 5, pp. 878-888,

2002

Teunter R., Vlachos D., 2002, On the Necessity of a Disposal Option for Returned Items that can be Remanufactured, *International Journal of Production Economics*, 75 (3), 257-266.

Tourlou P.M., Sahm P. and Moussiopoulos N., 2002, Integrated assessment of air pollution abatement strategies in urban areas: Application to the greater Athens area, *Water, Air and Soil Pollution: Focus*, 2, 731-744.

Tsilingiridis G., Zachariadis T. and Samaras Z., 2002, "Spatial and Temporal Characteristics of Air Pollutant Emissions in Thessaloniki Greece. Investigation of Emission Abatement Measures", *The Science of the Total Environment*, 300/1-3, 99-113.

Tsinoglou D., Koltsakis G. C, Samaras Z., 2002, "Evaluation of On-Board Diagnostic Methods for 3-Way Catalytic Converters", *Environmental Science and Technology*, 36, 5270-5278.

Tsinoglou D., Koltsakis G. C., July 2002, "Potential of thermal methods for catalyst on-board diagnosis", *Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering*, Vol. 216, No 7, p. 565.

Tsinoglou D., Koltsakis G. C., Peyton Jones J. , 2002, "Oxygen Storage Modeling in 3-Way Catalysts", *Industrial & Engineering Chemistry Research*, Vol. 41, Issue 5, pp. 1152-1165.

Verros, G. and Natsiavas, S., "Ride Dynamics of Nonlinear Vehicle Models using Component Mode Synthesis," *Transactions of ASME, Journal of Vibration and Acoustics*, Vol. 124, pp. 427-434, 2002.

Παπαδόπουλος Α. και Θεοδοσίου Θ. (2002), Εφικτότητα και οικονομική σκοπιμότητα παρεμβάσεων στο κέλυφος υφιστάμενων κτιρίων για τη μείωση των θερμαντικών φορτίων, *ΚΤΙΠΙΟ, Επιστημονική Έκδοση*, Α, 69-76.

2003

Bouzakis K.-D., Lontos A. : Creep behaviour determination of monolayer plasma sprayed coatings under dynamic of static loads. *Surface & Coatings Technology*, 174-175, 2003, 1053-1058.

Assimakopoulos V.D., ApSimon H.M., Moussiopoulos N., 2003, A numerical study of atmospheric pollutant dispersion in different two-dimensional street canyon configurations, *Atmospheric Environment*, 37, 4037-4049.

Bouzakis K., Aichouh P., Efstathiou K., 2003, Determination of the chip geometry, cutting force and roughness in free form surfaces finishing milling, with ball end tools. *International Journal of Machine Tools & Manufacture*, 43, 499-514.

Bouzakis K., Efstathiou K., Aichouh P., 2003, Determination of the chip geometry, cutting force and roughness in free form surfaces finishing milling, with ball end tools, *CIRP Journal of Manufacturing Systems*, 32, 3, 237-229.

Bouzakis K.-D., Aichouh P., Efstathiou K. : Determination of the chip geometry, cutting force and roughness in free form surfaces finishing milling, with ball end tools. *International Journal of Machine Tools & Manufacture*, 43(2003), pp. 499-514.

Bouzakis K.-D., Andreadis G., 2003, Implementation of an algorithm for the determination of a workpiece internal features for Computer Aided Process Planning, CIRP Journal of Manufacturing Systems, Vol 32, No. 3, 223-229

Bouzakis K.-D., Andreadis G.: Implementation of an algorithm for the determination of a workpiece internal features, for Computer Aided Process Planning. CIRP Journal of Manufacturing Systems, Vol. 32 (2003), No. 3, pp. 223-229.

Bouzakis K.-D., Efstathiou K., Aichouh P.: Determination of the chip geometry, cutting force and roughness in free form surfaces finishing milling, with ball end tools. CIRP Journal of Manufacturing Systems, Vol. 32 (2003), No. 3, pp. 237-247.

Bouzakis K.-D., Hadjiyiannis S., Skordaris G., Mirisidis J., Michailidis N., Efstathiou K., Erkens G., 2003, The effect of coating thickness, mechanical strength and hardness properties on the milling performance of PVD coated cemented carbide inserts, Surface & Coatings Technology, 177-178, 657-664.

Bouzakis K.-D., Hadjiyiannis S., Skordaris G., Anastopoulos I., Mirisidis J., Michailidis N., Efstathiou K., Knotek O., Erkens G., Cremer S., Rambadt S., Wirth I., 2003, The influence of the coating thickness on its strength properties and on the milling performance of PVD coated inserts, International Journal Surface & Coatings Technology, 174-175, 393-401.

Bouzakis K.-D., Hadjiyiannis S., Skordaris G., Anastopoulos J., Mirisidis I., Michailidis N., Efstathiou K., Knotek O., Erkens G., Cremer R., Rambadt S., I. With, The influence of the coating thickness on its strength properties and on the milling performance of PVD coated inserts, Surface and Coatings Technology, 174-175 (2003) 393-401.

Bouzakis K.-D., Hadjiyiannis S., Skordaris G., Anastopoulos J., Mirisidis I., Michailidis N., Efstathiou K., Knotek O., Erkens G., Cremer R., Rambadt S., Wirth I.: The influence of the coating thickness on its strength properties and on the milling performance of PVD coated inserts. Surface and Coatings Technology, 174-175, 2003, pp. 393-401.

Bouzakis K.-D., Hadjiyiannis S., Skordaris G., Mirisidis J., Michailidis N., Efstathiou K., Pavlidou E., Erkens G., Cremer R., Rambadt S., Wirth I.: The effect of coating thickness, mechanical strength and hardness properties on the milling performance of PVD coated cemented carbide inserts. Surface & Coatings Technology, 177-178, 2003, pp. 657-664.

Bouzakis K.-D., Kombogiannis S., Antoniadis A., Vidakis N.: Gear Hobbing Cutting Process Simulation and Tool Wear Prediction Models. CIRP Journal of Manufacturing Systems, Vol. 32 (2003), No. 5, pp. 375-386.

Bouzakis K.-D., Korlos A.: FEM-Simulation of the multi axis tube bending to improve the process accuracy. CIRP Journal of Manufacturing Systems, Vol. 32 (2003), No. 3, pp. 195-201.

Bouzakis K.-D., Koutoupas G. : Bending and indentation tests to determine particleboards mechanical strength critical stresses and their correlation to the specific cutting force in milling. International Journal "Wood Science and Technology", Vol. 37, 2003, pp. 141-159.

Bouzakis K.-D., Koutoupas G.: Bending and indentation tests to determine chipboards mechanical strength critical stresses and their correlation to the specific cutting force in milling. CIRP Journal of Manufacturing Systems, Vol. 32 (2003), No. 2, pp. 155-163.

Bouzakis K.-D., Lontos A., Michailidis N., Knotek O., Lugscheider E., Bobzin K., Etskorn A.: Determination of mechanical properties of electron beam-physical vapor deposition-thermal barrier coatings (EB-PVD-TBCs) by means of nanoindentation and impact testing. Surface & Coatings Technology, 163-164, 2003, pp. 75-80.

Bouzakis K.-D., Michailidis N., Hadjiyiannis S., Erkens G., Improvement of coated tools cutting performance by means of appropriate heat treatments, Journal of Balkan Tribological Association, vol. 9 No. 4 (2003) 515-528.

Bouzakis K.-D., Michailidis N., Hadjiyiannis S., Skordaris G., Erkens G. : Improvement of coated tools cutting performance by means of appropriate heat treatments. International Journal of Balkan Tribological Association, Vol. 9, No 4, pp. 515-528, 2003.

Bouzakis K.-D., Michailidis N., Hadjiyiannis S., Skordaris G., Erkens G. : The effect of the specimen roughness and the indenter tip geometry on the determination accuracy of thin hard coatings stress-strain laws by nanoindentations. International Journal " Materials Characterisation " , Vol. 4, 2003, pp. 149-156.

Bouzakis K.-D., Michailidis N., Hadjiyiannis S., Skordaris G., Erkens G., The effect of specimen roughness and indenter tip geometry on the determination accuracy of thin hard coatings stress-strain laws by nanoindentation, Materials Characterization, 49 (2003) 149-156.

Bouzakis K.-D., Michailidis N., Skordaris G., Kombogiannis S., Hadjiyiannis S., Efstathiou K., Pavlidou E., Erkens G., Rambadt S., I. Wirth, Optimization of the cutting edge roundness and its manufacturing procedures of cemented carbide inserts, to improve their milling performance after a PVD coating deposition, Surface and Coatings Technology, 163-164 (2003) 625-630.

Bouzakis K.-D., Michailidis N., Skordaris G., Kombogiannis S., Hadjiyiannis S., Efstathiou K., Pavlidou E., Erkens G., Rambadt S., Wirth I. , 2003, Optimization of the cutting edge roundness and its manufacturing procedures of cemented carbide inserts, to improve their milling performance after a PVD coating deposition, International Journal Surface & Coatings Technology, 163-164, 625-630.

Bouzakis K.-D., Michailidis N., Skordaris G., Kombogiannis S., Hadjiyiannis S., Efstathiou K., Pavlidou E., Erkens G., Rambadt S., Wirth I.: Optimisation of

the cutting edge roundness and its manufacturing procedures of cemented carbide inserts, to improve their milling performance after a PVD coating deposition. *Surface & Coatings Technology*, 163-164, 2003, pp. 625-630.

Bouzakis K.-D., Paraskevopoulou R., 2003, Feature Based Continuous Cutting Conditions Optimization on the Tool Path in 2 ½ axis milling, *CIRP Journal of Manufacturing Systems*, Vol. 32, 4, 323-331.

Bouzakis K.-D., Paraskevopoulou R.: Feature Based Continuous Cutting Conditions Optimization on the Tool Path in 2 ½ Axis Milling. *CIRP Journal of Manufacturing Systems*, Vol. 32 (2003), No. 4, pp. 323-331.

Bouzakis K.-D., Skordaris G., Hadjiyiannis S., Asimakopoulos A., Mirisidis J., Michailidis N., Erkens G., Cremer R., Klocke F., Kleinjans M.: A nanoindentation based determination of internal stress alterations in PVD films and their cemented carbides substrates induced by recoating procedures and their effect on the cutting performance. *Surface & Coatings Technology*, 447-448, 2003, pp. 264-271.

Bouzakis K.-D., Skordaris G., Mirisidis I., Hadjiyiannis S., Anastopoulos J., Michailidis N., Erkens G., Cremer R., Determination of coating residual stress alterations demonstrated in the case of annealed films and based on a FEM supported continuous simulation of the nanoindentation, *Surface and Coatings Technology*, 174-175 (2003) 487-492.

Bouzakis K.-D., Skordaris G., Mirisidis J., Hadjiyiannis S., Anastopoulos I., Michailidis N., Erkens G., Cremer R.: Determination of coating residual stress alterations demonstrated in the case of annealed films and based on a FEM supported continuous simulation of the nanoindentation. *Surface & Coatings Technology*, 174-175, 2003, pp., 487-492.

Erkens G., Cremer R., Hamoudi T., Bouzakis K.-D., Mirisidis J., Hadjiyiannis S., Skordaris G., Asimakopoulos A., Kombogiannis S., Anastopoulos I., Efstathiou K.: Supernitrides: A novel generation of PVD hardcoatings to meet the requirements of high demanding cutting applications. *CIRP Annals*, Vol. 52/1, 2003, pp. 65-68.

Erkens G., Cremer R., Hamoudi T., Bouzakis K.-D., Mirisidis J., Hadjiyiannis S., Skordaris G., Asimakopoulos A., Kombogiannis S., Anastopoulos J., Efstathiou K., 2003, Properties and performance of high Aluminum containing (Ti, Al)N based Supernitride coatings in innovative cutting applications, *Surface & Coatings Technology*, 177-178, 727-734.

Erkens G., Cremer R., Hamoudi T., Bouzakis K.-D., Mirisidis J., Hadjiyiannis S., Skordaris G., Asimakopoulos A., Kombogiannis S., Anastopoulos J., Efstathiou K. : Properties and performance of high aluminum containing (Ti, Al)N based supernitride coatings in innovative cutting applications. *Surface & Coatings Technology*, 177-178, 2003, pp. 727-734.

Erkens G., Cremer R., Hamoudi T., Bouzakis K.-D., Mirisidis J., Hadjiyiannis S., Skordaris G., Asimakopoulos A., Kombogiannis S., Anastopoulos J.,

Efstathiou K., 2003, A novel generation of PVD hardcoatings to meet the requirements of high demanding cutting applications, CIRP Annals, 52/1, 65-68.

Fischer F., Plitzko M., Savaidis G., Wanke K., 2003, Fortschritte in der Federntechnik (Advances in Spring Development and Technologies), Materialprüfung - Materials Testing, 45, 7/8, 301-309.

Geivanidis S., Pistikopoulos P., Samaras Z., 2003, Effect on Exhaust Emissions by the use of Methylcyclopentadienyl Manganese Tricarbonyl (MMT) and Other Lead Replacement Gasolines, The Science of the Total Environment, 305, 1-3, 129-141.

Georgiadis P., Vlachos D., 2003, Analysis of the Dynamic Impact of Environmental Policies on Reverse Logistics, Operational Research. An International Journal, 3, 2, 123-135.

Goulas A., Katheder K., Palikaras A., Yakinthos K., 2003, Flow measurements and investigations in a staggered tube matrix of a heat-exchanger, International Journal of Heat & Technology, 21, 2, 55-63.

Helmis C.G., Moussiopoulos N., Flocas H.A., Sahm P., Assimakopoulos V.D., Naneris C., Maheras P., 2003, Estimation of transboundary air pollution on the basis of synoptic-scale weather types, International Journal of Climatology, 23, 405-416.

Iakovou E., Ortiz O., 2003, Reengineering of the Laundry Service at a University Campus: A Continuous Improvement Quality Management Methodology, Quality Engineering 16, 2, 245-255

Kaprara A., Karatzas K., Moussiopoulos N., Viras L., 2003, Investigating week-end air quality observations with the aid of Fourier analysis in Athens, Greece, Int. J. Environment and Pollution, 19, 2, 171-176.

Karagiannidis A., Perkoulidis G., Moussiopoulos N. and Chrysochoou M., 2003, Facility location for solid waste management through compilation and multicriterial ranking of optimal decentralised scenarios: a case study for the region of Peloponnesse in southern Greece, The Journal of Engineering Research 1, 7-18.

Karatzas K., Dioudi E. and Moussiopoulos N., 2003, Identification of major components for integrated urban air quality management and information systems via user requirements prioritisation, Environmental Modelling and Software, 18, 173-178.

Karatzas K., Ossanlis I., Kaprara A., Louka P. and Moussiopoulos N., 2003, Tunnel fire smoke modelling for emergency management, International Journal of Risk Assessment and Management, 4, 52-66.

Kyriakis N., Pistikopoulos P., Manikas T., Vouitsis E., 2003, Endothermic Phenomena in DPFs During Regeneration, Transactions of ASME - Journal of Engineering for Gas Turbines and Power, 125/3, 845-850

- Lange P., Denzin R., Savaidis G., 2003, LKW-Parabelfedern - Last-, Beanspruchungsermittlung und Betriebsfestigkeitserprobung, *Materials Testing*, 45, 3, 70-77.
- Metallidis, P. and Natsiavas, S., "Linear and Nonlinear Dynamics of Reciprocating Engines," *International Journal of Non-Linear Mechanics*, Vol. 38, pp. 723-738, 2003.
- Metallidis, P., Verros, G., Natsiavas, S. and Papadimitriou, C., "Identification, Fault Detection and Optimal Sensor Location in Vehicle Suspensions," *Journal of Vibration and Control*, Vol. 9, pp. 337-359, 2003.
- Mihailidis A., Panagiotidis K., 2003, Transient Thermo-Elastohydrodynamic Lubrication of Gear teeth, *Lubrication Science* 15-4, 294-310.
- Mitsi S., Bouzakis K.-D., Mansour G., Position Analysis in Polynomial Form of Planar Mechanisms with ASSUR Group of Class 3 Including Revolute and Prismatic Joints, *Mechanism and Machine Theory*, Vol 38/12, pp. 1325-1344, 2003.
- Mitsi S., Bouzakis K.-D., Mansour G., Popescu I. : Position analysis in polynomial form of planar mechanisms with Assur groups of class 3 including revolute and prismatic joints. *International Journal "Mechanism and Machine Theory"*, 38, 2003, pp. 1325-1344.
- Moussiopoulos N., Douros I. and Simonidis C., 2003, Evaluation and sensitivity tests of MEMO using the ESCOMPTE pre-campaign dataset, *International Journal of Environment and Pollution*, 20, 55-63.
- Ntziachristos L. and Samaras Z. , 2003, "Emerging Demands from Vehicle Particulate Emissions Characterisation", *Atmospheric Environment New Directions*, Vol. 37/3, pp.441-442.
- Ntziachristos L., Giechaskiel B., Pistikopoulos P., Fysikas E. and Samaras Z., 2003, "Particle Emissions Characteristics of Different On-Road Vehicles", 2003 SAE Transactions, *Journal of Fuels and Lubricants*, Vol. 112, pp. 1568-1578.
- Pachon J., Iakovou E., Ip C., Aboudi R., 2003, A Synthesis of Tactical Fleet Planning Models for the Car Rental Industry, *Institute of Industrial Engineers (IIE) Transactions* 35, 9, 907-916.
- Palikaras, A., Yakinthos, K. and Goulas, A. The effect of negative shear on the transitional separated flow around a semi-circular leading edge. *Int. J. Heat & Fluid Flow*, Vol. 24, 2003, pp.421-430
- Papadopoulos A. M., Papageorgiou K. P. and Karatzas K. (2003), Evaluation of an attached sunspace without sun protection: how feasible is this approach in Mediterranean summer conditions?, *Int. J. of Solar Energy* 22(3-4), pp. 93-104

Papadopoulos A., Oxizidis S., Kyriakis N., 2003, Perspectives of Solar Cooling in view of the developments in the air conditioning sector, Renewable & Sustainable Energy Reviews, 5/7, 419-438

Papadopoulos A.M. and Avgelis A. (2003), Indoor environmental quality in naturally ventilated office buildings and its impact on their energy performance, Int.Journal of Ventilation, 4, (3), 203-212.

Papadopoulos A.M., Avgelis A. and Santamouris M. (2003), Energy study of a medieval tower, restored as a museum, Energy and Buildings, Volume 35, Issue 9, 951-961.

Papadopoulos A.M., Oxizidis S and. Kyriakis N. (2003), Perspectives of solar cooling in view of the developments in the air-conditioning sector, Renewable & Sustainable Energy Reviews, Volume 7, Issue 5, 419-438.

Polyzos C., Skolianos S.M., Lefakis H., Tsipas D.N., 2003, In-Situ MMC Production through VxBy Intermetallics Formation in Al Matrix, Advanced Composites Letters, Vol. 12, 1, 13-17

Popescu I., Caravan M. L., Mitsi S., Romanian folk milling machines, in: Extraordinary Machines and Structures in Antiquity (Editor: S. A. Paipetis), Peri Technon Publishers, Patras, pp. 136-143, 2003

Savaidis A., Savaidis G., Zhang Ch., 2003, Approximate Elastic-Plastic Analysis of a Notched Bar Under Tensile and Torsional Fatigue, Theoretical and Applied Fracture Mechanics, 40, 85-96.

Savaidis G., Savaidis A., Schliebner R., Vormwald M., 2003, Evaluation of Fatigue of Fillet Welded Joints in Vehicle Components Under Multiaxial Service Loads, Biaxial/Multiaxial Fatigue and Fracture, 23-42.

Slini Th., Karatzas K. and Moussiopoulos N., 2003, Correlation of air pollution and meteorological data using neural networks, International Journal of Environment and Pollution, 20, 218-229.

Thunis P., Galmarini S., Martilli A., Clappier A., Andronopoulos S., Bartzis J., Vlachogiannis D., De Ridder K., Moussiopoulos N., Sahm P., Almbauer R., Sturm P., Oettl D., Dierer S. and Schlünzen K.H., 2003, An inter-comparison exercise of mesoscale flow models applied to an ideal case simulation, Atmospheric Environment, 37, 363-382.

Tsinoglou D. N., Koltsakis, G.C. , 2003, Thermal response of close coupled catalysts during light-off", SAE Transactions: Journal of Fuels and Lubricants.

Tsinoglou D., Koltsakis G. C. , 2003, "Effect of perturbations in the exhaust gas composition on 3-way catalyst light off", Chemical Engineering Science, Vol. 58/1, pp. 179-192.

Vlachos D., Dekker R., 2003, Return Handling Options and Order Quantities for Single Period Products, European Journal of Operational Research, 151(1), 38-52.

Vlachos D., Tolias Y., 2003, Neuro-Fuzzy Modeling in Bankruptcy Prediction, Yugoslav Journal of Operations Research, 13 (2), 165-174.

Vouitsis E., Ntziachristos L. and Samaras Z., 2003, "Particulate Mass Measurements from Low Emitting Diesel Engines. What's Next?" Progress in Energy and Combustion Science, 29, 635-672.

Zhang Ch., Savaidis A., Savaidis G., Zhu H., 2003, Transient Dynamic Analysis of a Cracked Functionally Graded Material by a BIEM, Computational Materials Science, 26, 167-174.

Μιχαηλίδης Α., Παναγιωτίδης Κ., Δριβάκος Ν., 2003, Επίδραση των Θερμικών Ιδιοτήτων του Λιπαντικού στην Ελαστοϋδροδυναμική Λίπανση Οδοντωτών Τροχών, Τεχν. Χρον. Επιστ. Εκδ. ΤΕΕ, ΙΩ, τεύχ. 1-2.

Παπακώστας Κ., Χρηστίδης Χ., Γεωργάτης Δ., Τσιλιγκιρίδης Γ., 2003, : Εκτίμηση των ενεργειακών απαιτήσεων για θέρμανση και ψύξη σε κτίρια του κέντρου της Αθήνας και της Λυκόβρυσσης Αττικής. ΚΤΙΡΙΟ-Επιστημονική Έκδοση, τ. Α-Β/2003, 35-42.

Παπακώστας Κ.Τ., Χρηστίδης Χ.Β., Γεωργάτης Δ.Ε., Τσιλιγκιρίδης Γ.Ι., 2003, Εκτίμηση των ενεργειακών απαιτήσεων για θέρμανση και ψύξη σε κτίρια του κέντρου της Αθήνας και της Λυκόβρυσσης Αττικής, ΚΤΙΡΙΟ, Επιστημονική Έκδοση, Α-Β, 37-42

Σαββαΐδης Α., Κούλλιας Ι., Σαββαΐδης Γ., Πίτατζης Ν., 2003, Διερεύνηση της μηχανικής συμπεριφοράς δομικών στοιχείων αεροσκαφών υπό πολυαξονική κόπωση, Επιστημονικά Δημοσιεύματα Στρατιωτικής Σχολής Ευελπίδων, 2, 282-310.

2004

Aronis K.-P., Magou I., Dekker R., Tagaras G., 2004, Inventory control of spare parts using a Bayesian approach: a case study, European Journal of Operational Research, Vol. 154, No. 3, 730-739.

Avgelis A., Papadopoulos A.M., 2004, Indoor Air Quality Guidelines and Standards: A state of the art review, Int. Journal of Ventilation, 3, (3), 267-278.

Bouzakis K.-D., Andreadis G., Vakali A., Karapidakis E.: Automation of the Process "Designing-Machining" of a Workpiece via Internet Using XML. Journal for Manufacturing science & Production, Volume 6, No. 4, 2004, pp. 153-161.

Bouzakis K.-D., Asimakopoulos A., Michailidis N., Kompogiannis S., Maliaris G., Giannopoulos G., Pavlidou E., Erkens G., The inclined impact test, an efficient method to characterize coatings' cohesion and adhesion properties, Thin Solid Films, 469-470 (2004) 254-262.

Bouzakis K.-D., Asimakopoulos A., Michailidis N., Kompogiannis S., Maliaris G., Giannopoulos G., Pavlidou E., Erkens G.: The inclined impact test, an

efficient method to characterize coatings' cohesion and adhesion properties. *Journal of Thin Solid Films*, 469-470, pp. 254-262, 2004.

Bouzakis K.-D., Hadjiyiannis S., Skordaris G., Mirisidis I., Michailidis N., Efstathiou K., Erkens G., I. Wirth, Milling performance of coated inserts with variable coating thickness on their rake and flank, *CIRP Annals – Manufacturing Technology*, vol. 53 (2004) 81-84.

Bouzakis K.-D., Hadjiyiannis S., Skordaris G., Mirisidis I., Michailidis N., Efstathiou K., Erkens G., I. Wirth, Wear development of cemented carbide inserts coated with variable film thickness in the cutting wedge region, *Surface and Coatings Technology*, 188-189 (2004) 636-643.

Bouzakis K.-D., Hadjiyiannis S., Skordaris G., Mirisidis I., Michailidis N., Erkens G.: Wear development on cemented carbide inserts, coated with variable film thickness in the cutting wedge region. *International Journal Surface & Coatings Technology*, 188-189, pp. 636-643, 2004.

Bouzakis K.-D., Hadjiyiannis S., Skordaris G., Mirisidis I., Michailidis N., Koptsis D., Erkens G.: Milling performance of coated inserts with variable coating thickness on their rake and flank. *Annals of the CIRP*, Vol. 53/1, pp. 81-84, 2004.

Bouzakis K.-D., Hadjiyiannis S., Skordaris G., Mirisidis J., Michailidis N., Efstathiou K., Pavlidou E., Erkens G., Cremer R., Rambadt S., I. Wirth, The effect of coating thickness, mechanical strength and hardness properties on the milling performance of PVD coated cemented carbides inserts, *Surface and Coatings Technology*, 177-178 (2004) 657-664.

Bouzakis K.-D., Lontos A.: Creep behaviour prediction and layer thickness optimization of multilayer plasma sprayed coatings, operating under dynamic loads. *Journal of the Balkan Tribological Association*, Book 4, Vol. 10, pp. 590-601, 2004.

Bouzakis K.-D., Michailidis N., Coating elastic-plastic properties determined by means of nanoindentations and FEM-supported evaluation algorithms, *Thin Solid Films*, 469-470 (2004) 227-232.

Bouzakis K.-D., Michailidis N.: Coating elastic-plastic properties determined by means of nanoindentations and FEM-supported evaluation algorithms. *Journal of Thin Solid Films*, 469-470, pp. 227-232, 2004.

Bouzakis K.-D., Mitsi S., Michailidis N., Mirisidis I., Mesomeris G., Maliaris G., Korlos A., Kapetanios G., Antonarakos P., Anagnostidis K., 2004, Loading simulation of lumbar spine vertebrae during a compression test using the finite elements method and trabecular bone strength properties, determined by means of nanoindentations, *Journal of Musculoskeletal & Neuronal Interactions*, 4, 2, 152-158.

Bouzakis K.-D., Mitsi S., Michailidis N., Mirisidis I., Mesomeris G., Maliaris G., Korlos A., Kapetanios G., Antonarakos P., Anagnostidis K.: Loading simulation

of lumbar spine vertebrae during a compression test using the finite elements method and trabecular bone strength properties, determined by means of nanoindentations. *Journal of Musculoskeletal & Neuronal Interactions*, Vol. 4(No.2), 2004, pp. 152-158.

Bouzakis K.-D., S. Mitsi, Michailidis N., Mirisidis I., Mesomeris G., Maliaris G., Korlos A., Kapetanios G., Antonarakos P., Anagnostidis K., Loading simulation of lumbar spine vertebrae during a compression test using the finite elements method and trabecular bone strength properties, determined by means of nanoindentations, *Journal of Musculoskeletal & Neuronal Interactions*, 2004; 4(2):152-158.

Bouzakis K.-D., Siganos A., Leyendecker T., Erkens G.: Thin hard coatings fracture propagation during the impact test. *International Journal of Thin Solid Films*, Vol. 460 /1-2, 2004, pp. 181-189.

Bouzakis K.-D., Siganos A., Papaefthimiou Th., Karamolegos I., Dimitriou O., Syrogiannopoulos A.: FEM supported determination of cement rotary kiln stresses considering the contribution of the internal refractory to the kiln rigidity. *ZKG International*, No. 2 (volume 57), 2004, pp. 70-78.

Bouzakis K.-D., Siganos A.: Thin hard coatings fracture initiation mechanisms during the impact test. *Surface and Coatings Technology*, Vol460/1-2, pp. 181-189, 2004.

Bouzakis K.-D., Skordaris G., Hadjiyiannis S., Asimakopoulos A., Mirisidis J., Michailidis N., Erkens G., Cremer R., Klocke F., Kleinjans M., A nanoindentation based determination of internal stress alterations in PVD films and their cemented carbides substrates induced by recoating procedures and their effect on the cutting performance, *Thin Solid Films*, 447-448 (2004) 264-271.

Georgiadis P., Vlachos D., 2004, Decision Making in Reverse Logistics Using System Dynamics, *Yugoslav Journal of Operations Research*, 14, 2, 259-272.

Georgiadis P., Vlachos D., 2004, The Effect of Environmental Parameters on Product Recovery, *European Journal of Operational Research*, 157, 449-464.

Giechaskiel B., Ntziachristos L., Samaras Z., 2004, Calibration and Modeling of Ejector Dilutors for Automotive Exhaust Sampling, *Measurement Science and Technology* 15, 2199–2206.

Goudas I., Natsiavas S., 2004, Nonlinear Dynamics of Engine Mechanisms with a Flexible Connecting Rod, *Journal of Multi-Body Dynamics*, 218, 67-80.

Goudas I., Stavrakis I., Natsiavas, S., 2004, Dynamics of Slider-Crank Mechanisms with Flexible Supports and Non-ideal Forcing, *Nonlinear Dynamics*, 35, 205-227.

Haralampous O., Dardiotis C., Koltsakis G., Samaras Z., 2004, Study of Catalytic Regeneration Mechanisms in Diesel Particulate Filters using

Coupled Reaction-Diffusion Modeling, 2004 SAE Transactions, Journal of Fuels and Lubricants, 113, 435-446.

Haralampous O., Kandylas I., Koltsakis G. and Samaras Z., 2004, Diesel particulate filter pressure drop Part 2: On-board calculation of soot loading, International Journal of Engine Research, 5, 2, 163-173.

Haralampous O., Kandylas I., Koltsakis G., Samaras Z. , 2004, Experimental Evaluation of Apparent Soot Oxidation Rates in Diesel Particulate Filters, Int. J. Vehicle Design, 35, 4.

Haralampous O., Kandylas I., Koltsakis G., Samaras Z., 2004, Diesel Particulate Filter Pressure Drop. Part I: Modeling and Experimental Validation, International Journal of Engine Research, 5, 2, 149-162.

Haralampous O.A., Dardiotis C., Koltsakis G.C., Samaras Z., 2004, Study of Catalytic Regeneration Mechanisms in Diesel Particulate Filters using Coupled Reaction-Diffusion Modeling, SAE Transactions, Journal of Fuels and Lubricants.

Haralampous O.A., Kandylas I. P., Koltsakis G. C, Samaras Z.C., 2004, Diesel particulate filter pressure drop. Part II: On board calculation of soot loading, International Journal of Engine Research, 5, 2, 163-173.

Haralampous O.A., Kandylas I. P., Koltsakis G.C, Samaras Z.C., 2004, Diesel particulate filter pressure drop. Part I: Modeling and experimental validation, International Journal of Engine Research, 5, 2, 149-162.

Haralampous O.A., Kandylas I. P., Koltsakis G.C, Samaras Z.C., 2004, Experimental Evaluation of Apparent Soot Oxidation Rates in Diesel Particulate Filters, International Journal of Vehicle Design, 35, 4, 365.

Haralampous O.A., Koltsakis G.C., 2004, "Back-diffusion Modeling of NO₂ in Catalyzed Diesel Particulate Filters", Industrial & Engineering Chemistry Research, 43, 4, 875-883.

Haralampous O.A., Koltsakis G.C., 2004, Oxygen Diffusion Modeling in Diesel Particulate Filter Regeneration, AIChE Journal, 50, 9, 2008.

Haralampous O.A., Koltsakis G.C., Samaras Z.C., Vogt C.-D., Ohara E., Watanabe Y., Mizutani T., 2004, Reaction and diffusion phenomena in catalyzed diesel particulate filters, 2004 SAE Transactions, Journal of Fuels and Lubricants, 113, 1145-1161.

Karagiannidis A., Perkoulidis G., Moussiopoulos N. and Chrysochoou M., 2004, Facility location for solid waste management through compilation and multicriterial ranking of optimal decentralised scenarios: a case study for the region of Peloponnesse in southern Greece, The Journal of Engineering Research, 1, 7-18.

Karagiannidis A., Xirogiannopoulou A., Perkoulidis G. and Moussiopoulos N., 2004, Assessing the collection of urban solid wastes: a step towards municipality benchmarking, *Water, Air and Soil Pollution: Focus* 4, 397-409.

Karagiannidis A., Xirogiannopoulou A., Perkoulidis G. and Moussiopoulos N., 2004, Assessing the collection of urban solid wastes: a step towards municipality benchmarking, *Water, Air and Soil Pollution: Focus*, 4, 397-409.

Karatzas K., Nikolaou K., Moussiopoulos N., 2004, Timely and valid air quality information: The APNEE-TU project, *Fresenius Environmental Bulletin*, 13, 9, 874-878.

Kiourtsidis G.E., Skolianos S.M., Litsardakis G.A., 2004, Aging response of aluminium alloy 2024/Silicon carbide particles (SiCp) composites, *Materials Science & Engineering A*, 382, 351-361.

Koroneos C., Dompros A., Roumbas G. and Moussiopoulos N., 2004, Life cycle assessment of hydrogen fuel production processes, *International Journal of Hydrogen Energy*, 29, 1443-1450.

Koroneos C., Haritakis I., Michaloglou K. and Moussiopoulos N., 2004, Exergy analysis for power plant alternative designs, Part I, *Energy Sources Journal*, 26, 1277-1285.

Koroneos C., Haritakis I., Michaloglou K. and Moussiopoulos N., 2004, Exergy analysis for power plant alternative designs, Part II, *Energy Sources Journal*, 26, 1287-1295.

Koroneos C., Michailidis M. and Moussiopoulos N., 2004, Multi-objective optimization in energy systems: The case study of Lesvos island, Greece, *Renewable and Sustainable Energy Reviews*, 8, 91-100.

Mamakos A., Ntziachristos L. and Samaras Z., 2004, "Comparability of particle emission measurements between vehicle testing laboratories: A long way to go." *Measurement Science and Technology* 15, 1855–1866.

Mathis U., Ristimäki J., Mohr M., Keskinen J., Ntziachristos L., Samaras Z. and Mikkanen P. , 2004, "Sampling Conditions for the Measurement of Nucleation Mode Particles in the Exhaust of a Diesel Vehicle", *Aerosol Science and Technology*, 38:1149–1160.

Maxoulis C., Tsinoglou D. N., Koltsakis G. C., 2004, "Modeling of Automotive Fuel Cell Operation in Driving Cycles", *Energy Conversion & Management*, 45, 559-573.

Mitsi S., Bouzakis K.,-D., Mansour G., Position Analysis in Polynomial form of Planar Mechanism with an ASSUR Group of Class 4 Including One Prismatic Joint, *Mechanism and Machine Theory*, Vol 39/12, pp. 237-245, 2004.

Mitsi S., Bouzakis K.-D., Mansour G. : Position analysis in polynomial form of planar mechanism with an Assur group of class 4 including one prismatic joint.

International Journal "Mechanism and Machine Theory", 39, 2004, pp. 237-245.

Mitsi S., Bouzakis K.-D., Mansour G., Position Analysis in Polynomial Form of Assur Groups of Class 3 and Order 3 Including 2 or 3 Prismatic Joints, Acta Technica Napocensis, Series: Applied Mathematics and Mechanics, 47, Vol. I, pp., 121-128, 2004.

Moussiopoulos N., Helmis C.J., Flocas H.A., Louka P., Assimakopoulos V.D., Naneris C. and Sahm P., 2004, A modelling method for estimating transboundary air pollution in southeastern Europe, Environmental Modelling and Software, 19, 549-558.

Ntziachristos L., Mamakos A., Samaras Z., Mathis U., Mohr M., Thompson N., Stradling R., Forti L., DeServes C., 2004, "Overview of the European "Particulates" Project on the Characterization of Exhaust Particulate Emissions from Road Vehicles: Results for Light-Duty Vehicles", 2004 SAE Transactions, Journal of Fuels and Lubricants, Vol. 113, 1354-1373.

Papadopoulos A.M. and Moussiopoulos N. (2004), Towards an holistic approach for the urban environment and its impact on energy utilization in buildings: The ATREUS project, Journal of Environmental Monitoring, Vol. 6, 841 - 848

Papadopoulos D.P., Konstantinidis I.Ch., Papanastasiou N., Skolianos S. M., Lefakis H., Tsipas D.N., 2004, Mechanical Properties of Al Metal Foams, Materials Letters, 58, 2574-2578

Papakostas K.T. and Papadopoulos A.M., 2004, Energy Requirements for the Treatment of Fresh Air in HVAC Systems: A Case Study for Athens and Thessaloniki, Greece, The International Journal of Ventilation, 3/1, 33-39

Papakostas K.T., Papadopoulos A.M. and Vlahakis I. (2004), Optimization of thermal protection in residential buildings using the variable base degree days method, Int. Journal of Sustainable Energy, Vol. 24, 1, 19 - 32

Rech J., Yen C.-Y., Hamdi H., Altan T., Bouzakis K.-D.: Influence of cutting edge radius of coated tool in orthogonal cutting of alloy steel. The 8th International Conference on Numerical Methods in Industrial Forming Processes, Ohio, USA, June 13-17, 2004.

Sagris D., Mitsi S., Bouzakis K.-D., Mansour G., 5-DOF Robot Base Location Optimization Using a Hybrid Algorithm, Mecatronica, ISSN 1583-7653, Vol. 1/2004, pp. 76-81, 2004.

Sagris D., Mitsi S., Bouzakis K.-D., Mansour G., Geometric Design Optimization of Spatial RR Robot Manipulator Using a Hybrid Algorithm, Acta Technica Napocensis, Series: Applied Mathematics and Mechanics, 47, Vol. II, pp., 717-722, 2004.

Sagris D., Sevasti M., Bouzakis K.-D., Mansour G., 5-DOF Robot Base Location Optimization Using a Hybrid Algorithm, *Mecatronics*, ISSN 1583-7653, Vol. 1/2004, pp. 76-81, 2004.

Seferlis P., and N. F. Giannelos, "A Two-Layered Optimization-Based Control Strategy for Multi-Echelon Supply Chain Networks", *Computers and Chemical Engineering*, 28, 799-809, 2004.

Teunter R., van der Laan E., Vlachos D., 2004, Inventory Strategies for Systems with Fast Remanufacturing, *Journal of the Operational Research Society*, 55, 475-484.

Thompson N., Ntziachristos L., Samaras Z., Aako P., Wass U., Hausberger S., Sams Th., 2004, "Overview of the European "Particulates" Project on the Characterization of Exhaust Particulate Emissions from Road Vehicles: Results for Heavy-Duty Vehicles", 2004 SAE Transactions, *Journal of Fuels and Lubricants*, Vol. 113, 1374-1386.

Tsiafis I., Bouzakis K.-D., Michailidis N., Lontos A., Anastopoulos I. : Experimental-analytical procedures to determine the performance of epoxy resins under various mechanical loadings. *International Journal of Balkan Tribological Association*, Vol. 10, No 1, pp. 60-72, 2004.

Tsiafis I., Bouzakis K.-D., Michailidis N., Lontos A., Anastopoulos I. : Mechanical properties determination of various epoxy resins by means of nanoindentations. *International Journal of Balkan Tribological Association*, Vol. 10, No 1, pp. 73-80, 2004.

Tsiafis, I., Bouzakis, K.-D., Michailidis, N., Lontos, A., Anastopoulos, I., Mechanical Properties Determination of Various Epoxy Resin by Means of nanoindentations, *Journal of the Balkan Tribological Association*, Vol 10, No 1, pp. 73 - 80, 2004.

Tsiafis, I., Bouzakis, K.-D., Michailidis, N., Lontos, A., Anastopoulos, I., Experimental – Analytical Procedures to Determine the Performance of Epoxy Resin under Various Mechanical Loading, *Journal of the Balkan Tribological Association*, Vol 10, No 1, pp. 60 - 72, 2004.

Tsiafis, I., Sampsonidis, D., Petridou, Ch., Bouzakis, K.-D., Design and Construction of the BIS8 MDT Chambers for the ATLAS Muon Spectrometer, *Mechatronics*, 1/2004 p.p. 88-92, 2004.

Tsilingiridis G., Martinopoulos G., Kyriakis N. ,2004,: Environmental performance of thermosyphonic domestic solar hot water systems under different climatic conditions: A case study for Greece. *Global NEST, the Int. J.*, Vol. 6, No.3, pp 183-195.

Tsilingiridis G., Martinopoulos G., Kyriakis N. ,2004,: Life cycle environmental impact of a thermosyphonic domestic solar hot water system in comparison with electrical and gas water heating. *Renewable Energy*, Vol. 29/8, pp 1277-1288.

Tsinoglou D. N., Koltsakis G. C., Misirlis D., Yakinthos K. , 2004, "Modeling of Flow Distribution During Catalytic Converter Light-Off", International Journal of Vehicle Design, Vol. 34, No. 3.

Tsinoglou D. N., Koltsakis G. C., Misirlis D., Yakinthos K., 2004, "Transient Modeling of Flow Distribution in Automotive Catalytic Converters", Applied Mathematical Modeling, Volume 28, Issue 9, Pages 775-861.

Tsinoglou D. N., Koltsakis G.C. , 2004, Modeling the Effect of Flow Pulsations in Close-Coupled Catalytic Converter Light-off, SAE Transactions, Journal of Fuels and Lubricants.

Tsinoglou D., Koltsakis G., Missirlis D. and Yakinthos K. Modelling of flow distribution during catalytic converter light-off. Int. J. Vehicle Design, Vol. 34, N.3, 2004, pp. 231-259

Καραβιδές Γ., Παπαδόπουλος Α.Μ., Αθανασάκη Μ. (2004), Πράσινα πιστοποιητικά παραγωγής ηλεκτρικής ενέργειας, Ενέργεια και Δίκαιο, Τεύχος 2, 65-70

Κυριάκης Ν., Μιχόπουλος Α., Πάπτας Κ., 2004, Πρώτος χρόνος λειτουργίας του γεωεναλλάκτη Πυλαίας. Ενεργειακή αξιολόγηση, Τεχνικά Χρονικά, 1-2, 41-48

Παπαδόπουλος Α.Μ, Οξυζίδης Σ., Δούκας Χ. και Σαμλίδης Ι. (2004), Περιορισμοί και δυνατότητες προώθησης της ηλιακής ψύξης στον κτιριακό τομέα , ΚΤΙΠΙΟ, Επιστημονική Έκδοση, Α-Β, 41-50

Tsiafis I., Bouzakis K.-D., Michailidis N., Lontos A., Anastopoulos I., Experimental-analytical procedures to determine the performance of epoxy resins, under various mechanical loadings, Journal of Balkan Tribological Association, vol. 10, No. 1, 60-72 (2004).

Tsiafis I., Bouzakis K.-D., Michailidis N., Lontos A., Anastopoulos I., Mechanical properties determination of various epoxy resins by means of nanoindentations, Journal of Balkan Tribological Association, vol. 10, No. 1, 73-80 (2004).

2005

Bouzakis K.-D., Andreadis G., Vakali A., Karapidakis E., 2005, Automation of the Process 'Designing-Machining' of a Workpiece via Internet Using XML, International Journal of Manufacturing Science and Production, Vol. 6, No. 4, 153-162

Bouzakis K.-D., Michailidis N., Skordaris G., Hardness determination, by means of a fem supported simulation of nanoindentation and applications in thin hard coatings, Surface and Coatings Technology, 200 (2005) 867-871.

Bouzakis K.-D., Skordaris G., Michailidis N., Asimakopoulos A., Erkens G., Effect on PVD coated cemented carbides inserts cutting performance of micro-blasting and polishing on their substrates, Surface and Coatings Technology, 200 (2005) 128-132.

- Bouzakis K.-D., Skordaris G., Mirisidis I., Mesomeris G., Michailidis N., Pavlidou E., Erkens G., Micro-blasting of PVD films, an effective way to increase the cutting performance of coated cemented carbide tools, CIRP Annals – Manufacturing Technology, vol. 54/1/2005, 95-98.
- Bouzakis K.-D., Skordaris G., Mirisidis I., Michailidis N., Mesomeris G., Pavlidou E., Erkens G., Cutting performance improvement through micro-blasting on well-adherent PVD films on cemented carbides inserts, Surface and Coatings Technology, 200 (2005) 1879-1884.
- Bouzakis K.-D., Skordaris G., Mirisidis I., Michailidis N., Mesomeris G., Pavlidou E., Erkens G.: Cutting performance improvement through micro-blasting on well-adherent PVD films on cemented carbide inserts. Surface & Coatings Technology, Vol. 200 (2005), pp. 1879-1884.
- Dalaouti N, Seferlis P., 2005, Design Sensitivity of Reactive Absorption Units for Improved Dynamic Performance and Cleaner Production: The NOx Removal Process, Journal of Cleaner Production, 13, 1461-1470.
- Erkoc M., Iakovou E., Spaulding A., 2005, Multi-Stage Onboard Inventory Management Policies for Food and Beverage Items in Cruise Line Operations, Journal of Food Engineering 70, 269-279.
- Georgiadis P., Besiou M., Vlachos D., Iakovou E., 2005, A Comprehensive Methodological Framework for Sustainable Supply Chains, IASME Transactions, 2, 4, 569-574.
- Georgiadis P., Vlachos D., Iakovou E., 2005, A System Dynamics Modeling Framework for the Strategic Supply Chain Management of Food Chains, Journal of Food Engineering, 70, 3, 351-364.
- Giechaskiel B., Ntziachristos L., Samaras Z., Vogt R., Sheer V., Casati R., 2005, Comparability of Exhaust Particle Size Distributions Measured on-road and in the Laboratory, Atmospheric Environment, 39/18, 3191-3198.
- Karagiannidis A., Perkoulidis G., Papadopoulos A., Moussiopoulos N. and Tsatsarelis T., 2005, Characteristics of wastes from electric and electronic equipment in Greece: results of a field survey, Waste Management and Research 23, 381-388.
- Karagiannidis A., Xirogiannopoulou A. and Moussiopoulos N., 2005, Studying the applicability of variable rate pricing in solid waste management in Greece, International Journal of Environment and Pollution 23, 189-204.
- Koltsakis G. C., Haralampous O. A., Margaritis N., Samaras Z. C., Vogt C-D., Ohara E., Watanabe Y., Mizutani T., 2005, “3-dimensional Modeling of the Regeneration in SiC Particulate Filters”, 2005 SAE Transactions, Journal of Fuels and Lubricants, Vol. 114, 393-408.
- Koltsakis G.C, Margaritis N. K., Haralampous O. A., Samaras Z. C. , 2006, Development and Experimental Validation of a NOx Trap Model for Diesel Exhaust, SAE Transactions, Journal of Fuels and Lubricants.

Koroneos C., Dompros A., Roumbas G. and Moussiopoulos N., 2005, Advantages of the use of hydrogen fuel as compared to kerosene, Resources, Conservation and Recycling, 44, 99-113.

Koroneos C., Dompros A., Roumbas G., Moussiopoulos N., 2005, Life cycle assessment of kerosene used in aviation, International Journal of Life Cycle Assessment, 10, 6, 417-424.

Koroneos C., Fokaidis P. and Moussiopoulos N., 2005, Cyprus energy system and the use of renewable energy sources, Energy, 30, 1889-1901.

Koroneos C., Roumbas G. and Moussiopoulos N., 2005, Exergy analysis of cement production, International Journal of Exergy, 2, 55-68.

Koroneos C., Roumbas G. and Moussiopoulos N., 2005, The Dodecanese energy system, International Journal of Global Energy Issues, 23, 43-70.

Koroneos C., Roumbas G., Gabari Z., Papagiannidou E. and Moussiopoulos N., 2005, Life cycle assessment of beer production in Greece, Journal of Cleaner Production, 13, 433-439.

Koroneos C., Zairis N., Charaklias P. and Moussiopoulos N., 2005, Optimization of energy production system in the Dodecanese Islands, Renewable Energy, 30, 195-210.

Mansour G., Mitsi S., Bouzakis K.-D., Sagris D., Varitis E. : Optimization of point clouds registration by means a hybrid algorithm. Annasl of "Dunarea de Jos" University of Galati, Fascicle XIV Mechanical Engineering, ISSN 1224-5615, 2005, pp. 5-10.

Mansour G., Mitsi S., Bouzakis K.-D., Sagris D., Varitis E., Optimization of Point Clouds Registration by Means of a Hybrid Algorithm, The Annals of "Dunarea De Jos" University of Galati, Fascicle XIV, Mecahnical Engineering, Year XI, ISSN 1224 – 5615, pp5-10, 2005

Mihailidis A., Drivakos N., Salpistis C., Panagiotidis K., 2005, Experimental Investigation of the Lubrication of Opposite Running Disks, Journal of the Balkan Tribological Association, Vol. 11, No 3, 419-428.

Missirlis D., Yakinthos K., Palikaras A., Katheder K., Goulas A., 2005, Experimental and numerical investigation of the flow field through a heat exchanger for aero-engine applications. Int. J. Heat Fluid Flow, 26, 3, 440-458.

Mitsi S., Bouzakis K.-D., Mansour G., Sagris D., Maliaris G., Off-line Programming of an Industrial Robot for Manufacturing, Intern. Journal of Advanced Manufacturing Technology, Vol.26, pp 262-267, 2005.

Moussiopoulos N. and Douros I., 2005, Efficient calculation of urban scale air pollutant dispersion and transformation using the OFIS model within the framework of CityDelta, International Journal of Environment and Pollution, 24, 64-74.

Moussiopoulos N., Ossanlis I. and Barmpas Ph., 2005, A study of Heat Transfer effects on Air Pollutants Dispersion in street canyons by numerical simulations, *International Journal of Environment and Pollution*, 25, No 1-2-3-4, 131-144.

Nitis T., Kitsiou D., Klaić Z.B., Prtenjak M.T. and Moussiopoulos N., 2005, The effects of basic flow and topography on the development of the sea breeze over a complex coastal environment, *Quarterly Journal of the Royal Meteorological Society*, 131, 305-327.

Ntziachristos L., Giechaskiel B., Pistikopoulos P. and Samaras Z., 2005, "Comparative Assessment of Two Different Sampling Systems for Particle Emission Type-Approval Measurements", 2005 SAE Transactions, *Journal of Fuels and Lubricants*, Vol. 114, 117-130.

Ntziachristos L., Kouridis C., Samaras Z. and Pattas K., 2005, "A Wind-Power Fuel Cell Hybrid System Study on the Non-Interconnected Aegean Islands Grid", *Renewable Energy*, Vol. 30/10, 1471-1487.

Ntziachristos L., Pistikopoulos P. and Samaras Z., 2005, "Particle Characterisation from Two-Stroke Powered Two-Wheelers" *International Journal of Engine Research*, Vol.6, pp.263-275.

Ntziachristos L., Samaras Z. and Pattas K., 2005, "Potential for the Use of Renewable Energy Sources as Exclusive Electrical Power Providers in the Non-Interconnected Greek Grid" *Technika Chronika Scientific Journal of the Technical Chamber of Greece*, IV, No. 1 - 2/2005, pp. 9-21 (in Greek).

Ntziachristos L., Samaras Z., Zervas E. and Dorlhène P., 2005, "Effects of a Catalyzed and an Additized Particle Filter on the Emissions of a Diesel Passenger Car Operating on Low Sulphur Fuels", *Atmospheric Environment*, Vol. 39/27, 4925-4936.

Papadopoulos A.M. (2005), State of the art in thermal insulation materials and aims for future developments, *Energy and Buildings*, Volume 37, Issue 1, 77-86

Papakostas K., Kyriakis N., 2005, Heating and cooling degree-hours for Athens and Thessaloniki - Greece, *Renewable Energy*, 30/12, 1873-1880

Papakostas K.T., Papadopoulos A.M. and Vlahakis I.G., 2005, Optimization of thermal protection in residential buildings using the variable base degree-days method, *International Journal of Sustainable Energy*, 24/1, 19-31

R. San Jose, A. Stohl, K. Karatzas, T. Bohler, P. James and J.L. Perez: A modelling study of an extraordinary night time ozone episode over Madrid domain (2005), *Environmental Modelling and Software* 20, 587-593

Rech J., Yen C.-Y., Schaff J.M., Hamdi H., Altan T., Bouzakis K.-D.: Influence of cutting edge radius on the wear resistance of PH-HSS milling inserts. *Journal Wear*, 259 (2005), pp. 1168-1176.

Rijkeboer R., Bremmers D.A., Samaras Z. and Ntziachristos L., 2005, "PM regulation for 2-Stroke two-wheelers: Necessity or haphazard legislation?", *Atmospheric Environment*, Vol. 39/132499-2506.

Skolianos S.M., Mavropoulos A.A., 2005, Solidification microstructure and heterogeneous nucleation phenomena in cast SiCp-hypereutectic Al-Si alloy composites, *Scandinavian Journal of Metallurgy*, 34, 16-21.

Theodosiou G. Koroneos C. and Moussiopoulos N., 2005, Alternative scenarios analysis concerning different types of fuels used for the coverage of the energy requirements of a typical apartment building in Thessaloniki, Greece, Part II: Life cycle analysis, *Building and Environment*, 40, 1602-1610.

Tsiafis I., Bouzakis K.-D., Michailidis N., Asimakopoulos A., Korlos A. : Experimental-computational determination of epoxy resin mechanical properties, used in assembly applications. *Annals of "Dunarea de Jos" University of Galati, Fascicle XIV Mechanical Engineering*, ISSN 1224-5615, 2005, pp. 26-32.

Tsiafis, I., Bouzakis, K.-D., Michailidis, N., Asimakopoulos, A., Korlos, A., Experimental-Computational Determination of Epoxy Resin Mechanical Properties, used in Assembly Applications, *The Annals Of "Dunarea De Jos" University Of Galati Fascicle XIV Mechanical Engineering*, ISSN1224-5615, pp.26-32, 2005.

Tsinoglou D. N., Koltsakis G.C. , July 2005, Influence of Pulsating Flow on Close-Coupled Catalyst Performance, *ASME Journal of Gas Turbines & Power*, Vol. 127, p. 676.

Verros, G., Natsiavas, S. and Papadimitriou, C., "Design Optimization of Quarter Car Models with Passive and Semi-active Suspensions under Random Excitation," *Journal of Vibration and Control*, Vol. 11, pp. 581-606, 2005.

Vouitsis E., Ntziachristos L. and Samaras Z., 2005, "Modelling of Diesel Exhaust Aerosol During Laboratory Sampling", *Atmospheric Environment*, 39/7 pp 1335-1345.

Tsiafis I., Bouzakis K.-D., Michailidis N., Asimakopoulos A., Korlos A., *The annals of "Dunarea de Jos" University of Galati, Fascicle XIV Mechanical Engineering*, ISSN1224-5615, (2005) 26-32.

2006

Arvanitis A., Moussiopoulos N., 2006, Estimating long term urban exposure to particulate matter and ozone in Europe, *Environmental Modelling and Software*, 21, 4, 447-453.

Babalís S., Papanikolaou E., Kyriakis N., Belessiotis V., 2006, Evaluation of Thin-Layer Drying Models for Describing Drying Kinetics of Figs (*figus carica*), *Journal of Food Engineering*, 75, 205-214

Bouzakis K.-D., Anastopoulos J., Asimakopoulos A., Michailidis N., Erkens G., Wear development of cemented carbide inserts coated with mono and multilayer PVD films, considering their strength properties, adhesion and the cutting loads, *Surface and Coatings Technology*, 201 (2006) 4395-4400.

Bouzakis K.-D., Andreadis G., Vakali A., 2006, A Web Service Providing Communication between Designers and Manufacturers of Prismatic Parts, *International Journal of Manufacturing Science and Technology*, Vol. 8, No. 1, 84-90

Bouzakis K.-D., Andreadis G., Vakali A., Katsonis P., 2006, An agent-driven approach for mechanical design and manufacture, *International Journal of Production Engineering and Computers*

Bouzakis K.-D., Andreadis G., Vakali A., Sarigiannidou M., 2006, A Web based framework supporting collaboration in the manufacturing process, *The Annals of "Dunarea De Jos"*, Volume XIV, 5-11.

Bouzakis K.-D., Hadjiyiannis S., Skordaris G., Mirisidis I., Michailidis N., Erkens G., Wear development on cemented carbide inserts, coated with variable film thickness in the cutting wedge region, *Journal of Balkan Tribological Association*, vol. 12, No. 1, 40-50 (2006).

Bouzakis K.-D., Michailidis N., An accurate and fast approach for determining materials stress-strain curves by nanoindentation and its FEM-based simulation, *Materials Characterization*, 56 (2006) 147-157.

Bouzakis K.-D., Michailidis N., Indenter surface area and hardness determination by means of a FEM-supported simulation of nanoindentation at low penetration depths, *Thin Solid Films*, 494 (2006) 155-160.

Bouzakis K.-D., Michailidis N.: An accurate and fast approach to determine materials stress-strain curves by means of an algorithm based on nanoindentations and their FEM simulation. *Journal "Materials Characterisation"*, Vol. 56 (2006), pp. 147-157.

Bouzakis K.-D., Michailidis N.: Indenter surface area and hardness determination by means of a FEM-supported simulation of nanoindentation at low penetration depths. *Surface & Coatings Technology*, Vol. 494 (2006), pp. 155-160.

Bouzakis K.-D., Mirisidis I., Michailidis N., Skordaris G., Lili E., Sampris A., Pavlidou E., Erkens G., I. Wirth, Impact resistance of PVD films and milling performance of coated tools at various temperature levels, *CIRP Annals – Manufacturing Technology*, vol. 55/1/2006, 67-70.

Bouzakis K.-D., Mirisidis I., Michailidis N., Skordaris G., Lili E., Sampris A., Pavlidou E., Erkens G., Wirth I.: Impact resistance of PVD films and milling performance of coated tools at various temperature levels. *Annals of the CIRP*, Vol. 55/1/2006, pp. 67-70.

Bouzakis K.-D., S. Mitsi, Michailidis N., Mirisidis I., Mesomeris G., Maliaris G., Korlos A., Kapetanios G., Antonarakos P., Anagnostidis K., Loading simulation of lumbar spine vertebrae during a compression test using the finite elements method and trabecular bone strength properties, determined by means of nanoindentations, *Journal of Balkan Tribological Association*, vol. 12, No. 4, 444-453 (2006).

Bouzakis K.-D., Skordaris G., Hadjiyiannis S., Mirisidis I., Michailidis N., Erkens G., I. Wirth, The effect of annealing duration at deposition temperature on the strength properties gradation of PVD films and on the wear behaviour of coated cemented carbide inserts, *Surface and Coatings Technology*, 200 (2006) 4500-4510.

Bouzakis K.-D., Skordaris G., Hadjiyiannis S., Mirisidis I., Michailidis N., Erkens G., Wear behaviour of PVD coated tools with respect to annealing treatments, *Journal of Balkan Tribological Association*, vol. 12, No. 1, 51-66 (2006).

Bouzakis K.-D., Skordaris G., Hadjiyiannis S., Mirisidis I., Michailidis N., Erkens G., Wirth I.: The effect of annealing duration at deposition temperature on the strength properties gradation of PVD films and on the wear behaviour of coated cemented carbides inserts. *Surface & Coatings Technology*, 200 (2006), pp. 4500-4510.

Dalaouti N, Seferlis P., 2006, A unified modeling framework for the optimal design and dynamic simulation of staged reactive separation processes, *Computers and Chemical Engineering*, 30, 1264-1277.

Dardiotis C., Haralampous O., Koltsakis G., 2006, Catalytic Oxidation Performance of Wall-Flow vs Flow-through Monoliths for Diesel Emissions Control, *Industrial & Engineering Chemistry Research*, 45, 10, 3520-3530.

Fontaras G., Samaras Z., 2006, A quantitative analysis of the European Automakers' voluntary commitment to reduce CO₂ emissions from new passenger cars based on independent experimental data, *Energy Policy*, 35/4, 2239-2248.

Geller M., Ntziachristos L., Mamakos A., Samaras Z., Schmitz D., Froines J., Sioutas C., 2006, Physicochemical and Redox Characteristics of Particulate Matter (PM) Emitted from Gasoline and Diesel Passenger Vehicles, *Atmospheric Environment*, 40/36, 6988-7004.

Georgiadis P., Iakovou E., Vlachos D., Besiou M., 2006, A System Dynamics Approach of Ecological Motivation in Sustainable Supply Chains, *WSEAS Transactions on Systems*, 1, 5, 48-55.

Georgiadis P., Vlachos D., Tagaras G., 2006, The Impact of Product Lifecycle on Capacity Planning of Closed-Loop Supply Chains with Remanufacturing, *Production Operations Management*, 15, 4, 514-527.

- Giagopoulos, D., Salpistis, C., Natsiavas S., 2006, Effect of Nonlinearities in the Identification and Fault Detection of Gear-Pair Systems, *International Journal of Non-Linear Mechanics*, 41, 213-230.
- Giannouli M., Samaras Z., Keller M., deHaan P., Kallivoda M., Sorenson S., Georgakaki A., 2006, Development of a database system for the calculation of indicators of environmental pressure caused by transport, *The Science of Total Environment*, 357/1-3, 247-270.
- Iakovou E., 2006, A New Paradigm for Logistics and Supply Chain Management of Lubricants, *Journal of the Balkan Tribological Association* 12, 1, 120-132.
- Karagiannidis A., Moussiopoulos N., Samaras Z., Chrysochoou M., Rakimbei P., 2006, Solid waste analysis and characterisation in the frame of current European environmental legislation, *Journal of Sustainable Planning and Development* 1, 4, 464-475.
- Karagiannidis A., Xirogiannopoulou A. and Moussiopoulos N., 2006, On the effect of demographic characteristics on the formulation of solid waste charging policy, *Waste Management* 26, 2, 110-122.
- Kasseris E., Samaras Z. and Zafeiris D., 2006, "Optimization of a Wind-Power Fuel-Cell Hybrid System in an Autonomous Electrical Network Environment" *Renewable Energy*, Vol. 32/1, 57-79.
- Koltsakis G., Margaritis N., Haralampous O., Samaras Z., 2006, "Development and Experimental Validation of a NOx Trap Model for Diesel Exhaust", accepted in 2006 SAE Transactions, SAE paper 2006-01-0471.
- Koltsakis G.C, Konstantinou A., Haralampous O. A., Samaras Z. C. , 2006, Measurement and Intra-Layer Modeling of Soot Density and Permeability in Wall-flow Filters, *SAE Transactions, Journal of Fuels and Lubricants*.
- Koroneos C., Stylos N.D. and Moussiopoulos N., 2006, LCA of multicrystalline silicon photovoltaic systems - Part I: Present situation and future perspectives, *International Journal of Life Cycle Assessment* 11, 2, 129-136.
- Koroneos C., Stylos N.D. and Moussiopoulos N., 2006, LCA of multicrystalline silicon photovoltaic systems - Part II, Application on an island economy, *International Journal of Life Cycle Assessment* 11, 3, 183-188.
- Kyriakis N., Michopoulos A., Pattas K., 2006, On the Maximum Thermal Load of Ground Heat Exchangers, *Energy and Buildings*, 38/1, 25-29
- Mamakos A., Ntziachristos L., Samaras Z., 2006, "Evaluation of the Dekati Mass Monitor for the Measurement of Exhaust Particle Mass Emissions" *Environmental Science and Technology*, 40(15) pp 4739 - 4745.
- Mansour G., Bouzakis K.-D., Sagris D., Varitis E., Pappa M., Reverse Engineering of Parts Using 3D Measuring Device (CMM) by Means of Splines, *Acta Technica Napocensis*, 49, vol III, pp.575-582, 2006

Mellios G., Samaras Z. and R. Van Aalst, 2006, "Validation of road traffic urban emission inventories by means of concentration data measured at air quality monitoring stations in Europe", *Atmospheric Environment*, Vol. 40/38, 7362-7377.

Mitsi S., Bouzakis K.-D., Mansour G., Popescu I, Position Analysis in Polynomial Form of Assur Groups of Class 3 and Order 3 with two and three Prismatic Joints, *Mechanisms and Manipulators*, vol. 5, Nr. 2, pp. 31-36, 2006.

Mitsi S., Bouzakis K.-D., Sagris D., Mansour G., Determination of Optimum Robot Base Location Considering Discrete End-effector Positions by Means of Hybrid Genetic Algorithm, *Robotics and Computer-Integrated Manufacturing*, On-line: <http://dx.doi.org/10.1016/j.rcim.2006.08.003>., 2006.

Mitsi S., Bouzakis K.-D., Mansour G., Popescu I, Position Analysis in Polynomial Form of Assur Groups of Class 3 and Order 3 with two and three Prismatic Joints, *Journal Mechanisms and Manipulators*, vol. 5, Nr. 2, 2006, pp. 31-36, 2006

Moussiopoulos N., Papalexiou S. and Sahm P., 2006, Wind flow and photochemical air pollution in Thessaloniki, Greece - Part I: Simulations with the European Zooming Model, *Environmental Modelling and Software* 21, 12, 1741-1751.

Nenes, G. and G. Tagaras, "The Economically Designed CUSUM Chart for Monitoring Short Production Runs," *International Journal of Production Research*, Vol. 44, No. 8, pp. 1569-1587, 2006.

Ntziachristos L. and Samaras Z., 2006, "Consistency of the Measurements of Exhaust Particle Properties from Diesel Passenger Cars", *Atmospheric Environment*, Vol. 40/31, 6032-6042.

Ntziachristos L., Mamakos A., Samaras Z., Hausberger S. and Rexeis M., 2006, "Diesel Particle Exhaust Emissions from Light Duty Vehicles and Heavy Duty Engines", accepted in 2006 SAE Transactions, SAE paper 2006-01-0866.

Ntziachristos L., Mamakos A., Samaras Z., Xanthopoulos A., Iakovou E., 2006, "Emission Control Options for Power Two Wheelers in Europe" *Atmospheric Environment* Vol. 40/24, 4547-4561.

Pachon J., Iakovou E., Ip C., 2006, Vehicle Fleet Planning in the Car Rental Industry, *Journal of Revenue and Pricing Management* 5, 221-236.

Papadopoulos A.M., Karagiannidis A. (2006), Application of the MCA method Electre III for the optimisation of decentralised energy systems, *OMEGA*, available at <http://dx.doi.org/10.1016/j.omega.2006.01.004>

Papadopoulos A.M., Stylianou A., Oxizidis S. (2006), Impact of energy pricing on buildings' energy design, *Management of Environmental Quality*, Volume 17, 6, 753-762.

Papalexioiu S. and Moussiopoulos N., 2006, Wind flow and photochemical air pollution in Thessaloniki, Greece - Part II: Statistical evaluation of European Zooming Model's simulation results, *Environmental Modelling and Software* 21, 12, 1752-1758.

Sampsonidis, D., Petridou, Ch., Valderanis, Ch., Paschalias, P., Krepouri, A., Tsiafis, I., Bouzakis, K., Wotschack, J., Ekonomou, K., Construction of the BIS MDT Chamber Module 0, ATL-MUON-INT-2006-001. Geneva: CERN, pp 1-18, 2006.

Savaidis G., Bauer W., Bayer M., Streicher M., 2006, Werkstoff- und Fertigungseinfluss auf die Schwingfestigkeit geschweißter Omnibusstrukturteile, *Materials Testing*, 48, 7-8, 365-369.

Schuepbach E., Brimblecombe P., Moussiopoulos N., Jacob M., Übelis A., Kobernus M. and Arflot A., 2006, Learning about Inter- and Transdisciplinarity in Atmospheric Sciences: Training of Early-Career Scientists in ACCENT, *IGACTivities Newsletter*, 34, 27-31.

Slini T., Kaprara A., Karatzas K. and Moussiopoulos N., 2006, PM10 forecasting for Thessaloniki, Greece, *Environmental Modelling and Software* 21, 4, 559-565.

Tchobanoglous G., Karagiannidis A., Leverenz H., Cadji M. and Antonopoulos I., 2006, Sustainable waste management at special events using reusable dishware: The example of whole earth festival at the University of California in Davis, *Fresenius Environmental Bulletin* 15, 8a, 822-828.

Tsiafis I., Bouzakis K.-D., Michailidis N., Asimakopoulos A., Korlos A., Epoxy resin mechanical properties determination in assembly applications by means of FEM simulations, *Journal of the Balkan Tribological Association*, Vol 12, No 1, pp 77-84, 2006.

Voutetakis S., Seferlis P., Papadopoulou S., and G. Kyriakos, "Model-based Control of Energy Requirements for a Fluidised Furnace Reactor", *Energy*, 31, 2418-2427, 2006.

Παπακώστας Κ., Τσιλιγκιρίδης Γ., Κυριάκης Ν., 2006, Βαθμοημέρες Θέρμανσης 50 Ελληνικών Πόλεων, *Τεχν. Χρον. Επιστ. Εκδ. ΤΕΕ*, IV/1-2

Tsiafis I., Bouzakis K.-D., Michailidis N., Asimakopoulos A., Korlos A., Epoxy resin mechanical properties determination in assembly applications by means of FEM simulations, *Journal of Balkan Tribological Association*, vol. 12, No. 1, 77-84 (2006).

Άρθρα σε πρακτικά συνεδρίων με κριτές

2001

Arvanitis A., Moussiopoulos N. and Kephelopoulou S., 2001, Development and testing of an aerosol module for regional/urban scales, Proceedings of the 2nd Conference on Air Pollution Modelling and Simulation, Ed. Sportisse B., CHAMPS-SUR-MARNE, France, 9-12 April, 277-288.

Assimakopoulos V., Apsimon H. and Moussiopoulos N., 2001, Numerical modelling of dispersion of atmospheric pollution in and above urban canopies, Proceedings of the 7th Conference on Environmental Science and Technology, Ed. Lekkas Th., SYROS, Greece, 3-6 September, Vol. 1, 69-75.

Assimakopoulos V., Moussiopoulos N. and ApSimon H., 2001, Three-dimensional numerical modelling of air flow in a finite array of square buildings, Proceedings of the 7th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, Eds. Olesen H.R. and Wichmann M., BELGIRATE, Italy, 28-31 May, 329-333, CD-ROM edition.

Bøhler T., Karatzas K., San Jose R., Rose T., Peinel G., Canet J.-M., Lindberg J.E. Martinez J., Castromil S., Geneve C., Ferreras A., Asheim R. and Moussiopoulos N., 2001, Air Pollution Network for early warning and on-line information exchange in Europe, Proceedings of the 3rd International Conference on Urban Air Quality, Eds. Sokhi R. S. and Bartzis J. G., LOUTRAKI, Greece, 19-23 March, CD-ROM edition.

Bouzakis K., Efstathiou K., Aichouh P., 2001 Determination of the chip geometry, cutting force and roughness in free form surfaces finishing milling, with ball end tools. 34th CIRP Seminar on Manufacturing Systems/Technology and Challenges for the 21st Century, 16-18 May, Athens, pp. 185-193.

Bouzakis K., Michailidis N., Efstathiou K., 2001, Investigation of mechanical properties, fatigue failure and wear development of coated tools in milling by means of experimental and FEM supported process simulation results. 34th CIRP Seminar on Manufacturing Systems/Technology and Challenges for the 21st Century, 16-18 May, Athens, pp.303-312.

Bouzakis K., Michailidis N., Efstathiou K., Erkens G., 2001, Improvement of PVD coated inserts milling performance, through appropriate tool parameters optimization. 7th International Conference on Production Engineering, Design and Control, 13-15 February in Alexandria, pp. 1197-1219.

Bouzakis K., Michailidis N., Efstathiou K., Hadjiyiannis S., Skordaris G., 2001, Mechanical properties, fatigue failure and milling performance investigations of coated tools, investigated through innovative FEM supported experimental procedures. 7th International Conference on Tribology (Yutrib' 01), Beograd 11-12 October 2001, pp 1/19 - 1/30.

Bouzakis K.–D. Bouzakis, Michailidis N., Efstathiou K., Hadjiyiannis S., Skordaris G., Mechanical properties, fatigue failure and milling performance of coated tools, investigated through innovative FEM supported experimental

procedures, Proceedings of 7th Yugoslav Tribology Conference with international participation YuTrib 2001, 11-12 October 2001, pp: 1/19-1/40.

Bouzakis K.-D., Michailidis N., Hadjiyiannis S., Enhancement of PVD coated inserts milling performance, by means of tool and coating parameters optimization, Proceedings of 2nd International Conference "THE Coatings" in Manufacturing Engineering, Hannover Germany, May 9-10, (2001), pp: P3/1-23.

Bouzakis K.-D., Aichouh P., Efstathiou K.: Determination of the chip geometry, cutting force and roughness in free form surfaces finishing milling, with ball end tools. 34th CIRP Seminar on Manufacturing Systems/Technology and Challenges for the 21st Century, 16-18 May, Athens, 2001, pp. 185-193

Bouzakis K.-D., Andreadis G., 2001, Implementation of an algorithm for the determination of a workpiece internal features for Computer Aided Process Planning, CIRP 34th International Seminar on Manufacturing Systems, Athens, 175-180.

Bouzakis K.-D., Andreadis G.: Implementation of an algorithm for the determination of a workpiece internal features, for Computer Aided Process Planning. 34th CIRP Seminar on Manufacturing Systems/Technology and Challenges for the 21st Century, 16-18 May, Athens, 2001, pp. 175-179.

Bouzakis K.-D., David K., Siganos A., Leyendecker T., Erkens G.: Investigation of the fatigue failure progress of PVD elastoplastic coatings with various roughness during the impact testing. International Conference on Metallurgical Coatings and Thin Films, San Diego, USA, April 30, 2001, pp. 116.

Bouzakis K.-D., Kombogiannis S.: Wear prediction of PVD coated HSS tools in gear hobbing. 34th CIRP Seminar on Manufacturing Systems/Technology and Challenges for the 21st Century, 16-18 May, Athens, 2001, pp. 265-273.

Bouzakis K.-D., Korlos A.: FEM-Simulation of the multi axis tube bending to improve the process accuracy. 34th CIRP Seminar on Manufacturing Systems/Technology and Challenges for the 21st Century, 16-18 May, Athens, 2001, pp. 151-154.

Bouzakis K.-D., Koutoupas G.: Chipboard layers strength determination through evaluation of cutting force measurements in chipboard milling. 34th CIRP Seminar on Manufacturing Systems/Technology and Challenges for the 21st Century, 16-18 May, Athens, 2001, pp. 131-137.

Bouzakis K.-D., Lontos A., David K., Kechagias V.: Creep behaviour prediction and optimum design of plasma sprayed coatings with intermediate bonding layer. International Conference "THE" Coatings 2001, Hannover, pp. C1/1-10.

Bouzakis K.-D., Lontos A., David K., Maliaris G.: An evaluation software of the impact test results to quantify the creep behaviour of monolayer thick plasma sprayed coatings. International Conference on Metallurgical Coatings and Thin Films, San Diego, USA, April 30, 2001, pp. 74.

Bouzakis K.-D., Michailidis N., Anastopoulos J., Kompogiannis S., Erkens G., P. Rudnik, Investigations to determine convenient geometry and coating

parameters for cutting sticks used in bevel gear manufacturing, 28th International Conference on Metallurgical Coatings and Thin Films (ICMCTF), April 30- May 4, 2001, San Diego, CA, USA.

Bouzakis K.-D., Michailidis N., Anastopoulos J., Kompogiannis S., Erkens G., Rudnik P.: Milling performance of PVD coated bevel gear cutting sticks for various tool pre-and post-treatments. International Conference "THE" Coatings 2001, Hannover, pp. T7/1-10.

Bouzakis K.-D., Michailidis N., Anastopoulos J., Kompogiannis S., Erkens G., Rudnik P.J., Milling performance of pvd coated bevel gear cutting sticks for various substrate and coating surface mechanical treatments, Proceedings of 2nd International Conference "THE Coatings" in Manufacturing Engineering, Hannover Germany, May 9-10, (2001), pp: T7/1-10.

Bouzakis K.-D., Michailidis N., Efstathiou K., Erkens G., Improvement of PVD coated inserts milling performance, through appropriate tool parameters optimization, Proceedings of 7th International Conference on Production Engineering and Design Control, 13-15 February 2001, Alexandria-Egypt, vol. II, (2001), pp: 1197-1219.

Bouzakis K.-D., Michailidis N., Efstathiou K., Hadjiyiannis S., Erkens G., Rambadt S., Wirth I.: Improvement of PVD coated inserts cutting performance, through appropriate tool pre-and post – treatments. International Conference on Metallurgical Coatings and Thin Films, San Diego, USA, April 30, 2001, pp.76.

Bouzakis K.-D., Michailidis N., Efstathiou K., Investigation of mechanical properties, fatigue failure and wear development of coated tools in milling by means of experimental and FEM supported process simulation results, Proceedings of 34th CIRP International seminar on manufacturing Engineering Systems, 16-18 May 2001 Athens, (2001), pp: 303-312.

Bouzakis K.-D., Michailidis N., Efstathiou K.: Investigation of mechanical properties, fatigue failure and wear development of coated tools in milling by means of experimental and FEM supported process simulation results. 34th CIRP Seminar on Manufacturing Systems/Technology and Challenges for the 21st Century, 16-18 May, Athens, 2001, pp. 303-312,.

Bouzakis K.-D., Michailidis N., Erkens G. : Interpretation of Cutting Inserts Wear Behaviour in Milling Considering their Coatings Deformation and fatigue properties, presented in Materials Week 2001, 1-4 October 2001, Munchen.

Bouzakis K.-D., Michailidis N., Erkens G., Thin hard coatings stress-strain curves determination through a FEM supported evaluation of nanohardness results and herewith interpretation of the coating performance in milling and in impact testing, Proceedings of 7th International Conference on Production Engineering and Design Control, 13-15 February 2001, Alexandria-Egypt, vol. II, (2001), pp: 1221-1246.

Bouzakis K.-D., Michailidis N., Erkens G.: An effective way to improve the coated tool performance through annealing. International Conference on Metallurgical Coatings and Thin Films, San Diego, USA, April 30, 2001pp. 76.

Bouzakis K.-D., Michailidis N., Erkens G.: Coatings stress-strain curves determination based on a Fem supported evaluation of nanohardness results

and herewith interpretation of the coating performance in impact testing. First International Conference on Recent Advances in Mechanical Engineering, ASME-Greek Section, Patra, Greece, September 17-20, 2001.

Bouzakis K.-D., Michailidis N., Erkens G.: Interpretation of coated tools performance in milling and in impact testing based on thin hard coatings stress-strain curves. International Conference on Metallurgical Coatings and Thin Films, San Diego, USA, April 30, 2001, pp. 74.

Bouzakis K.-D., Michailidis N., Hadjiyiannis S., Efstathiou K., Pavlidou E., Erkens G., Rambadt S., Wirth I., Improvement of PVD coated inserts cutting performance, through appropriate tool pre- and post-treatments, 28th International Conference on Metallurgical Coatings and Thin Films (ICMCTF), April 30- May 4, 2001, San Diego, CA, USA.

Bouzakis K.-D., Michailidis N., Hadjiyiannis S., Efstathiou K., Pavlidou E., Erkens G., Rambadt S., Wirth I.: Evaluation of PVD coatings adhesion on various pre-and post-treated tools and their cutting performance in milling. International Conference "THE" Coatings 2001, Hannover, pp. T5/1-10.

Bouzakis K.-D., Michailidis N., Hadjiyiannis S., Erkens G., An effective way to determine PVD coatings' stress strain curves and residual stresses, through a FEM supported evaluation of nanoindentation results, 2nd European Symposium on Nanomechanical Testing, September 25-27, 2001 in Hueckelhoven Germany, p:15.

Bouzakis K.-D., Michailidis N., Hadjiyiannis S., Erkens G., Coatings stress-strain curves determination based on a fem supported evaluation of nanohardness results and herewith interpretation of the coating performance in impact testing, Proceedings of 1st Conference on Recent Advances in Mechanical Engineering, ASME Greek Section, 17-20 September 2001, Patras, (2001) pp: 17-23.

Bouzakis K.-D., Michailidis N., Hadjiyiannis S., Erkens G., Interpretation of coated tools performance in milling and in impact testing based on thin hard coatings stress-strain curves, 28th International Conference on Metallurgical Coatings and Thin Films (ICMCTF), April 30- May 4, 2001, San Diego, CA, USA.

Bouzakis K.-D., Michailidis N., Hadjiyiannis S., Pavlidou E., Erkens G., An effective way to improve the cutting performance of coated tools through annealing, 28th International Conference on Metallurgical Coatings and Thin Films (ICMCTF), April 30- May 4, 2001, San Diego, CA, USA.

Bouzakis K.-D., Michailidis N., Hadjiyiannis, Erkens G., Enhancement of PVD coated inserts milling performance, by means of tool and coating parameters optimization, MATERIALS WEEK 2001, 1-4 October 2001 Munich, Proceedings in CD-ROM.

Bouzakis K.-D., Michailidis N., Hadjiyiannis S.: Coatings material and mechanical properties characterization and herewith interpretation of wear development in interrupted cutting processes. International Conference "THE" Coatings 2001, Hannover, pp. 3/1-23.

Bouzakis K.-D., Mitsi S., Mansour G., Closed-Form Position Analysis of Planar Mechanism with an Assur Group of Class 4 Including one Prismatic

Joint, Proceedings, 8th IFTOMM International Symposium on Theory of Machines and Mechanisms, Bucharest , pp. 177-182, 2001.

Bouzakis K.-D., Mitsi S., Mansour G., Closed-Form Position Analysis of Planar Mechanism with an Assur Group of Class 4 Including one Prismatic Joint, Proceedings, 8th IFTOMM International Symposium on Theory of Machines and Mechanisms, Bucharest , pp. 177-182, 2001.

Bouzakis K.-D., Mitsi S., Mansour G., Maliaris G., Development of NC Code for Small Parts Manufacturing Using an Industrial Robot with Five Revolute Joints, 8th IFTOMM International Symposium on Theory of Machines and Mechanisms, Bucharest, pp. 215-220, 2001.

Bouzakis K.-D., Mitsi S., Mansour G., Maliaris G., Development of NC Code for Small Parts Manufacturing Using an Industrial Robot with Five Revolute Joints, 8th IFTOMM International Symposium on Theory of Machines and Mechanisms, Bucharest, pp. 215-220, 2001.

Bouzakis K.-D., N. Michailidis, K. Efsthathiou, S. Hadjiyiannis, G. Skordaris: Mechanical properties, fatigue failure and milling performance of coated tools, investigated through innovative FEM supported experimental procedures, 7th Yugoslav Tribology Conference with international participation YuTrib 2001, 11-12 October 2001, pp: 1/19-1/30.

Bouzakis K.-D., N. Michailidis, S. Hadjiyiannis: Coated tools cutting performance improvement, by means of appropriate coating annealing, 1st Hellenic Conference on Metallic Materials, 2001, pp. 143-154.

Bouzakis K.-D., Paraskevopoulou R., 2001, Feature-based continuous cutting conditions optimization on the tool path in 2 ½ -axis milling, Proceedings of the 34th CIRP Seminar on Manufacturing Systems/Technology and Challenges for the 21st Century, pp. 223-239.

Bouzakis K.-D., Paraskevopoulou R., Giannopoulos G.: Feature-based continuous cutting conditions optimization on the tool path in 2 ½ -axis milling. 34th CIRP Seminar on Manufacturing Systems/Technology and Challenges for the 21st Century, 16-18 May, Athens, 2001, pp. 223-239.

Bouzakis K.-D., Vidakis N., Kompogiannis S., Anastopoulos J.: Interpretation of PVD coated HSS tools fatigue phenomena in gear hobbing. 7th International Conference on Production Engineering, Design and Control, 13-15 February 2001 in Alexandria.

Bouzakis K.-D., N. Michailidis, S. Hadjiyiannis, G. Erkens: An effective way to determine PVD coatings' stress strain curves and residual stresses, through a FEM supported evaluation of nanoindentation results, presented in the the 2nd European Symposium on nanomechanical testing, 25-27 September 2001, pp.15.

Bouzakis, K.-D., Michailidis, N., Erkens, G., Thin hard coatings stress-strain curves determination through a FEM supported evaluation of nanohardness results and herewith interpretation of the coating performance in milling and in impact testing,

Georgiadis P., Vlachos D., Decision-Making in Reverse Logistics using System Dynamics, XVIII EURO Conference, Rotterdam, 9-11.07.01.

Iakovou E., 2001, A New Framework for Supply Chain Management: Review, Concepts and Examples, Third Aegean International Conference on 'Design and Analysis of Manufacturing Systems', Tinos, Greece, 19-22.05.01, 27-36.

Johansen, P. H.; Karatzas, K.; Lindberg, J.E.; Peinel, G., Rose, Th. (2001). Citizen-centred information dissemination on multimodal information channels and GIS, Proceedings of the "Sustainability in the Information Society"-15th International Symposium for Environmental Protection, L. Hilty and P. Gilgen eds., Part 1: Impacts and Applications, pp. 271-278, ISBN 3-89518-370-9.

Kaprara A., Karatzas K. and Moussiopoulos N. (2001), Maximum Ozone level prediction in Athens with the aid of the CART system, a modelling study. Proceedings of the VII International Conference on Harmonization within Atmospheric Dispersion Modelling for Regulatory Purposes, Beligerate (Lake Maggiore), Italy, May 28-31, 2001. pp. 193-196.

Karatzas K. (2001), Some historical aspects of urban air quality management, poster presentation at the Third International Conference on Urban Air Quality, 19-23 March 2001, Loutraki, Greece.

Karatzas K. (2001), Theoretical investigation of urban air quality management systems, oral presentation at the Third International Conference on Urban Air Quality, 19-23 March 2001, Loutraki, Greece.

Karatzas K. and Moussiopoulos N. (2001), Fuzziness in urban air quality management, Proceedings from the EUROTRAC Symposium 2000, (P.M. Midgley, M. Reuther, M. Williams, Eds.), Springer Verlag Berlin, Heidelberg 2001.

Karatzas K., Kaprara A., Moussiopoulos N. and Viras L. (2001), Statistical analysis of a 10-year long record of air quality observations in Athens, for weekend periods, oral presentation at the Third International Conference on Urban Air Quality, 19-23 March 2001, Loutraki, Greece.

Ketzel M., Louka P., Sahm P., Guilloteau E., Sini J.-F. and Moussiopoulos N., 2001, Intercomparison of numerical urban dispersion models – Part II: street canyon in Hannover, Germany, Proceedings of the 3rd International Conference on Urban Air Quality, Eds. Sokhi R. S. and Bartzis J. G., LOUTRAKI, Greece, 19-23 March, CD-ROM edition.

Knotek O., Lugscheider E., Bouzakis K.-D., Siganos A., Michailidis N., Erkens G.: Evaluation of Thin C- and Diamond Coatings by Impact Testing, presented in Materials Week 2001, 1-4 October 2001, Munchen.

Koltsakis G.C. and Stamatelos A.M., Storage of Chemical Species in Modern Emission Control Systems: The Role of Mathematical Modeling, Ανακοινώθηκε στο συνέδριο Global Powertrain Congress, Detroit, Ιούλιος 2001.

Koroneos C.J. and Moussiopoulos N., 2001, Cryoplane-Hydrogen vs. kerosene as aircraft fuel, Proceedings of the 7th Conference on Environmental Science and Technology, Ed. Lekkas Th., SYROS, Greece, 3-6 September, Vol. 1, 484-493.

Koroneos C.J., Spachos Th. and Moussiopoulos N., 2001, Environmental approach of renewable energy sources through LCA, Proceedings of the 2nd

National Conference on Application of Rebewable Energy Sources, Eds. Zerbos A. and Tabaki Kl., ATHENS, Greece, 19-21 March, 290-298, CD-ROM edition.

Louka P., Ketzel M., Sahm P., Guilloteau E., Moussiopoulos N. and Sini J.- F., 2001, CFD Intercomparison on a full-scale street-canyon, Proceedings of the 7th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, Eds. Olesen H.R. and Wichmann M., BELGIRATE, Italy, 28-31 May, 299-303, CD-ROM edition..

Louka P., Ketzel M., Sahm P., Guilloteau E., Moussiopoulos N., Sini J.- F., Mestayer P.G., Berkowicz R, 2001, CFD Intercomparison exercise within TRAPOS European research network, Proceedings of the 7th Conference on Environmental Science and Technology , Ed. Lekkas Th., SYROS, Greece, 3-6 September, Vol. 3, 267-275.

Metallidis, P., Verros, G., Natsiavas, S. and Papadimitriou, C., "Fault Detection in Vehicles with Nonlinear Suspension Characteristics," Mechanics and Materials 2001 Conference, San Diego, California, 2001.

Metallidis, P., Verros, G., Natsiavas, S. and Papadimitriou, C., "Parametric Identification and Fault Detection in Vehicle Models with Nonlinear Suspensions," 18th Biennial ASME Conference on Mechanical Vibration and Noise, Pittsburgh, Pennsylvania, 2001.

Metallidis, P., Verros, G., Natsiavas, S. and Papadimitriou, C., "Vehicle Dynamics and Fault Detection in Vehicle Suspensions," 8th International Conference on Structural Safety and Reliability, Newport Beach, California, 2001.

Michailidis N., Hadjiyiannis S., Efstathiou K., Pavlidou E., Erkens G., Rambadt S., Wirth I., 2001, PVD coated inserts cutting performance improvement by means of substrate and coating surface mechanical treatments. International Conference "THE" Coatings, May, Hannover, pp. T5/1-10.

Michailidis N., Hadjiyiannis S., Efstathiou K., Pavlidou E., Erkens G., Rambadt S., Wirth I., PVD coated inserts cutting performance improvement, by means of substrate and coating surface mechanical treatments, Proceedings of 2nd International Conference "THE Coatings" in Manufacturing Engineering, Hannover Germany, May 9-10, (2001), pp: T5/1-10.

Mihailidis A., Panagiotidis K., 2001, Transient Thermo-Elastohydrodynamic Lubrication of Gear teeth, Proceedings of the 2nd World Tribology Congress, Vienna Austria .

Mitsi S., Bouzakis K.-D., Mansour G., Maliaris G.: Development of NC code for small parts manufacturing using an industrial robot with five revolute joints. 8th IFToMM Intern. Symp. On Theory of Machines and Mechanisms, Bucharest, 2001, pp. 215-220.

Mitsi S., Bouzakis K.-D., Mansour G., Popescu I.: Position analysis in polynomial form of planar mechanisms with an Assur group of class 3. Part II: Assur groups with 2 and 3 prismatic joints. First International Conference on Recent Advances in Mechanical Engineering, ASME-Greek Section, Patra, Greece, September 17-20, 2001, ANG 1/P153.

Mitsi S., Bouzakis K.-D., Mansour G.: Closed-form position analysis of planar mechanism with an Assur Group of class 4 including one prismatic joint. 8th IFToMM Intern. Symp. On Theory of Machines and Mechanisms, Bucharest, 2001, pp. 177-182.

Mitsi S., Bouzakis K.-D., Mansour G., Popescu I.: Position analysis in polynomial form of planar mechanisms with an Assur group of class 3. Part I: Assur groups of class 3 with one prismatic joint. First International Conference on Recent Advances in Mechanical Engineering, ASME-Greek Section, Patra, Greece, September 17-20, 2001, ANG 1/P152.

Mitsi, S., Bouzakis, K. D., Mansour, G., Popescu I., Position Analysis in Polynomial Form of Planar Mechanisms with an Assur Group of Class 3. Part I: Assur groups with one prismatic joint, ASME-Greek Section, First National Conference on Recent Advances in Mechanical Engineering, ANG1/P152, Patras, 2001.

Mourikas G., Seferlis P., Morris A. J., and Kiparissides C., "On-line Optimal Operating Policy and Control of a Batch Free-Radical Polymerization Reactor", in Computer Aided Process Engineering - 11, S. B. Jorgensen and R. Gani Eds, 705-711, 2001.

Moussiopoulos N., Koroneos C.J. and Karagiannidis A., 2001, Tools for management and minimisation of solid wastes, Proceedings of the 11th Euro-Arab Conference for the Environment (A. Nassour, ed.), Rostock, Germany, 24-26 April, Rostock University Press, 81-86.

Moussiopoulos N., Nitis T., Turlou P.M., Sahn P. and Yamamoto Y., 2001, Ultra low emitting vehicles and air quality in urban areas, Proceedings of the 7th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, Eds. Olesen H.R. and Wichmann M., BELGIRATE, Italy, 28-31 May, 324-328, CD-ROM edition.

Moussiopoulos N., Turlou P.M. and Sahn P., 2001, Integrated assessment of air pollution abatement strategies in urban areas, Proceedings of the 11th Euro-Arab Conference for the Environment, Eds. Spillmann P. et al., ROSTOCK, Germany, 24-26 April, 239-245.

Papadopoulos A.M. and Kalognomou E.A. (2001), Heat island effect in urban areas: Airborne measurements to determine surface radiation intensity, Proceedings of the 5th World Conference on experimental heat transfer, fluid mechanics and thermodynamics, Θεσσαλονίκη, 24-28 Σεπτεμβρίου, Vol. 3, 1743-1748.

Popescu I., Mitsi S., Milcomete D. C., The Wooden Gears with the Helicoidal Surfaces and with the Special Profiles used in the Romanian Folk Techniques, 8th IFToMM International Symposium on Theory of Machines and Mechanisms, Bucharest, pp. 241-244, 2001.

Reilly B., Vlachos D. and G. Tagaras, "A web-based innovative approach for teaching Reverse Logistics," 17th International Logistics Congress, Thessaloniki, pp. 401-409, 2001.

- Reilly B., Vlachos D., Tagaras G., A Web-based Innovative Approach for Teaching Reverse Logistics, 17th International Logistics Congress, Thessaloniki, 401-409, 18-20 October 2001.
- Rudnik J.P., Bouzakis K.-D., Erkens G.: Materials-based Design for Real-world Applications. International Conference on Metallurgical Coatings and Thin Films, San Diego, USA, April 30, 2001, pp. 26.
- Sahm P., Cremades L., Toro M.V., Klaic Z.B. and Moussiopoulos N., 2001, Numerical investigation of meteorological conditions leading to elevated ozone concentrations in Medellin, Colombia, Proceedings of the 3rd International Conference on Urban Air Quality, Eds. Sokhi R. S. and Bartzis J. G., LOUTRAKI, Greece, 19-23 March, CD-ROM edition.
- Sahm P., Klaic Z.B. and Moussiopoulos N., 2001, Impact of thermophysical data and roughness length on the local scale flow, Temperatures and heat fluxes in South-eastern European Urban Areas, Proceedings of the 3rd International Conference on Urban Air Quality, Eds. Sokhi R. S. and Bartzis J. G., LOUTRAKI, Greece, 19-23 March, CD-ROM edition.
- Salonikidou A., Karagiannidis A., Perkoulidis G. and Moussiopoulos N., 2001, A high-spatial-resolution estimation of produced quantities of urban solid wastes, Proceedings of the 7th International Conference on Environmental Science and Technology (T.D. Lekkas, ed.), Syros, Greece, 3-6 September, University of the Aegean, Global Nest, Vol. 2, 768-774.
- Samaras Z., L. White and P. – M. Turlou “Trends in Automotive Emissions at European Scale: Lessons from the Auto Oil Programmes” Proceedings of the 10th International Symposium “Transport and Air Pollution”, pp.25-32, September 17-19, 2001 – Boulder, Colorado USA.
- San José R., Stohl A., Karatzas K. Bohler T., James P. and Salas I. (2001), An extraordinary ozone episode in Madrid (April 2000) during night time: a modelling study. Proceedings of the VII International Conference on Harmonization within Atmospheric Dispersion Modelling for Regulatory Purposes, Beligerate (Lake Maggiore), Italy, May, 28-31, 2001, pp. 390-394.
- Savaidis A., Savaidis G., Zhang C., 2001, An approximate model and its finite element verification for elastic/plastic stress analysis of notched structures under synchronous multiaxial cyclic loading, Proceedings of Biaxial/Multiaxial Fatigue and Fracture, Lisbon, Vol. II, 747-754.
- Savaidis G., Feitzelmayer K., Ostermann M., 2001, Lightweight construction and improvement of fatigue lifetime of leaf spring suspension systems by means of innovating surface treatment technologies, Proceedings of European Automotive Congress – New Materials, SAITS 01129, Bratislava.
- Savaidis G., Schliebner R., Vormwald M., 2001, Multiaxial fatigue behaviour of fillet welded joints in components of commercial vehicles, Proceedings of Biaxial/Multiaxial Fatigue and Fracture, Lisbon, Vol. I, 41-48.
- Seferlis P., and Kiparissides C., “Optimizing Control of Molecular Weight Properties for Batch Free-Radical Polymerization Reactors”, Proceedings of the 6th IFAC Symposium on Dynamics and Control of Process Systems, DYCOPS-6, 251-256, 2001.

- Sharit J., Iakovou E., 2001, A Human Reliability Based Oil Spill Information Management System, Proceedings of the International Oil Spill Conference (IOSC).
- Streicher M., Savaidis G., Feitzelmayer K., Decker M., 2001, Potentiale zur Festigkeitssteigerung geschmiedeter Fahrwerksteile aus Vergütungsstählen aus dem Fertigungs- und Nachbehandlungsprozess, Proceedings of Fertigungsverfahren und Betriebsfestigkeit, DVM-Bericht 128, 181-195.
- Theodosiou, C., Aichouh, P., Natsiavas, S. and Papadimitriou, C., "Reliability Analysis of Unanchored Fluid-Filled Tanks Subjected to Base Excitation," EUROMECH Colloquium on Nonlinear Dynamics, Control and Condition Monitoring, Aberdeen, Scotland, 2001.
- Theodossiades, S. and Natsiavas, S., "Gear Rotordynamic Systems on Hydrodynamic Bearings," 18th Biennial ASME Conference on Mechanical Vibration and Noise, Pittsburgh, Pennsylvania, 2001.
- Tourlou P.M. and Moussiopoulos N., 2001, An integrated system for the assessment of air pollution control strategies in urban areas: Application to Athens, Proceedings of the 7th Conference on Environmental Science and Technology, Ed. Lekkas Th., SYROS, Greece, 3-6 September, Vol. 3, 519-527.
- Tourlou P.M., Sahm P. and Moussiopoulos N., 2001, Integrated assessment of air pollution abatement strategies in urban areas: Application to the greater Athens area, Proceedings of the 3rd International Conference on Urban Air Quality, Eds. Sokhi R. S. and Bartzis J. G., LOUTRAKI, Greece, 19-23 March, CD-ROM edition.
- Tsilingiridis G., Zachariadis Th., Samaras Z., Chantzaridou A., ,2001,: An emissions inventory for the city of Thessaloniki. Proc. '7th Int. Conference on Environmental Science and Technology', vol. B', pp. 878-885, ISSN 1106-5516, Un. of Aegean - GlobalNEST, Ermoupolis, Greece, Sept. 2001.
- Varinou M., Gofa F., Kallos G., O'Connor M. and Tsilingiridis G., ,2001,: Photo-oxidation processes over the eastern Mediterranean basin in summer. Proc. 'Air Pollution Modelling and Its Application XXV', Louvain-la-Neuve, Belgium, October 15 - 19, 2001.
- Verros, G. and Natsiavas, S., "Dynamics of Semi-Actively Controlled Vehicles Involving Wheel Hop," 18th Biennial ASME Conference on Mechanical Vibration and Noise, Pittsburgh, Pennsylvania, 2001.
- Vlachos D., Georgiadis P., 2001, Dynamics of Reverse Logistics Systems, 4th TMR Workshop on Reverse Logistics, Lisbon, 14-17.09.01.
- Yudhbir L., Iakovou E., 2001, A Maritime Oil Spill Risk Assessment Model, Proceedings of the International Oil Spill Conference (IOSC).
- Zhang Ch., Savaidis A., Savaidis G., 2001, Dynamic Crack Analysis of Anisotropic Solids Under Impact Loading, Proceedings of Transactions Structural Mechanics in Reactor Technology (SMiRT 16), Eds V.C. Matzen and C.C. David Tung, Paper 1981, Washington DC.
- Zhang Ch., Savaidis A., Savaidis G., 2001, Transient Dynamic Analysis of Cracked Functionally Graded Materials by BIEM, Proceedings of 11th

International Workshop Computational Mechanics and Computer Aided Design of Materials, Freiberg.

Γεωργιάδης Π., Βλάχος Δ., Μιχόπουλος Α., Δυναμική Ανάλυση της Επίδρασης Περιβαλλοντικών Πολιτικών στην Αντίστροφη Εφοδιαστική Αλυσίδα, 14ο Εθνικό Συνέδριο Επιχειρησιακής Έρευνας, Ξάνθη, 1-3 Νοεμβρίου 2001 (πρακτικά σε ηλεκτρονική μορφή).

Κιουρτσίδης Γ.Ε, Σκολιανός Σ. Μ, 2001, Αντίσταση σε Φθορά Τεχνητά Γηρασμένων Σύνθετων Υλικών Μήτρας Κράματος Αλουμινίου 2024 Ενισχυμένης με Σωματίδια Καρβιδίου του Πυριτίου (SiCp), Πρακτικά 1ου ΠΑΝΕΛΛΗΝΙΟΥ ΣΥΝΕΔΡΙΟΥ ΜΕΤΑΛΛΙΚΩΝ ΥΛΙΚΩΝ, Επιμέλεια Χαϊδεμενόπουλος Γ.Ν, Ελληνική Μεταλλουργική Εταιρεία, Πανεπιστήμιο Θεσσαλίας, Βόλος, 47-54.

Μπουζάκης Κ.-Δ., Ευσταθίου Κ., Μιχαηλίδης Ν., Τεχνολογία εργαλείων κατά κατεργασίες αφαίρεσης υλικού. Βέλτιστη εκλογή κοπτικού εργαλείου, Συνέδριο Factory 2001, 16-18 Νοεμβρίου 2001.

Μπουζάκης Κ.-Δ., Μιχαηλίδης Ν., Χατζηγιάννης Σ., Βελτίωση της κοπτικής ικανότητας επικαλυμμένων κοπτικών εργαλείων μέσω κατάλληλης ανόπτησης, 1ο Πανελλήνιο Συνέδριο Μεταλλικών Υλικών, 2001, 143-154.

Πολύζος Χ, Σκολιανός Σ, Λεφάκης Χ, Τσιπιάς Δ, 2001, Αυτοκαταλυτική Παραγωγή Σύνθετων Υλικών Μεταλλικής Μήτρας με Σχηματισμό Διαμεταλλικών Ενώσεων στη Μήτρα Αλουμινίου, Πρακτικά 1ου ΠΑΝΕΛΛΗΝΙΟΥ ΣΥΝΕΔΡΙΟΥ ΜΕΤΑΛΛΙΚΩΝ ΥΛΙΚΩΝ, Επιμέλεια Χαϊδεμενόπουλος Γ.Ν, Ελληνική Μεταλλουργική Εταιρεία, Πανεπιστήμιο Θεσσαλίας, Βόλος, 55-60.

2002

Assimakopoulos V., ApSimon H.M. and Moussiopoulos N., 2002, Effects of street geometry on circulation patterns and pollutant dispersion, Proceedings of the EUROTRAC-2 Symposium, Eds. Midgley P. M. and Reuther M., GARMISCH-PARTENKIRCHEN, Germany, 11-15 March, 281, CD-ROM edition.

Assimakopoulos V., ApSimon H.M., Moussiopoulos N. and Sahn P., 2002, A preliminary Eulerian modelling study of dispersion of NO_x emissions over London, Proceedings of the EUROTRAC-2 Symposium, Eds. Midgley P. M. and Reuther M., GARMISCH-PARTENKIRCHEN, Germany, 11-15 March, 281, CD-ROM edition.

Assimakopoulos V., Louka P., Moussiopoulos N., ApSimon H.M. and Sahn P., 2002, Evaluation of the microscale model MIMO with wind-tunnel measurements, Proceedings of the EUROTRAC-2 Symposium, Eds. Midgley P. M. and Reuther M., GARMISCH-PARTENKIRCHEN, Germany, 11-15 March, 281, CD-ROM edition.

Bouzakis K. D., Hadjiyiannis S., Skordaris G., Anastopoulos J., Mirisidis I., Michailidis N., Efstathiou K., Knotek O., Erkens G., Cremer R., Rambadt S., Wirth I., The influence of the coating thickness on its strength properties and on the milling performance of pvd coated inserts, 8th International Conference

on Plasma Surface Engineering (PSE), September 9-13 2002, Garmisch-Partenkirchen, Germany.

Bouzakis K. D., Skordaris G., Mirisidis I., Hadjiyiannis S., I.Anastopoulos, Michailidis N., Erkens G., Cremer R., Determination of coating residual stress alterations demonstrated in the case of annealed films and based on a fem supported continuous simulation of the nanoindentation, 8th International Conference on Plasma Surface Engineering (PSE), September 9-13 2002, Garmisch-Partenkirchen, Germany.

Bouzakis K.,-D., Lontos A., Michailidis N., Knotek O., Lugscheider E., Bobzin K., Eitzkorn A.: Determination of mechanical properties of electron beam-physical vapor deposition-thermal barrier coatings (EB-PVD-TBCs) by means of nanoindentation and impact testing. 1st International conference on Manufacturing Engineering ICMEN, 3-4 October 2002, Sani, Halkidiki, Greece, pp. 513-524.

Bouzakis K.-D. Bouzakis, Michailidis N., Hadjiyiannis S., Erkens G., Coatings impact test performance based on coating stress-strain curves, Proceedings of 4th International Conference on Tribology BalkanTrib 2002, 12-14 June 2002, Editor: Prof. Dr. M. Baki Karamis, Erciyes Universitesi Matbaasi-Kayseri, vol. I, pp. 337-344.

Bouzakis K.-D. Michailidis N., Hadjiyiannis S., Skordaris G., Erkens G., The effect of the specimen roughness and the indenter tip geometry on the determination accuracy of thin hard coatings stress-strain laws by means of nanoindentations, Proceedings of 3rd International Conference "THE Coatings" 28-29 November 2002 Thessaloniki, 2002, pp: 331-342.

Bouzakis K.-D., Anastopoulos J., Layyous A., Porat R., Erkens G. : The influence of the mechanical properties of PVD coated cutting tools on milling and turning performance. 3rd International Conference "THE" Coatings, November 28-29, Thessaloniki, Greece, 2002, pp. 157-170.

Bouzakis K.-D., Andreadis G. : Optimization of the recognition of features of a workpiece, for computer aided process planning. 1st International conference on Manufacturing Engineering ICMEN, 3-4 October 2002, Sani, Halkidiki, Greece, pp. 347-356.

Bouzakis K.-D., Andreadis G., 2002, Optimization of the recognition of features of a workpiece, for Computer Aided Process Planning, 1st International Conference on Manufacturing ENgineering (ICMEN), Thessaloniki, 347-356.

Bouzakis K.-D., Efstathiou K., Aichouh P. : Determination of the chip geometry, cutting force and roughness in free form surfaces finishing milling, with ball end tools. 1st International conference on Manufacturing Engineering ICMEN, 3-4 October 2002, Sani, Halkidiki, Greece, pp. 85-106.

Bouzakis K.-D., Efstathiou K., Aichouh P., 2002, Determination of the chip geometry, cutting force and roughness in free form surfaces finishing milling, with ball end tools. 1st nternational conference on Manufacturing Engineering ICMEN, 3-4 October, Sani, Halkidiki, Greece, pp. 85-106.

Bouzakis K.-D., Efstathiou K., Michailidis N., Maliaris G. : Application of modern and innovative technologies to reproduce archaeological findings.

“Machine Tools Manufacturing Processes”, Proceedings of the 6th Conference of EEDM, 2002, pp. 567-568.

Bouzakis K.-D., Hadjiyiannis S., Skordaris G., Anastopoulos I., Mirisidis I., Michailidis N., Efstathiou K., Knotek O., Erkens G., Cremer R., Rambadt S., Wirth I., 2002, Strength properties and milling performance of PVD coated inserts with various coating thickness. Proceedings of the 3rd International Conference “THE” Coatings, Thessaloniki, pp.27-38.

Bouzakis K.-D., Hadjiyiannis S., Skordaris G., Anastopoulos J., Mirisidis I., Michailidis N., Efstathiou K., Knotek O., Erkens G., Cremer R., Rambadt S., Wirth I., Strength properties and milling performance of pvd coated inserts with various coating thickness, Proceedings of 3rd International Conference "THE Coatings" 28-29 November 2002 Thessaloniki, 2002, pp: 27-38.

Bouzakis K.-D., Hadjiyiannis S., Skordaris G., Anastopoulos J., Mirisidis I., Michailidis N., Efstathiou K., Knotek O., Erkens G., Cremer R., Rambadt S., Wirth I.: Strength properties and milling performance of PVD coated inserts with various coating thickness. 3rd International Conference “THE” Coatings, November 28-29, Thessaloniki, Greece, 2002, pp. 27-38.

Bouzakis K.-D., Kombogiannis S. : Tool wear prediction models in gear hobbing. International Conference Balkan Tribological Association, Vol. 1, June 12-14, Turkey, 2002, pp. 193-204.

Bouzakis K.-D., Kombogiannis S.: Experimental-analytical determination of the wear development on coated cutting tools in gear hobbing. 3rd International Conference “THE” Coatings, November 28-29, Thessaloniki, Greece, 2002, pp. 123-136.

Bouzakis K.-D., Kompoyiannis S. : Tool wear prediction in gear hobbing. 1st International conference on Manufacturing Engineering ICMEN, 3-4 October 2002, Sani, Halkidiki, Greece, pp.143-159.

Bouzakis K.-D., Korlos A. : Improvement of the multi axis tube bending accuracy of furniture components. 1st International conference on Manufacturing Engineering ICMEN, 3-4 October 2002, Sani, Halkidiki, Greece, pp. 635-658.

Bouzakis K.-D., Koutoupas G., Mesomeris G. : Bending and indentation tests to determine particleboards mechanical strength critical stresses and their correlation to the specific cutting force in milling. 1st International conference on Manufacturing Engineering ICMEN, 3-4 October 2002, Sani, Halkidiki, Greece, pp. 159-178.

Bouzakis K.-D., Koutoupas G.†, Siganos A., Mesomeris G., Leyendecker T., Erkens G., Papapanagiotou A., Nikolakakis P.: Increasing of cutting performance of PVD coated cemented carbide inserts in chipboard milling through improvement of the film adhesion, considering the coating cutting loads. 3rd International Conference “THE” Coatings, November 28-29, Thessaloniki, Greece, 2002, pp. 179-190.

Bouzakis K.-D., Lontos A. : Creep behaviour determination of monolayer plasma sprayed coatings under dynamic or static loads. 3rd International Conference “THE” Coatings, November 28-29, Thessaloniki, Greece, 2002, pp. 395-406.

Bouzakis K.-D., Lontos A. : Creep behaviour prediction and layer thickness optimization of multilayer plasma sprayed coatings, operating under dynamic loads. International Conference Balkan Tribological Association, Vol. 2., June 12-14, Turkey, 2002, pp. 593-602.

Bouzakis K.-D., Lontos A., Michailidis N., Knotek O., Lugscheider E., Bobzin K., Etzkorn A., Determination of Mechanical Properties of Electron Beam-physical Vapor Deposition-thermal Barrier Coatings (EB-PVD-TBCs) by Means of Nanoindentation and Impact Testing, 29th International Conference on Metallurgical Coatings and Thin Films (ICMCTF), April 22-26, 2002, San Diego, CA, USA,.

Bouzakis K.-D., Lontos A., Mitsi S., Vidakis N. : Implementation of low temperature deposited coating fatigue parameters in commercial roller and hybrid angular contact ball bearing catalogues. 3rd International Conference "THE" Coatings, November 28-29, Thessaloniki, Greece, 2002, pp. 191-204.

Bouzakis K.-D., Lontos A., Mitsi S., Vidakis N., Implementation of Low Temperature Deposited Coating Fatigue Parameters in Commercial Roller and Hybrid Angular Contact Ball Bearings Catalogues, 3rd Intern. Conference "THE" Coatings in Manufacturing Engineering and EUREKA Partnering Event, Thessaloniki, pp. 191-204, 2002.

Bouzakis K.-D., Lontos A., Tsouknidas A. : Determination of the stress-strain curve of substrate and plasma sprayed coatings materials through a fem supported evaluation of microindentation test results. 3rd International Conference "THE" Coatings, November 28-29, Thessaloniki, Greece, 2002, pp. 365-372.

Bouzakis K.-D., Lontos A., Vidakis N., David K., Kechagias V. : Determination of creep behaviour of monolayer thick plasma sprayed coatings, by means of the impact test and an analytical fem supported evaluation procedure. 3rd International Conference "THE" Coatings, November 28-29, Thessaloniki, Greece, 2002, pp. 383-394.

Bouzakis K.-D., Lontos A.: Creep behaviour determination of monolayer plasma sprayed coatings under dynamic or static loads. 8th International Conference on Plasma Surface Engineering, Carmisch-Partenkirchen, September 9-13, 2002, pp. 164.

Bouzakis K.-D., Maliraris G., Tsouknidas A., Lontos A. : FEM simulation of induction heating of aluminum in thixoforming processes. 1st International conference on Manufacturing Engineering ICMEN, 3-4 October 2002, Sani, Halkidiki, Greece, pp. 617-624.

Bouzakis K.-D., Michailidis N., Anastopoulos J., Skordaris G., Hadjiyiannis S., Kombogiannis S., Erkens G., Rambadt S., Wirth I., Cremer R., Increasing of the milling performance of cemented carbide coated inserts, by the deposition of a crystalline pvd Al₂O₃ top layer, Proceedings of 3rd International Conference "THE Coatings" 28-29 November 2002 Thessaloniki, 2002, pp: 137-147.

Bouzakis K.-D., Michailidis N., Anastopoulos J., Skordaris G., Hadjiyiannis S., Kombogiannis S., Erkens G., Rambadt S., Wirth I., Cremer R.: Increasing of the milling performance of cemented carbide coated inserts, by the deposition

of a crystalline PVD AL₂O₃ top layer. 3rd International Conference "THE" Coatings, November 28-29, Thessaloniki, Greece, 2002, pp. 137-148.

Bouzakis K.-D., Michailidis N., Erkens G. : Stress-strain curves determination of thin hard coatings based on a fem supported evaluation of the nanoindentation procedure. 3rd International Conference "THE" Coatings, November 28-29, Thessaloniki, Greece, 2002, pp. 305-316.

Bouzakis K.-D., Michailidis N., Erkens G., Stress-strain curves determination of thin hard coatings based on a fem supported evaluation of the nanoindentation procedure, Proceedings of 3rd International Conference "THE Coatings" 28-29 November 2002 Thessaloniki, 2002, pp: 305-316.

Bouzakis K.-D., Michailidis N., Hadjiyiannis S., Erkens G. : Coating impact test performance based on coating stress-strain curves. International Conference Balkan Tribological Association, Vol. 1, June 12-14, Turkey, 2002, pp. 337-344.

Bouzakis K.-D., Michailidis N., Hadjiyiannis S., Erkens G. : Impact test performance interpretation based on coatings stress-strain curves. 3rd International Conference "THE" Coatings, November 28-29, Thessaloniki, Greece, 2002, pp. 417-430.

Bouzakis K.-D., Michailidis N., Hadjiyiannis S., Erkens G. : Tool and coating parameters optimisation in order to improve the milling performance of PVD coated inserts. Seminar Intelligent Computation Manufacturing Engineering, Naples, Italy, 2002, pp. 273-278.

Bouzakis K.-D., Michailidis N., Hadjiyiannis S., Erkens G., Impact test performance interpretation based on coatings stress-strain curves, Proceedings of 3rd International Conference "THE Coatings" 28-29 November 2002 Thessaloniki, 2002, pp: 417-428

Bouzakis K.-D., Michailidis N., Hadjiyiannis S., Pavlidou E., Erkens G. : Cutting performance optimization of PVD coated tools through annealing. 3rd International Conference "THE" Coatings, November 28-29, Thessaloniki, Greece, 2002, pp. 49-60.

Bouzakis K.-D., Michailidis N., Hadjiyiannis S., Pavlidou E., Erkens G., Coated tools cutting performance improvement, by means of appropriate tool heat treatments, Proceedings of 4th International Conference on Tribology BalkanTrib 2002, 12-14 June 2002, Editor: Prof. Dr. M. Baki Karamis, Erciyes Universitesi Matbaasi-Kayseri, vol. I, pp. 14-20.

Bouzakis K.-D., Michailidis N., Hadjiyiannis S., Pavlidou E., Erkens G., Cutting performance optimization of pvd coated tools through annealing, Proceedings of 3rd International Conference "THE Coatings" 28-29 November 2002 Thessaloniki, 2002, pp: 49-59.

Bouzakis K.-D., Michailidis N., Hadjiyiannis S., Skordaris G., Erkens G. : Determination of the actual indenter tip geometries, the material elastoplastic deformation laws and the universal hardness through a continuous fem simulation of the nanoindentation procedure. 3rd International Conference "THE" Coatings, November 28-29, Thessaloniki, Greece, 2002, pp. 317-330.

Bouzakis K.-D., Michailidis N., Hadjiyiannis S., Skordaris G., Erkens G. : The effect of the specimen roughness and the indenter tip geometry on the determination accuracy of thin hard coatings stress-strain laws by means of nanoindentations, presented in 3rd European Symposium on nanomechanical testing, 17-19/9/2002, in Huckelhoven Germany.

Bouzakis K.-D., Michailidis N., Hadjiyiannis S., Skordaris G., Erkens G. : Coated tools cutting performance improvement, by means of appropriate tool heat treatments. International Conference Balkan Tribological Association, Vol. 1, June 12-14, Turkey, 2002, pp. 14-20.

Bouzakis K.-D., Michailidis N., Hadjiyiannis S., Skordaris G., Erkens G., Determination of the actual indenter tip geometries, the material elastoplastic deformation laws and the universal hardness through a continuous fem simulation of the nanoindentation procedure, Proceedings of 3rd International Conference "THE Coatings" 28-29 November 2002 Thessaloniki, 2002, pp: 317-329.

Bouzakis K.-D., Michailidis N., Hadjiyiannis S., Skordaris G., Erkens G., Parameters affecting the determination accuracy of thin hard coatings stress strain laws by means of nanoindentations, 3rd European Symposium on nanomechanical testing, September 17-19, 2002 in Huckelhoven, Germany.

Bouzakis K.-D., Michailidis N., Hadjiyiannis S., Skordaris G., Erkens G., Tool and coating parameters optimisation in order to improve the milling performance of pvd coated inserts, Proceedings of 3rd CIRP International Seminar on Intelligent Computation in Manufacturing Engineering, Naples, Italy, 2002, pp. 273-278.

Bouzakis K.-D., Michailidis N., Hadjiyiannis S., Skordaris G., Erkens G.: The effect of the specimen roughness and the indenter tip geometry on the determination accuracy of thin hard coatings stress-strain laws by means of nanoindentations. 3rd International Conference "THE" Coatings, November 28-29, Thessaloniki, Greece, 2002, pp. 331-344.

Bouzakis K.-D., Michailidis N., Hadjiyiannis S., Skordaris G., Knotek O., Erkens G., Rambadt S., Wirth I.: The influence of the coating thickness on the milling performance of PVD coated inserts. 8th International Conference on Plasma Surface Engineering, Carmisch-Partenkirchen, September 9-13, 2002, pp. 37.

Bouzakis K.-D., Michailidis N., Lontos A., Siganos A., Hadjiyiannis S., Giannopoulos G., Maliaris G., Erkens G. : Characterization of cohesion, adhesion and creep-properties of dynamically loaded coatings through the Impact Tester. 1st International conference on Manufacturing Engineering ICMEN, 3-4 October 2002, Sani, Halkidiki, Greece, pp. 491-502.

Bouzakis K.-D., Michailidis N., Lontos A., Siganos A., Hadjiyiannis S., Giannopoulos G., Maliaris G., Erkens G., Characterization of cohesion, adhesion and creep-properties of dynamically loaded coatings through the Impact Tester, Proceedings of 1st International Conference on Manufacturing Engineering ICMEN and EUREKA Partnering Event, 3-4 October 2002, Sani-Halkidiki-Greece, ZITI Editions Thessaloniki, 2002, pp: 491-501.

Bouzakis K.-D., Michailidis N., Siganos A., Research activities of the Laboratory for Machine Tools and Manufacturing Engineering (EEΔM) during the last three years in the fields of manufacturing engineering, emphasizing on cutting tools' coatings, Proceedings of 1st International Conference on Manufacturing Engineering ICMEN and EUREKA Partnering Event, 3-4 October 2002, Sani-Halkidiki-Greece, ZITI Editions Thessaloniki, 2002, pp: 25-40.

Bouzakis K.-D., Michailidis N., Skordaris G., Kompogiannis S., Hadjiyiannis S., Bouzakis E., Efstathiou K., Pavlidou E., Erkens G., Rambadt S., Wirth I., 2002, Optimization of the cutting edge roundness and its manufacturing procedures of cemented carbide inserts, to improve their milling performance after a PVD coating deposition. Proceedings of the 3rd International Conference "THE" Coatings, Thessaloniki, pp.71-80.

Bouzakis K.-D., Michailidis N., Skordaris G., Hadjiyiannis S., Efstathiou K., Erkens G., Rambadt S., I. Wirth, Determination of the optimum cutting wedge radius of PVD coated cemented carbide inserts, in order to improve their cutting performance in milling, 29th International Conference on Metallurgical Coatings and Thin Films (ICMCTF), April 22-26, 2002, San Diego, CA, USA.

Bouzakis K.-D., Michailidis N., Skordaris G., Kombogiannis S., Hadjiyiannis S., Bouzakis K.-D., Efstathiou K., Pavlidou E., Erkens G., Rambadt S., Wirth I.: Optimization of the cutting edge roundness and its manufacturing procedures of cemented carbide inserts, to improve their milling performance after a PVD coating deposition. 3rd International Conference "THE" Coatings, November 28-29, Thessaloniki, Greece, 2002, pp. 71-80.

Bouzakis K.-D., Michailidis N., Skordaris G., Kombogiannis S., Hadjiyiannis S., E. Bouzakis, Efstathiou K., Pavlidou E., Erkens G., Rambadt S., Wirth I., Optimization of the cutting edge roundness and its manufacturing procedures of cemented carbide inserts, to improve their milling performance after a pvd coating deposition, Proceedings of 3rd International Conference "THE Coatings" 28-29 November 2002 Thessaloniki, 2002, pp: 71-80.

Bouzakis K.-D., Mitsi S., Mansour G., Lontos A. : Dynamical behaviour of planar CAM mechanism using a CAM coated with the aid of plasma spray method. International Conference Balkan Tribological Association, Vol. 1, June 12-14, Turkey, 2002, pp. 353-359.

Bouzakis K.-D., Mitsi S., Mansour G., Lontos A. : Dynamical behaviour of planar cam mechanism using a cam coated with the aid or plasma spray method. 3rd International Conference "THE" Coatings, November 28-29, Thessaloniki, Greece, 2002, pp. 225-234.

Bouzakis K.-D., Mitsi S., Mansour G., Lontos A., Dynamical Behaviour of Planar Cam Mechanism Using a Cam Coated with the Aid of Plasma Spray Method, 3rd Intern. Conference "THE" Coatings in Manufacturing Engineering and EUREKA Partnering Event, Thessaloniki, pp. 225-231, 2002.

Bouzakis K.-D., N. Michailidis, G. Skordaris, S. Hadjiyiannis, K. Efstathiou, G. Erkens, S. Rambadt, I. Wirth: Optimization of the cutting edge roundness and its manufacturing procedures of cemented carbide inserts, to improve their milling performance after a PVD coating deposition. International Conference on Metallurgical Coatings and Thin Films, San Diego, USA, April 22-26, 2002.

Bouzakis K.-D., O. Knotek, A. Lontos, N. Michailidis, E. Lugscheider, K. Bobzin, A. Etzkorn: Determination of mechanical properties of electron Beam-Physical Vapor Deposition-Thermal Barrier coatings (EB-PVD-TBCs) by means of nanoindentation and impact testing, International Conference on Metallurgical Coatings and Thin Films, San Diego, USA, April 22-26, 2002.

Bouzakis K.-D., Paraskevopoulou R., Giannopoulos G. , 2002, A genetic algorithm based optimization of cutting parameters in turning, Proceedings of the 1st International Conference on Manufacturing Engineering ICMEN , pp. 205-214.

Bouzakis K.-D., Paraskevopoulou R., Giannopoulos G. : A genetic algorithm based optimization of cutting parameters in turning. 1st International conference on Manufacturing Engineering ICMEN, 3-4 October 2002, Sani, Halkidiki, Greece, pp. 205-214.

Bouzakis K.-D., Petridou C., Tsiafis I., Sampsonidis D. : Assembly and test of high precision drift tube chambers for the atlas muon spectrometer. Seminar Intelligent Computation Manufacturing Engineering, Naples, Italy, 2002, pp. 639-644

Bouzakis K.-D., Petridou C., Tsiafis I., Sampsonidis D., Assembly and test of high precision drift tube chambers for the atlas muon spectrometer. 3rd CIRP International Seminar on Intelligent in Manufacturing Engineering, Ishia, Italy, 2002, pp. 639-644, 2002.

Bouzakis K.-D., Siganos A., Knotek O., Lugscheider E., Leyendecker T., Erkens G.: Evaluation of thin C – and diamond coatings by impact testing. 1st International conference on Manufacturing Engineering ICMEN, 3-4 October 2002, Sani, Halkidiki, Greece, pp. 503-512.

Bouzakis K.-D., Siganos A., Leyendecker T., Erkens G.: Examination of superficial layer effect on nitride coatings failure mechanisms during impact testing. 3rd International Conference “THE” Coatings, November 28-29, Thessaloniki, Greece, 2002, pp. 373-382.

Bouzakis K.-D., Siganos A., Pavlidou E., Erkens G. : Fatigue performance determination of pvd coatings on bearing steels with various roughness specifications through the impact test. 3rd International Conference “THE” Coatings, November 28-29, Thessaloniki, Greece, 2002, pp. 407-416.

Bouzakis K.-D., Skordaris G., Mirisidis I., Anastopoulos I., Michailidis N., Hadjiyiannis S., Erkens G., Cremer R. : Determination of coating residual stress alterations demonstrated in the case of annealed films and based on a FEM supported continuous simulation of the nanoindentation. 8th International Conference on Plasma Surface Engineering, Carmisch-Partenkirchen, September 9-13, 2002, pp. 50.

Bouzakis K.-D., Skordaris G., Mirisidis I., Hadjiyiannis S., Anastopoulos I., Michailidis N., Erkens G., Cremer R.: Determination of coating residual stress alterations demonstrated in the case of annealed films and based on a fem supported continuous simulation of the nanoindentation. 3rd International Conference “THE” Coatings, November 28-29, Thessaloniki, Greece, 2002, pp. 355-364.

Bouzakis K.-D., Skordaris G., Mirisidis I., Hadjiyiannis S., Anastopoulos I., Michailidis N., Erkens G., Cremer R., Determination of coating residual stress alterations demonstrated in the case of annealed films and based on a fem supported continuous simulation of the nanoindentation, Proceedings of 3rd International Conference "THE Coatings" 28-29 November 2002 Thessaloniki, 2002, pp: 355-363.

Bouzakis K.-D., Tsiafis I., Friderikos O., Petridou Ch. Sampsonidis D., Assembly and test of high precision drift tube chambers for the Atlas muon spectrometer. 1st International conference on Manufacturing Engineering ICMEN, 3-4 October 2002, Sani, Halkidiki, Greece, pp. 799-816, 2002

Bouzakis K.-D., Tsiafis I., Friderikos O., Petridou Ch. Sampsonidis D.: Assembly and test of high precision drift tube chambers for the Atlas muon spectrometer. 1st International conference on Manufacturing Engineering ICMEN, 3-4 October 2002, Sani, Halkidiki, Greece, pp. 799-816.

Bouzakis K.-D., Tsiafis I., Lontos A., Michailidis N., Anastopoulos I., Kalogirou M., Friderikos O. : Study of mechanical properties of various epoxy glue types, by mean of macro indentations and its FEM simulation. 1st International conference on Manufacturing Engineering ICMEN, 3-4 October 2002, Sani, Halkidiki, Greece, pp. 525-544.

Bouzakis K.-D., Tsiafis I., Lontos A., Michailidis N., Anastopoulos I., Kalogirou M., Friderikos O., Study of mechanical properties of various epoxy glue types, by mean of macro indentations and its FEM simulation. 1st International conference on Manufacturing Engineering ICMEN, 3-4 October 2002, Sani, Halkidiki, Greece, pp. 525-544, 2002

Bouzakis K.-D., Vidakis N., Lontos A., Mitsi S., David K. : Implementation of low temperature deposited coating fatigue parameters in commercial roller bearings catalogues. 1st International conference on Manufacturing Engineering ICMEN, 3-4 October 2002, Sani, Halkidiki, Greece, pp. 777-788.

Bouzakis K.-D., Vidakis N., Lontos A., Mitsi S., David K., Implementation of Low Temperature Deposited Coating Fatigue Parameters in Commercial Roller Bearings Catalogues, 1st ICMEN Intern. Conference on Manufacturing Engineering ICMEN 2002, Sani, Halkidiki, pp. 777-788, 2002.

Decker M, Savaidis G., 2002, Radaufstands- und Achsführungskräfte als Grundlage für die betriebsfestigkeitsgerechte Entwicklung von Fahrwerksbauteilen, Proceedings of Fahrwerke und Betriebsfestigkeit, DVM-Bericht 129, Osnabrück, 93-104.

Denzin R., Lange P., Savaidis G., 2002, Last-, Beanspruchungsermittlung und Betriebsfestigkeits-erprobung von Lkw-Parabelfedern, Proceedings of Federn im Fahrzeugbau, DVM-Bericht 669, Berlin, 121-136.

Erkens G., Cremer R., Hamoudi T., Rambadt S., Wirth I., Bouzakis K.-D.: Development of novel, electrically insulating nitridic hard coatings. 3rd International Conference "THE" Coatings, November 28-29, Thessaloniki, Greece, 2002, pp. 39-48.

Erkens G., Rambadt S., Wirth I., Cremer R., Bouzakis K.-D., Michailidis N., About the Performance of Crystalline PVD-Alumina Coatings in Cutting

Applications, 29th International Conference on Metallurgical Coatings and Thin Films (ICMCTF), April 22-26, 2002, San Diego, CA, USA.

Erkens G., Rambadt S., Wirth I., Cremer R., Bouzakis K.-D., Michailidis N., New approaches to innovative hard coatings deposited with pulsed PVD technology, 5th International Pulsed Plasma Surface Technologies Workshop and Tutorials (PPST), 17-20 April, Capistrano Beach, California, USA, 2002.

Erkens G., Rambadt S., Wirth I., Cremer R., Bouzakis K.-D., Michailidis N.: New approaches to innovative hard coatings deposited with pulsed PVD technology. 5th International Pulsed Plasma Surface Technologies Workshop and Tutorials, April 17th –20th, Capistrano Beach, California, USA, 2002.

Fischer F., Plitzko M., Savaidis G., Wanke K., 2002, Fortschritte in der Federntechnik Proceedings of Federn im Fahrzeugbau, DVM-Bericht 669, Berlin, 9-23.

G. Erkens, S. Rambadt, I. Wirth, R. Cremer, Bouzakis K.-D., N. Michailidis: Increasing of the milling performance of cemented carbide coated inserts, by the deposition of a crystalline PVD Al₂O₃ top layer. International Conference on Metallurgical Coatings and Thin Films, San Diego, USA, April 22-26, 2002.

G. Peinel, T. Bohler, K. Fedra, R. Friedrich, K. Karatzas, A. Karppinen, P.H. Kraggerud, J. Kukkonen, N. Moussiopoulos, S. Larssen, F. de Leeuw, A. Lohmeyer, T. Pulles, S. Reis, Th. Rose, D.v.d. Hout (2002), Env-e-City (ENvironmentally Viable electronic CITY), e-2002 e-business and e-work conference, Prague, 16-18 October 2002.

Georgiadis P., Vlachos D., Karatsis I., Reverse Logistics Modeling: A New Approach, Using System Dynamics, 6th Balkan Conference on Operational Research, Thessaloniki, 22-25 May, 2002 (πρακτικά σε ηλεκτρονική μορφή).

Georgiadis P., Vlachos D., Politou A., Production Planning in Make-to-Order Environment: A Hybrid Model Approach, 6th Balkan Conference on Operational Research, Thessaloniki, 22-25 May, 2002 (πρακτικά σε ηλεκτρονική μορφή).

Giagopoulos, D., Salpistis, S. and Natsiavas S., "Stochastic Road Excitation of Vehicle Models with Nonlinear Suspensions," Ninth Conference on Nonlinear Vibrations, Stability and Dynamics of Structures, Blacksburg, Virginia, 2002.

Giagopoulos D., Salpistis C., Natsiavas S., 2002, "Stochastic Road Excitation of Vehicle Models with Nonlinear Suspensions," Ninth Conference on Nonlinear Vibrations, Stability and Dynamics of Structures, Blacksburg, Virginia, 2002.

K. - D. Bouzakis, I. Tsiafis, Lontos A., Michailidis N., Anastopoulos I., M. Kalogirou, O. Friderikos, Study of mechanical properties of various epoxy resin types, by means of macro indentation and its FEM simulation, Proceedings of 1st International Conference on Manufacturing Engineering ICMEN and EUREKA Partnering Event, 3-4 October 2002, Sani-Halkidiki-Greece, ZITI Editions Thessaloniki, 2002, pp: 525-541.

K. - D. Bouzakis, Lontos A., Michailidis N., Knotek O., Lugscheider E., Bobzin K., Eitzkorn A., Determination of mechanical properties of electron beam-

physical vapor deposition-thermal barrier coatings (EB-PVD-TBCs) by means of nanoindentation and impact testing, Proceedings of 1st International Conference on Manufacturing Engineering ICMEN and EUREKA Partnering Event, 3-4 October 2002, Sani-Halkidiki-Greece, ZITI Editions Thessaloniki, 2002, pp: 513-523.

K. Karatzas, A. Bassoukos, A. Kaprara, A. Masouras, Th. Slini and N. Moussiopoulos (2002), Integrated urban air quality management and information systems, EUROTRAC Special Report (N. Moussiopoulos and K. Karatzas eds), SATURN/EURASAP Urban Air Quality Management Systems proceedings, pp. 93-102.

Kallos G., Gofa F., Varinou M., O'Connor M., Mavromatidis E., Astitha M., Tsiligiridis G., 2002, : Photo oxidation Processes in the Eastern Mediterranean Region. Proc. 8th Conference on Chemistry and the Environment, Athens, Greece.

Kallos G., Gofa F., Varinou M., O'Connor M., Mavromatidis E., Astitha M., Tsiligiridis G., 2002, : Spatial and temporal scales of transport and photo oxidation over the Eastern Mediterranean Region. Proc. IGAC/CACGP Atmospheric Chemistry within the Earth System, Crete, Greece.

Karagiannidis A., Moussiopoulos N., Panagiotakopoulos Chr. and Perkoulidis G., 2002, Locating facilities for treatment and disposal of solid wastes: A review of current literature, Proceedings of the 1st International Conference of the Hellenic Solid Waste Management Association (electronic proceedings in <http://eedsa.duth.gr>), Athens, Greece, 28 February - 1 March.

Karagiannidis A., Papadopoulos A., Tsatsarelis T. and Perkoulidis G., 2002, HELCARE: A forum for the management of wastes from electronic equipment in Greece, Proceedings of the CARE Innovation 2002, 4th International Symposium, Brokerage Event and Environmental Exhibition (B. Kopacek and the International (S)CARE Electronics Office Vienna, eds), Austria, 25-28 November, CD-ROM edition.

Karagiannidis A., Perkoulidis G. and Moussiopoulos N., 2002, Compilation and multicriterial ranking of optimal decentralized scenarios for locating solid waste management facilities at the region of Peloponnesse in Southern Greece, Proceedings of the International Conference on Environment, Locational Decisions and Regional Planning (S. Singh, D.K. Nayak and B.S. Mipun, eds), Shillong, India, 5-9 September, 9-26.

Karagiannidis A., Perkoulidis G., Moussiopoulos N. and Tantsis G., 2002, An innovative system of chambers for the collection and compression of solid wastes, Proceedings of the 7th National Congress on Renewable Energy Sources, Patra, Greece, 6-8 November, Vol. 2, 219-226.

Karagiannidis A., Perkoulidis G., Moussiopoulos N. and Tantsis G., 2002, Innovative temporary storage of solid wastes by a system of collection and compaction chambers, Proceedings of the 7th National Conference on Renewable Energy Sources, Eds. Tsiligiridis G. and Kaouris I., PATRA, Greece, 6-8 November, Vol. 2, 219-226.

Karagiannidis A., Xirogiannopoulou A. and Moussiopoulos N., 2002, "Pay-as-you-throw" An innovative solid waste-charging system for variable pricing of

waste collection, Proceedings of the 1st International Conference of the Hellenic Solid Waste Management Association (electronic proceedings in <http://eedsa.duth.gr>), Athens, Greece, 28 February - 1 March.

Karagiannidis A., Xirogiannopoulou A., Perkoulidis G., Salonikidou A. and Moussiopoulos N., 2002, Assessment of the collection of urban solid wastes, Proceedings of the 6th Conference on Protection and Restoration of the Environment (A.G. Kungolos, A.B. Liakopoulos, G.P. Korfiatis, A.D. Koutsospyros, K.L. Katsifarakis and A.D. Demetracopoulos, eds), Skiathos, Greece, 1-5 July, Vol.2, 945-952.

Karatzas K. (2002), Sustainable human-centric services towards sustainable cities, Proceedings of EusoSustain 2002 Conference and Eureka Brokerage Event, (N. Moussiopoulos, Ch. Koroneos, N. Dourala and G. Katsikas eds), Ρόδος, 2-5 Απριλίου 2002).

Karatzas K. Bassoukos T., Kaprara A., Masouras A., Slini Th., Kalognomou L. and Moussiopoulos N. (2002), Integrated urban environmental management and information systems (IUEMIS), Proceedings from the EUROTRAC-2 Symposium 2002 (P.M. Midgley and M. Reuther, eds), CD-ROM ISBN 3-8236-1385-5, Margraf Verlag, Weikersheim 2002.

Karatzas K., Bassoukos A., Kaprara A., Masouras A., Slini Th. and Moussiopoulos N., 2002, Integrated urban air quality management and information systems, Proceedings of a SATURN-EURASAP Workshop, Eds. Moussiopoulos N. and Karatzas K., RHODES, Greece, 4 April, 93-101.

Kinias I., Vlachos D., Models for Decision Making on Warranty Policies: A Review, 15ο Εθνικό Συνέδριο Επιχειρησιακής Έρευνας, Τρίπολη, 30 Νοεμβρίου-2 Δεκεμβρίου 2002 (πρακτικά σε ηλεκτρονική μορφή).

Klocke F., Hurasky-Schoenwerth O., Kleinjans M., Bouzakis K.-D., Michailidis N., Skordaris G.: Studies on changes in wear mechanisms of recoated cemented carbide hobs. 3rd International Conference "THE" Coatings, November 28-29, Thessaloniki, Greece, 2002, pp. 101-110.

Klocke F., Hurasky-Schönwerth O., Kleinjans M., Bouzakis K.-D., Michailidis N., Skordaris G., Studies on changes in wear mechanisms of recoated cemented carbide hobs, Proceedings of 3rd International Conference "THE Coatings" 28-29 November 2002 Thessaloniki, 2002, pp: 101-110.

Koroneos C. J., Neroutsos K., Savopoulos D. and Moussiopoulos N., 2002, Renewable energy sources in the island of Patmos and the use of solar systems, Proceedings of the 7th National Conference on Renewable Energy Sources, Eds. Tsiligidis G. and Kaouris I., PATRA, Greece, 6-8 November, Vol. 1, 135-142.

Koroneos C.J. and Moussiopoulos N., 2002, The use of hydrogen as an alternative fuel – CRYOPLANE, Proceedings of the Conference EURO-SUSTAIN: Implementing the Integrated Product Policy, Eds. Moussiopoulos N., Koroneos Chr., Dourala N. and Katsikas G., RHODES, Greece, 2-5 April, CD-ROM edition.

Kukkonen J., Karppinen A., Nikmo J., Moussiopoulos N., Louka P., Larssen S., Bohler T. and Lohmeyer A., 2002, Survey of meteorological data for environmental impact assessments in the ENV-e-CITY project, Proceedings

of the 8th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, Eds. Batchvarova E. and Syrakov D., SOFIA, Bulgaria, 14-17 October, 278-281.

Kyriakis N., Z. Samaras E. Vouitsis, T. Manikas, P. Pistikopoulos, K. Pattas, T. Seguelong and G. Blanchard "A Novel Method for the Experimental Evaluation of Fuel-Borne Catalyst Effect on the Soot Auto-Ignition", Proceedings of the 2002 SAE International Congress, SAE paper 2002-01-0429, Detroit Michigan, 2002.

Louka P., Douros I., Simonidis C., Arvanitis A. and Moussiopoulos N., 2002, Application of MEMO to ESCOMPTE pre-campaign, Proceedings of the EUROTRAC-2 Symposium, Eds. Midgley P. M. and Reuther M., GARMISCH-PARTENKIRCHEN, Germany, 11-15 March, 282, CD-ROM edition.

Metallidis, P., Verros, G., Natsiavas, S. and Papadimitriou, C., "Identification and Fault Detection of Systems with Piecewise Linear Characteristics," First European Workshop on Structural Health Monitoring, Paris, France, 2002.

Mihailidis A., Bakolas V., Panagiotidis K., Drivakos N., 2002, Prediction of the friction coefficient of Spur Gear Pairs. VDI-Berichte Nr. 1665, pp. 705-719.

Mihailidis A., Panagiotidis K., Drivakos N., 2002, Influence of lubricant properties on elastohydrodynamic lubrication. Proceedings of the 4th International Conference on Tribology "Balkantrib 2002", Kayseri, Turkey, pp. 41-48.

Mihailidis A., Tsilingiridis G., 2002, : A Wind Energy Converter without rotor shaft. Proc. Int. Conf. 'Research and Development of Mechanical Elements and Systems', vol. 1, pp. 39-44, Sarajevo, Bosnia-Herzegovina, September 19-20, 2002.

Mitsi S., Bouzakis K. D., Mansour G., Lontos A., Dynamical Behaviour of Planar CAM Mechanism Using a CAM Coated with the Aid of Plasma Spray Method, 4th International Conference on Tribology, Kayseri, Turkey, Vol. I, pp. 353-359, 2002.

Mitsi S., Bouzakis K. D., Mansour G., Maliaris G., Sagris D., Off-Line Programming of an Industrial Robot for Welding, 3rd CIRP International Seminar on intelligent Computation in Manufacturing Engineering ICME 2002, Ischia, Italy, 2002.

Mitsi S., Bouzakis K.-D., Mansour G., Maliaris G., Sagris D. : Off-line programming of an industrial robot for welding. Seminar Intelligent Computation Manufacturing Engineering, Naples, Italy, 2002, pp. 557-562.

Mitsi S., Bouzakis K.-D., Mansour G., Sagris D., Maliaris G. : Off-line programming of an industrial robot for manufacturing. 1st International conference on Manufacturing Engineering ICMEN, 3-4 October 2002, Sani, Halkidiki, Greece, pp. 769-776.

Mitsi S., Bouzakis K.-D., Mansour G., Sagris D., Maliaris G., Off-Line Programming of an Industrial Robot for Manufacturing, 1st ICMEN Intern. Conference on Manufacturing Engineering ICMEN 2002, Sani, Halkidiki, pp. 769-776, 2002.

Moussiopoulos N. and Louka P., 2002, Advanced local scale models for simulating air flow and pollutant dispersion in street canyons, Proceedings of the EUROTRAC-2 Symposium, Eds. Midgley P. M. and Reuther M., GARMISCH-PARTENKIRCHEN, Germany, 11-15 March, 175-181, CD-ROM edition.

Moussiopoulos N., 2002, Environmental evaluation of hydrogen as an aviation fuel - the Cryoplane project, Proceedings of the Preconference Euboean of the World Conference on Energy 2002, Eds. Keramaris G. and Iordanis T., EUBIA, Greece, 18-20 April, 47-53.

Moussiopoulos N., 2002, Recent achievements in urban air pollution research, Proceedings of the 8th FECS Conference on Chemistry and the Environment Chemistry for a Sustaining World, in Environmental Science and Pollution Research International, Ed. Hutzinger O., ATHENS, Greece, 31 August-4 September, Special Issue 3, 38-39.

Moussiopoulos N., 2002, Refined multiscale modelling tools, Proceedings of the EUROTRAC-2 Symposium, Eds. Midgley P. M. and Reuther M., GARMISCH-PARTENKIRCHEN, Germany, 11-15 March, 189-195, CD-ROM edition.

Moussiopoulos N., 2002, Some remarks on the environmental dimension of the European sustainable development strategy, Proceedings of the International Congress Energy 2002, Eds. Keramaris G. and Iordanis T., ATHENS, Greece, 12-15 June, 54-55.

Moussiopoulos N., 2002, The contribution of SATURN to a better understanding of urban air pollution, Proceedings of the 8th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, Eds. Batchvarova E. and Syrakov D., SOFIA, Bulgaria, 14-17 October, 301-305.

Moussiopoulos N., Arvanitis A., Iordanidou A. and Georgiadou E., 2002, Applications and further development of the OFIS model, Proceedings of the EUROTRAC-2 Symposium, Eds. Midgley P. M. and Reuther M., GARMISCH-PARTENKIRCHEN, Germany, 11-15 March, 282, CD-ROM edition.

Moussiopoulos N., Bohler T., Fedra K., Friedrich R., Karatzas K., Karppinen A., Kraggerud Per H., Kukkonen J., Larssen S., De Leeuw F., Lohmeyer A., Peinel G., Pulles T., Reis S., Rose T. and van den Hout D., 2002, ENV-e-CITY: Environmentally Viable electronic City, Proceedings of the 16th International Conference: Informatics for Environmental Protection: Environmental Communication in the Information Society, Eds. Pillmann W. and Tochtermann K., VIENNA, Austria, 25-27 September, 352-359.

Moussiopoulos N., Douros I., Louka P., Simonidis C. and Arvanitis A., 2002, Evaluation of memo using the escompte pre-campaign dataset, Proceedings of the 8th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, Eds. Batchvarova E. and Syrakov D., SOFIA, Bulgaria, 14-17 October, 87-91.

Moussiopoulos N., Flocas H.A., Sahm P., Naneris C., Assimakopoulos V.D., Helmig C.G. and Louka P., 2002, A modelling method for estimating transboundary air pollution in south-eastern Europe, Proceedings of the 11th

International Symposium Transport and Air Pollution, Eds. Sturm P., Minarik S., GRAZ, Austria, 19-21 June, Vol. 1, 117-124.

Moussiopoulos N., Karagiannidis A., Perkoulidis G. and Behl M., 2002, Mining of disposed solid wastes from semi-and un-controlled landfills: Experience, practice and perspectives, Proceedings of the 1st International Conference of the Hellenic Solid Waste Management Association (electronic proceedings in <http://eedsa.duth.gr>), Athens, Greece, 28 February - 1 March.

Moussiopoulos N., Karatzas K. and Kalognomou E.-A., 2002, An environmentally viable electronic city application, ENV-e-CITY towards harmonization in the use of environmental information, Proceedings of the 8th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, Eds. Batchvarova E. and Syrakov D., SOFIA, Bulgaria, 14-17 October, 274-277.

Moussiopoulos N., Karatzas K. and Kalognomou E.A., 2002, Towards an environmental viable electronic city, Proceedings of the Conference EURO-SUSTAIN: Implementing the Integrated Product Policy, Eds. Moussiopoulos N., Koroneos Chr., Dourala N. and Katsikas G., RHODES, Greece, 2-5 April, CD-ROM edition.

Moussiopoulos N., Karatzas K. and Kalognomou E.A., 2002, Towards an Environmentally Viable Electronic City , ENV-e-CITY, Proceedings of the EUROTRAC-2 Symposium, Eds. Midgley P. M. and Reuther M., GARMISCH-PARTENKIRCHEN, Germany, 11-15 March, 283, CD-ROM edition.

Moussiopoulos N., Koroneos C.J. and Dourala N., 2002, Integrated Product Policy: design and implementation, Proceedings of the Preconference Kozani of the World Conference on Energy, Eds. Keramaris G. and Iordanis T., KOZANI, Greece, 21-23 March, 112-115.

Moussiopoulos N., Louka P., Almbauer R., Colbeck I., Finzi G., Finardi S. and Peuch V-H., 2002, Formation of Ozone in South European Cities, FOSEC, Proceedings of the EUROTRAC-2 Symposium, Eds. Midgley P. M. and Reuther M., GARMISCH-PARTENKIRCHEN, Germany, 11-15 March, 282, CD-ROM edition.

Moussiopoulos N., Samaras Z., Kouimtzis Th., Karagiannidis A., Voutsas D., Perkoulidis G., Koufodimos G. and Kouras Th., 2002, Sampling, field work and laboratory analyses in the frame of integrated investigation of municipal solid waste management in Thessaloniki, Greece, Proceedings of the 1st Environmental Congress of Macedonia (K. Nikolaou, ed.), 1-4 March, Thessaloniki, Greece, 206-212.

Moussiopoulos N., Turlou P.M. and Vlachokostas Ch., 2002, Integrated assessment of air pollution abatement strategies in urban areas: Application of OPUS-AIR to the greater Athens area, Proceedings of a SATURN-EURASAP Workshop, Eds. Moussiopoulos N. and Karatzas K., RHODES, Greece, 4 April, 21-33.

Moussiopoulos N., Turlou P.M., Arvanitis T. and Papagiannakis A., 2002, Development of a model system for the prediction and management of air quality in Thessaloniki. Application for alternative transportation scenarios,

Proceedings of the 1st Environmental Conference of Macedonia, Ed. Nikolaou K., THESSALONIKI, Greece, 1-4 March, 46-51.

Ntziachristos L., B. Giechaskiel and Z. Samaras "Future Requirements for the Characterisation of Exhaust Particulate Emissions", Proceedings of the 11th International Symposium Transport and Air Pollution, Vol. I, pp.71-78, Graz, June 2002.

Ossanlis I., Karatzas K., Kaprara A., Louka P. and Moussiopoulos N. (2002), Wind fields and fire simulation in tunnels, Proceedings of the International Conference "Protection and Restoration of the Environment VI", Skiathos, July 1-5, 2002, pages 1585-1590.

Ossanlis I., Karatzas K., Kaprara A., Louka P. and Moussiopoulos N., 2002, Flow field and fire simulations in tunnels, Proceedings of the 6th Conference on Protection and Restoration of the Environment, Eds. Kungolos A.G. et al., SKIATHOS, Greece, 1-5 July, Vol.2, 1089-1096.

Papadimitriou, C., Theodosiou, C., Aichouch, P. and Natsiavas, S., "Reliability Analysis of Fluid-Filled Tanks Subjected to Earthquake Excitation," Fourth GRACM Congress on Computational Mechanics, Patra, Greece, 2002.

Papadopoulos A. M., Avgelis A. and Oxizidis S. (2002), Reducing the cooling loads whilst renovating a medieval Mediterranean tower into a museum, Proceedings of the Conference PLEA 2002 Design with the environment, Toulouse, France, 22-24 July, 945-950.

Papadopoulos A. M., Karamanos A., Avgelis A. (2002), Environmental impact of insulating materials at the end of their useful lifetime, Proceedings of the conference PROTECTION AND RESTORATION OF THE ENVIRONMENT VI, Skiathos, Greece, 1-5 July, Vol.III, 1625-1632.

Papadopoulos A. M., Oxizidis S. and Avgelis A. (2002), Integration of renewable energy systems in urban buildings: from energy conservation to feasible energy supply, Proceedings of the EPIC 2002 AIVC Conference Energy Efficient & Healthy Buildings in Sustainable Cities, Lyon, France, 23-28 October, 443-448.

Papadopoulos A., Georgiadis P., Vlachocostas C., 2002, The Greek Public Power Corporation's Capacity Development: A System Dynamics Approach, Proceedings of 6th Balkan Conference on Operational Research, Thessaloniki, (πρακτικά σε ηλεκτρονική μορφή).

Papadopoulos A.M. and Papakostas K.T. (2002), Strategies for a more efficient integration of renewable energy systems in urban buildings, Proceedings of the 33rd Congress on Heating, Refrigeration and Air Conditioning, Belgrade, 04-06 December, 207-214.

Papadopoulos A.M., Avgelis A., Karamanos A. and Oxizidis S. (2002), Dimensioning autonomous renewable energy systems with the multicriteria analysis method Electre III, Proceedings of the 4th Balkan Conference on Operations Research, Thessaloniki, 23-25.05. CD-rom

Papadopoulos A.M., Georgiadis P.E. and Vlachokostas C.G. (2002), The Greek public power corporation's capacity development: A system dynamics

approach, Proceedings of the 4th Balkan Conference on Operations Research, Thessaloniki, 23-25.05. CD-rom

Papakostas K.T. and Papadopoulos A.M. (2002), Energy required for the heating, cooling, humidification and dehumidification of the outdoor ventilation air. The case of Athens and Thessaloniki, Greece, Proceedings of the 33rd Congress on Heating, Refrigeration and Air Conditioning, Belgrade, 04-06 December, 135-144.

Salpistis C., Karagiannis G., Chryssoulakis Y., 2002, Multispectral Spectroscopy Through Tunable Multispectral Reflectoscopy Between 200 nm and 3500 nm . [A powerful, under development tool of investigation, on painted artworks] NATO ARW: MOLECULAR AND STRUCTURAL ARCHAEOLOGY : COSMETIC AND THERAPEUTIC CHEMICALS, Erice , Italy 23-27 May 2002.

Samaras Z., L. Ntziachristos and B. Giehasiel "Characterisation of Exhaust Particulate Emissions from Road Vehicles", invited presentation, FISITA Paper F02E331, Helsinki Finland, June 2002.

Seferlis P., and Kiparissides C., "Prediction of the Joint Molecular Weight-Long Chain Branching Distribution in Free-Radical Branched Polymerizations", in Computer Aided Process Engineering - 12, J. Grievink and J. van Schijndel Eds, 961-966, 2002.

Skolianos S.M, Mavropoulos A.A, 2002, Microstructure evolution during solidification of SiCp-reinforced hypereutectic Al-Si alloy composites, Proceedings of the 1st INTERNATIONAL CONFERENCE ON MANUFACTURING ENGINEERING (ICMEN), ed. K.-D. Bouzakis, Sani, Halkidiki, Greece, 599-608.

Skolianos. M.S, Mavropoulos. A.A, 2002, Microstructure evolution during solidification of SiCp reinforced hypereutectic Al-Si alloy composites, 1st International Conference on Manufacturing Engineering (ICMEN), Prof K.-D. Bouzakis, Ziti, Thessaloniki, 599-607

Slini Th., Karatzas K. and Moussiopoulos N., 2002, Correlation of air pollution and meteorological data using Neural Networks, Proceedings of the 8th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, Eds. Batchvarova E. and Syrakov D., SOFIA, Bulgaria, 14-17 October, 368-372.

Th. Rose, G. Peinel, M. Sedlmayr and K. Karatzas (2002), Citizen-centred Dissemination of Air Quality Information on Multi-modal Information Channels: the Apnee Project, SATURN/EURASAP Urban Air Quality Management Systems proceedings (N. Moussiopoulos and K. Karatzas eds), pp. 103-110.

Theodosiou, C., Aichouch, P., Natsiavas S. and Papadimitriou, C., "Optimal Design of Unanchored Fluid-Filled Tanks to Seismic Excitation," Fourth International Conference on Computational Stochastic Mechanics, Corfu, Greece, 2002.

Theodosiou, C., Verros, G. and Natsiavas S., "Dynamics of Oscillators with Strongly Nonlinear Damping," Fourth European Nonlinear Oscillations Conference, Moscow, Russia, 2002.

Theodosiou, C., Verros, G. and Natsiavas, S., "Dynamical Systems with Friction and Motion Limiting Constraints," International Conference on Nonsmooth / Nonconvex Mechanics, Thessaloniki, Greece, 2002.

Tsilingiridis G., 2002, : Energy use and air pollutant emissions in Greek industry: sector and geographical analysis. Proc. Int. Conf. 'Restoration and Protection of Environment VI', vol. II, pp. 1113-1121, Skiathos, Greece, July 1-5, 2002.

Vlachos D., Tolias Y., Neuro-Fuzzy Modeling in Bankruptcy Prediction, 6th Balkan Conference on Operational Research, Thessaloniki, 22-25 May, 2002 (πρακτικά σε ηλεκτρονική μορφή).

Yannopoulos S., Karatzas K. and Moussiopoulos N (2002), Air quality related environmental impact assessment for the new landfill site of Thessaloniki, Proceedings of the International Conference "Protection and Restoration of the Environment VI", Skiathos, July 1-5, 2002, pages 1089-1096.

Μαρτινόπουλος Γ., Ekhrwat M., Τσιλιγκιρίδης Γ., 2002, : Εκτίμηση των περιβαλλοντικών επιπτώσεων κατά τη διάρκεια του κύκλου ζωής ηλιακών θερμοσιφωνικών συστημάτων. Πρακτικά 7ου Εθνικού Συνεδρίου για τις Ήπιες Μορφές Ενέργειας, τομ. Β', σ. 403-408, Παν. Πατρών, ΙΗΤ, Πάτρα, Νοέμβριος 2002.

Μαρτινόπουλος Γ., Ekhrwat M., Τσιλιγκιρίδης Γ., Τσιπιάς Δ., 2002, : Λογισμικά εργαλεία ,Eco Tools, για την Ανάλυση Κύκλου Ζωής. Πρακτικά 7ου Εθνικού Συνεδρίου για τις Ήπιες Μορφές Ενέργειας, τομ. Β', σ. 393-402, Παν. Πατρών, ΙΗΤ, Πάτρα, Νοέμβριος 2002.

Μήτση Σ., Μπουζάκης Κ.,-Δ., Μανσούρ Γ., Popescu I., Αναλυτικός Προσδιορισμός Θέσεων Επιπέδου Μηχανισμού που Περιέχει Ομάδα Assur 3ης Τάξης με Αρθρώσεις Περιστροφής και Ολίσθησης, 6ο συνέδριο ΕΕΔΜ., Θεσσαλονίκη, σ. 443-459, 2002.

Μήτση Σ., Μπουζάκης Κ.,-Δ., Μανσούρ Γ., Σαγρής, Δ., Μάλιαρης Γ., Αυτόματη Δημιουργία Κώδικα NC για Μηχανουργικές Κατεργασίες με τη Βοήθεια Βιομηχανικών Ρομπότ, 6ο Συνέδριο ΕΕΔΜ., Θεσσαλονίκη, σ. 425-434, 2002.

Μπουζάκης Κ. –Δ, Μιχαηλίδης Ν., Erkens G., Προσδιορισμός καμπύλων τάσης παραμόρφωσης λεπτών σκληρών επικαλύψεων με τη βοήθεια της FEM προσομοίωσης της δοκιμασίας νανοσκληρομέτρησης, Πρακτικά 6ου Συνεδρίου «Εργαλειομηχανές – Μηχανουργικές Κατεργασίες», Εκδόσεις ΖΗΤΗ Θεσσαλονίκη, Οκτώβριος 2002-Κασσάνδρα Χαλκιδικής, σελ. 293-306.

Μπουζάκης Κ. –Δ, Μιχαηλίδης Ν., Αναστόπουλος Ι., Σκορδάρης Γ., Χατζηγιάννης Σ., Κομπογιάννης Σ., Erkens G., S. Rambdt, Wirth I., Cremer R., Αύξηση της απόδοσης κατά το φραιζάρισμα επικαλυμμένων πλακιδίων σκληρομετάλλου, μέσω της εναπόθεσης ενός επιφανειακού κρυσταλλικού στρώματος PVD Al₂O₃, Πρακτικά 6ου Συνεδρίου «Εργαλειομηχανές – Μηχανουργικές Κατεργασίες», Εκδόσεις ΖΗΤΗ Θεσσαλονίκη, Οκτώβριος 2002-Κασσάνδρα Χαλκιδικής, σελ. 255-266.

Μπουζάκης Κ. –Δ, Μιχαηλίδης Ν., Χατζηγιάννης Σ., Erkens G., FEM προσομοίωση της δοκιμασίας επαναλαμβανόμενης κρούσης και προσδιορισμός της συμπεριφοράς σε κόπωση PVD επικαλύψεων

λαμβάνοντας υπόψη τις καμπύλες τάσης-ελαστοπλαστικής παραμόρφωσης, Πρακτικά 6ου Συνεδρίου «Εργαλειομηχανές – Μηχανουργικές Κατεργασίες», Εκδόσεις ΖΗΤΗ Θεσσαλονίκη, Οκτώβριος 2002-Κασσάνδρα Χαλκιδικής, σελ. 353-364.

Μπουζάκης Κ. –Δ., Μιχαηλίδης Ν., Χατζηγιάννης Σ., Σκορδάρης Γ., Erkens G., Συνεχής προσομοίωση με την βοήθεια της μεθόδου των πεπερασμένων στοιχείων της δοκιμασίας νανοσκληρομέτρησης για τον καθορισμό της πραγματικής γεωμετρίας ακμής του διεισδυτή, των νόμων ελαστοπλαστικής παραμόρφωσης του υλικού και της σκληρότητας, Πρακτικά 6ου Συνεδρίου «Εργαλειομηχανές – Μηχανουργικές Κατεργασίες», Εκδόσεις ΖΗΤΗ Θεσσαλονίκη, Οκτώβριος 2002-Κασσάνδρα Χαλκιδικής, σελ. 307-320.

Μπουζάκης Κ. –Δ., Μιχαηλίδης Ν., Λόντος Α., Σιγανός Α., Χατζηγιάννης Σ., Γ. Γιαννόπουλος, Μάλιαρης Γ., Erkens G., Προσδιορισμός των ιδιοτήτων συνοχής, συνάφειας και ερπυσμού δυναμικά φορτιζομένων επικαλύψεων μέσω του δοκιμαστηρίου επαναλαμβανόμενης κρούσης, Πρακτικά 6ου Συνεδρίου «Εργαλειομηχανές – Μηχανουργικές Κατεργασίες», Εκδόσεις ΖΗΤΗ Θεσσαλονίκη, Οκτώβριος 2002-Κασσάνδρα Χαλκιδικής, σελ. 485-494.

Μπουζάκης Κ.,-Δ , Μήτση Σ., Μανσούρ Γ., Αναλυτικός Προσδιορισμός Θέσεων Επιπέδου Μηχανισμού που Περιέχει Ομάδα Assur 4ης Τάξης με μια Πρισματική Άρθρωση, 6ο συνέδριο ΕΕΔΜ., Θεσσαλονίκη, σ. 461-468, 2002.

Μπουζάκης Κ.,-Δ , Μήτση Σ., Μανσούρ Γ., Λόντος Α, Δυναμική Συμπεριφορά Επιπέδου Μηχανισμού με Οδηγητή Καμπύλη Επικαλυμμένη μέσω Θερμικού Ψεκασμού, 6ο Συνέδριο ΕΕΔΜ., Θεσσαλονίκη, σ. 435-442, 2002.

Μπουζάκης Κ.–Δ, Μιχαηλίδης Ν., Χατζηγιάννης Σ., Παυλίδου Ε., Erkens G., Επίδραση της ανόπτησης για βελτίωση της ικανότητας κοπής επικαλυμμένων κοπτικών εργαλείων, Πρακτικά 6ου Συνεδρίου «Εργαλειομηχανές – Μηχανουργικές Κατεργασίες», Εκδόσεις ΖΗΤΗ Θεσσαλονίκη, Οκτώβριος 2002-Κασσάνδρα Χαλκιδικής, σελ. 207-217.

Μπουζάκης Κ.-Δ., Ανδρεάδης Γ., 2002, Προσδιορισμός των εσωτερικών γεωμετρικών δομών ενός τεμαχίου για τον προγραμματισμό των φάσεων κατεργασιών του, Πρακτικά 6ου Συνεδρίου ΕΕΔΜ, Θεσσαλονίκη, 149-158

Μπουζάκης Κ.-Δ., Ευσταθίου Κ., Μιχαηλίδης Ν., Μάλιαρης Γ., 2002, Εφαρμογή σύγχρονων καινοτόμων τεχνολογιών για την αναπαραγωγή αρχαιολογικών ευρημάτων. Πρακτικά 6ου Συνεδρίου “Εργαλειομηχανές – Μηχανουργικές Κατεργασίες”, Θεσσαλονίκη , σελ. 25-33,.

Μπουζάκης Κ.-Δ., Ευσταθίου Κ., Μιχαηλίδης Ν., Μάλιαρης Γ., Εφαρμογή σύγχρονων και καινοτομικών τεχνολογιών για την αναπαραγωγή αρχαιολογικών ευρημάτων, Πρακτικά 6ου Συνεδρίου «Εργαλειομηχανές – Μηχανουργικές Κατεργασίες», Εκδόσεις ΖΗΤΗ Θεσσαλονίκη, Οκτώβριος 2002-Κασσάνδρα Χαλκιδικής, σελ. 25-33.

Μπουζάκης Κ.-Δ., Λόντος Α., Μιχαηλίδης Ν., O. Knotek, Lugscheider E., Bobzin K., Etkorn A., Προσδιορισμός των μηχανικών ιδιοτήτων των Electron Beam- Physical Vapor Deposition- Thermal Barrier Coatings (EB - PVD - TBCS) επικαλύψεων, μέσω του νανοσκληρόμετρου και του δοκιμαστηρίου κρούσης, Πρακτικά 6ου Συνεδρίου «Εργαλειομηχανές – Μηχανουργικές

Κατεργασίες», Εκδόσεις ΖΗΤΗ Θεσσαλονίκη, Οκτώβριος 2002-Κασσάνδρα Χαλκιδικής, σελ. 411-422.

Μπουζάκης Κ.-Δ., Μιχαηλίδης Ν., Αναστόπουλος Ι., Κομπογιάννης Σ., Erkens G., Roudnik P. J., Επίδραση της γεωμετρίας και της επικάλυψης στην κοπτική συμπεριφορά εργαλείων από σκληρομέταλλο κατά την κατεργασία κωνικών οδοντωτών τροχών, Πρακτικά 6ου Συνεδρίου «Εργαλειομηχανές – Μηχανουργικές Κατεργασίες», Εκδόσεις ΖΗΤΗ Θεσσαλονίκη, Οκτώβριος 2002-Κασσάνδρα Χαλκιδικής, σελ. 161-172.

Μπουζάκης Κ.-Δ., Μιχαηλίδης Ν., Σιγανός Α., Οι δραστηριότητες του εργαστηρίου εργαλειομηχανών και διαμορφωτικής μηχανολογίας (ΕΕΔΜ) την τριετία 1999-2002 σε διάφορες περιοχές των μηχανουργικών κατεργασιών με έμφαση στις επικαλύψεις των κοπτικών εργαλείων, Πρακτικά 6ου Συνεδρίου «Εργαλειομηχανές – Μηχανουργικές Κατεργασίες», Εκδόσεις ΖΗΤΗ Θεσσαλονίκη, Οκτώβριος 2002-Κασσάνδρα Χαλκιδικής, σελ. 3-24.

Μπουζάκης Κ.-Δ., Μιχαηλίδης Ν., Σκορδάρης Γ., Κομπογιάννης Σ., Χατζηγιάννης Σ., Ευσταθίου Κ., Erkens G., Rambadt S., Wirth I., Εκλογή βέλτιστης καμπυλότητας και μεθόδου μορφοποίησης της κοπτικής ακμής για την αύξηση της απόδοσης επικαλυμμένων PVD εργαλείων από σκληρομέταλλο κατά το περιφερικό φραιζάρισμα, Πρακτικά 6ου Συνεδρίου «Εργαλειομηχανές – Μηχανουργικές Κατεργασίες», Εκδόσεις ΖΗΤΗ Θεσσαλονίκη, Οκτώβριος 2002-Κασσάνδρα Χαλκιδικής, σελ. 219-228.

Μπουζάκης Κ.-Δ., Μιχαηλίδης Ν., Χατζηγιάννης Σ., Σκορδάρης Γ., Erkens G., Rambadt S., Wirth I., Επίδραση της τραχύτητας του δοκιμίου και της γεωμετρίας της αιχμής του εισβολέα στον ακριβή προσδιορισμό της καμπύλης τάσης-παραμόρφωσης λεπτών σκληρών επικαλύψεων μέσω νανοδιεισδύσεων, Πρακτικά 6ου Συνεδρίου «Εργαλειομηχανές – Μηχανουργικές Κατεργασίες», Εκδόσεις ΖΗΤΗ Θεσσαλονίκη, Οκτώβριος 2002-Κασσάνδρα Χαλκιδικής, σελ. 321-332.

Μπουζάκης Κ.-Δ., Μιχαηλίδης Ν., Χατζηγιάννης Σ., Σκορδάρης Γ., Παυλίδου Ε., Erkens G., Rambadt S., Wirth I., Επίδραση της μηχανικής προετοιμασίας των επιφανειών του υποστρώματος και της επικάλυψης στην απόδοση κοπής PVD επικαλυμμένων κοπτικών πλακιδίων, Πρακτικά 6ου Συνεδρίου «Εργαλειομηχανές – Μηχανουργικές Κατεργασίες», Εκδόσεις ΖΗΤΗ Θεσσαλονίκη, Οκτώβριος 2002-Κασσάνδρα Χαλκιδικής, σελ. 229-241.

Μπουζάκης Κ.-Δ., Σκορδάρης Γ., Ι. Μυρισίδης, Χατζηγιάννης Σ., Αναστόπουλος Ι., Μιχαηλίδης Ν., Erkens G., Cremer R., Προσδιορισμός των μεταβολών της εναπομένουσας τάσης στην επικάλυψη που παρουσιάζονται στην περίπτωση ανοπτημένων επικαλύψεων και βασίζονται σε συνεχή FEM προσομοίωση της νανοδιεισδύσης, Πρακτικά 6ου Συνεδρίου «Εργαλειομηχανές – Μηχανουργικές Κατεργασίες», Εκδόσεις ΖΗΤΗ Θεσσαλονίκη, Οκτώβριος 2002-Κασσάνδρα Χαλκιδικής, σελ. 333-341.

Μπουζάκης Κ.-Δ., Τσιάφης Ι., Λόντος Α., Μιχαηλίδης Ν., Αναστόπουλος Ι., Καλογήρου Μ., Μελέτη των μηχανικών ιδιοτήτων εποξειδικών συγκολλητικών ρητινών, μέσω του δοκιμαστηρίου του νανοσκληρομέτρου, και της προσομοίωσης με την βοήθεια της μεθόδου των πεπερασμένων στοιχείων (FEM), Πρακτικά 6ου Συνεδρίου «Εργαλειομηχανές – Μηχανουργικές Κατεργασίες», Θεσσαλονίκη, σελ. 521-528, 2002.

Μπουζάκης Κ.-Δ., Τσιάφης Ι., Λόντος Α., Μιχαηλίδης Ν., Αναστόπουλος Ι., Καλογήρου Μ., Προσδιορισμός της συμπεριφοράς των εποξειδικών ρητινών κατά την καταπόνηση τους με εφελκυστικά και διατμητικά φορτία και έλεγχος της συναφειακής τους αντοχής, Πρακτικά 6ου Συνεδρίου «Εργαλειομηχανές – Μηχανουργικές Κατεργασίες», Θεσσαλονίκη, σελ. 507–519, 2002.

Μπουζάκης Κ.-Δ., Τσιάφης Ι., Λόντος Α., Μιχαηλίδης Ν., Αναστόπουλος Ι., Μ. Καλογήρου, Μελέτη των μηχανικών ιδιοτήτων εποξικών συγκολλητικών ρητινών, μέσω του δοκιμαστηρίου του νανοσκληρόμετρου, και της προσομοίωσης με την βοήθεια της μεθόδου των πεπερασμένων στοιχείων (FEM), Πρακτικά 6ου Συνεδρίου «Εργαλειομηχανές – Μηχανουργικές Κατεργασίες», Εκδόσεις ΖΗΤΗ Θεσσαλονίκη, Οκτώβριος 2002-Κασσάνδρα Χαλκιδικής, σελ. 521-528.

Μπουζάκης Κ.-Δ., Τσιάφης Ι., Λόντος Α., Μιχαηλίδης Ν., Αναστόπουλος Ι., Μ. Καλογήρου, Προσδιορισμός της συμπεριφοράς των εποξικών ρητινών κατά την καταπόνηση με εφελκυστικά και διατμητικά φορτία και έλεγχος της συναφειακής τους αντοχής, Πρακτικά 6ου Συνεδρίου «Εργαλειομηχανές – Μηχανουργικές Κατεργασίες», Εκδόσεις ΖΗΤΗ Θεσσαλονίκη, Οκτώβριος 2002-Κασσάνδρα Χαλκιδικής, σελ. 507-519.

Μπουζάκης Κ.-Δ., Χατζηγιάννης Σ., Αναστόπουλος Ι., Σκορδάρης Γ., Ι. Μυρισίδης, Μιχαηλίδης Ν., Ευσταθίου Κ., Knotek O., Erkens G., Cremer R., Rambadt S., Wirth I., Επίδραση του πάχους επικάλυψης στις ιδιότητες αντοχής της και στην απόδοση κοπής PVD επικαλυμμένων εργαλείων κατά το φραιζάρισμα, Πρακτικά 6ου Συνεδρίου «Εργαλειομηχανές – Μηχανουργικές Κατεργασίες», Εκδόσεις ΖΗΤΗ Θεσσαλονίκη, Οκτώβριος 2002-Κασσάνδρα Χαλκιδικής, σελ. 243-254.

Παπαδόπουλος Α.Μ., Αυγελής Α. και Καραμάνος Α. (2002), Ενεργειακός σχεδιασμός σε περιφερειακό επίπεδο: εφαρμογή στην περιφέρεια της Κεντρικής Μακεδονίας, Πρακτικά του 7ου Εθνικού Συνεδρίου για τις Ήπιες Μορφές Ενέργειας, Πάτρα, Ινστιτούτο Ηλιακής Τεχνικής, Θεσσαλονίκη, 6-8 Νοεμβρίου, Τόμος Α, 81-88.

Παπαδόπουλος Α.Μ., Καραμάνος Α. και Οξυζίδης Σ. (2002), Διαστασιολόγηση συστημάτων Α.Π.Ε. σε αυτόνομα νησιωτικά συστήματα με εφαρμογή στο σύστημα Κάρπαθος-Κάσος, Πρακτικά του 7ου Εθνικού Συνεδρίου για τις Ήπιες Μορφές Ενέργειας, Πάτρα, Ινστιτούτο Ηλιακής Τεχνικής, Θεσσαλονίκη, 6-8 Νοεμβρίου, Τόμος Β, 289-296.

Παπακώστας Κ.Τ., 2002, Εκτίμηση της κατανάλωσης ενέργειας για θέρμανση σε κτίρια κατοικιών στην Αθήνα και τη Θεσσαλονίκη, Έβδομο Εθνικό Συνέδριο για τις Ήπιες Μορφές Ενέργειας, Ινστιτούτο Ηλιακής Τεχνικής, Εκδόσεις "Γιαχούδη", Θεσσαλονίκη, Α, 197-204

Παπακώστας Κ.Τ., 2002, Εκτίμηση της κατανάλωσης ενέργειας για ψύξη σε συστήματα κλιματισμού με αντλίες θερμότητας αέρα-αέρα ενός συμπιεστή, Έβδομο Εθνικό Συνέδριο για τις Ήπιες Μορφές Ενέργειας, Ινστιτούτο Ηλιακής Τεχνικής, Εκδόσεις "Γιαχούδη", Θεσσαλονίκη, Α, 205-213

Τσιλιγκιρίδης Γ., Δανιήλ Δ., Ψημένος Σ., Μπούκης Ι., Αλατάς Κ., 2002, : Προκαταρκτική αξιολόγηση συστημάτων ηλιακών συλλεκτών στη γαλακτοβιομηχανία ΜΕΒΓΑΛ. Πρακτικά 7ου Εθνικού Συνεδρίου για τις Ήπιες

Μορφές Ενέργειας, τομ.Α΄, σ. 475-484, Παν. Πατρών, ΙΗΤ, Πάτρα, Νοέμβριος 2002.

Τσιλιγκιρίδης Γ., Σαμαράς Ζ., Χαντζαρίδου Α., 2002, : Απογραφή και πρόβλεψη εκπομπών αερίων ρύπων στη Θεσσαλονίκη. Πρακτικά 1ου Περιβαλλοντικού Συνεδρίου Μακεδονίας, σ. 22-27, Ένωση Ελλήνων Χημικών, Θεσσαλονίκη, 1-4 Μαρτίου 2002.

Τσιλιγκιρίδης Γ., Σπαντιδάκης Γ., Χατζημυσιάδης Σ., 2002, : Μελέτη της θερμοκρασιακής συμπεριφοράς του εδάφους στο σταθμό μέτρησης του ΑΠΘ. Πρακτικά 7ου Εθνικού Συνεδρίου για τις Ήπιες Μορφές Ενέργειας, τομ.Β΄, σ. 115-124, Παν. Πατρών, ΙΗΤ, Πάτρα, Νοέμβριος 2002.

2003

Arvanitis A. and Moussiopoulos N., 2003, Coupling an aerosol module to a deterministic long term ozone exposure model, Proceedings of the 26th NATO/CCMS International Technical Meeting on Air Pollution Modelling and its Application, Eds. Borrego C. and Incecik S., ISTANBUL, Turkey, 26-30 May, 339-352.

Arvanitis A., Moussiopoulos N. and Karavakas Ch., 2003, Estimating long term urban exposure to particulate matter and ozone in Europe, Proceedings of the 4th International Conference on Urban Air Quality: Measurement, Modelling and Management, Eds. Sokhi R.S. and Brechler J., PRAGUE, Czech Republic, 25-27 March, 18-21.

Avgelis A. and Papadopoulos A. M. (2003), The effect of ventilation on the indoor environmental quality in a natural ventilated office building, a case study, Proceedings of the 8th CEST, Lemnos, 8-10 September 2003, CD-rom.

Bouzakis K.-D., Hadjiyiannis S., Skordaris G., Efstathiou K., Anastopoulos I., Mirisidis I., Michailidis N., Erkens G., Cremer R., Rambadt S., Wirth I.: The influence of coating mechanical properties at various film thicknesses on the milling performance of PVD cemented carbide coated inserts. International Conference on Metallurgical Coatings and Thin Films, April 28-May 2, S. Diego, USA, 2003, pp. 69.

Bouzakis K.-D., Hadjiyiannis S., Skordaris G., Efstathiou K., Anastopoulos I., Mirisidis I., Michailidis N., Erkens G., Cremer R., Rambadt S., I. Wirth, The Influence of Coating Mechanical Properties at Various Film Thicknesses on the Milling Performance of PVD Cemented Carbide Coated Inserts, 30th International Conference on Metallurgical Coatings and Thin Films (ICMCTF), April 28, 2003, San Diego, CA, USA.

Bouzakis K.-D., Kombogiannis S., Frederikos O., Anastopoulos I., Erkens G., Cremer R., Wirth I.: Cutting performance increasing in gear hobbing by means of using HSS hobs with effective PVD films coated. International Conference "Power Transmissions '03", 11-12 September, Bulgaria, Varna, 2003, pp. 41-46.

Bouzakis K.-D., Lontos A., Michailidis N. : Fatigue behaviour of rolling bearings, Impact tester. Proceedings of the International Workshop on Rolling Bearings, 2 December, Bratislava, Slovakia, 2003, pp. 45-54.

- Bouzakis K.-D., Lontos A., Michailidis N., Fatigue Behaviour of Rolling Bearings, Impact Tester, Proceedings of the International Workshop on Rolling Bearings, 2 December 2003, Bratislava, Slovakia, pp. 45-54.
- Bouzakis K.-D., Mirisidis I., Hadjiyiannis S., Skordaris G., Michailidis N., Erkens G., Cremer R., Supernitrides, a novel PVD hardcoatings generation for dry cutting applications, Proceedings of 9th International Workshop on Ecology and Economy in Manufacturing (ICEM), 18-21 October 2003, Miskolc Hungary.
- Bouzakis K.-D., Mirisidis J., Skordaris G., Hadjiyiannis S., Erkens G., Cremer R., Hamoudi T. : Supernitrides, a novel PVD hardcoatings generation for dry cutting applications. ICEM 2003 International Committee on Environment and Manufacturing, Lillafured, Hungary, 19-20 October, 2003.
- Bouzakis K.-D., Skordaris G., Hadjiyiannis S., Michailidis N., Erkens G., Cremer R. : Improved coating properties and optimized substrate data, essential conditions for high performance cutting tools. 8th International Tribology Conference, Belgrade, Serbia, 8-10 October, 2003, pp. 3-17.
- Bouzakis K.-D., Skordaris G., Mirisidis I., Hadjiyiannis S., Anastopoulos I., Michailidis N., Erkens G., Cremer R., Determination of Residual Stress Alterations in pvd Coatings and their Substrates Induced by Mechanical and Heat Treatments, Based on a FEM Supported Continuous Simulation of the Nanoindentation, 30th International Conference on Metallurgical Coatings and Thin Films (ICMCTF), April 28, 2003, San Diego, CA, USA.
- Bouzakis K.-D., Skordaris G., Mirisidis I., Hadjiyiannis S., Anastopoulos I., Michailidis N., Erkens G., Cremer R.: Determination of residual stress alterations in PVD coatings and their substrates induced by mechanical and heat treatments, based on a FEM supported continuous simulation of the nanoindentation. International Conference on Metallurgical Coatings and Thin Films, April 28-May 2, S. Diego, USA, 2003, pp. 48.
- Bouzakis K.-D., Skordaris G., S. Hadjiyiannis, Michailidis N., Erkens G., Cremer R.: Improved coating properties and optimized substrate data, essential conditions for high performance cutting tools, Proceedings of 8th International Tribology Conference, Belgrade, Serbia, October, 2003, (2003) pp. 3-17.
- Chrysochoou M., Bilitewski B., Moussiopoulos N. and Karagiannidis A., 2003, Comparison of leaching tests for the characterization of waste, Proceedings of the 8th International Conference on Environmental Science and Technology, CEST, Ed. Lekkas T.D., Myrina, LEMNOS island, Greece, 8-10 September, 112-119, CD-ROM edition.
- Dalaouti N. and P. Seferlis, "Design sensitivity of the dynamic behaviour of reactive absorption processes", Proceedings of the 4th Greek Chemical Engineering Conference, Patras, 2003.
- Dourala N., Giama E., Boura A. and Moussiopoulos N., 2003, The implementation of environmental management systems in Greece, Proceedings of the 4th International Exhibition and Conference on Environmental Technology, HELECO 03, Ed. Technical Chamber of Greece, ATHENS, Greece, 30 January-2 February, Vol. 2, 376-382.

- Dourala N., Papadopoulou D., Giama E. and Moussiopoulos N., 2003, Environmental accounting: a decision-making tool for companies, Proceedings of the 8th International Conference on Environmental Science and Technology, CEST, Ed. Lekkas T.D., Myrina, LEMNOS island, Greece, 8-10 September, 171-177, CD-ROM edition.
- Erkens G., Cremer R., Hamoudi T., Wenke R., Bouzakis K.-D. : Properties and performance of high aluminum containing (Ti, Al)N based supernitride coatings in innovative cutting applications. International Conference on Metallurgical Coatings and Thin Films, April 28-May 2, S. Diego, USA, 2003, pp. 39.
- Georgiadis P., Vlachos D., The Impact of Environmental Issues on Reverse Logistics Capacity Planning, Joint EURO/INFORMS Conference, Istanbul, 6-10.07.03.
- Giagopoulos D., Papalukopoulos, C., Salpistis C., and Natsiavas, S., 2003, "Parametric Identification of Systems with Piecewise Linear Characteristics," Fifth EUROMECH Solid Mechanics Conference, Thessaloniki, Greece, 2003.
- Giagopoulos, D., Papalukopoulos, C., Salpistis, C. and Natsiavas, S., "Parametric Identification of Systems with Piecewise Linear Characteristics," Fifth EUROMECH Solid Mechanics Conference, Thessaloniki, Greece, 2003.
- Giagopoulos D., Salpistis, C. Natsiavas, S., 2003, "Dynamics and Parametric Identification of Geared Rotordynamic Systems," IUTAM Symposium on Chaotic Dynamics and Control of Systems and Processes in Mechanics, Rome, Italy, 2003.
- Goudas, I., Metallidis, P., Stavrakis, I. and Natsiavas S., "Dynamics of Engine Mechanisms with Flexible Members and Bearings," Fifth EUROMECH Solid Mechanics Conference, Thessaloniki, Greece, 2003.
- Goudas, I., Stavrakis, I. and Natsiavas, S., "Nonlinear Dynamics of Single-Cylinder Flexible Reciprocating Engines," 19th Biennial ASME Conference on Mechanical Vibration and Noise, Chicago, Illinois, 2003.
- Haralampous O. A., Dardiotis C., Koltsakis G.C. and Samaras Z. C., Catalytic soot combustion in diesel particulate filters", Ανακοινώθηκε στο 3rd Meeting of the Greek Section of the Combustion Institute, Πάτρα, Νοέμβριος 2003.
- Haralampous O., G. Koltsakis and Z. Samaras "Partial Regenerations in Diesel Particulate Filters", Proceedings of the 2003 SAE Spring Fuels and Lubricants Meeting, SAE paper 2003-01-1881 (JSAE Paper 20030088) , Yokohama, Japan, May 2003.
- Iakovou E., Douligeris C., 2003, Government e-Procurement: A Methodological and Architectural Framework, e-DEMOCRACY: Information Society & Citizen's Rights, Athens, Greece, 25-26.10.03, 101-111.
- K. Karatzas, (2003), A fuzzy logic approach in Urban Air Quality Management and Information Systems (UAQMIS), Proceedings of the 4th International Conference on Urban Air Quality Measurement, Modelling and Management (R. Sokhi and J. Brexhler eds), Charles University, Prague, Czech Republic, 25-27 March 2003, pp. 274-276

K. Karatzas, A. Arvanitis, C. Fleck, I. Douros and N. Moussiopoulos (2003), Atmospheric flow and air quality modelling experiments for the Siberian city of Tomsk, Proceedings of the 4th International Conference on Urban Air Quality Measurement, Modelling and Management (R. Sokhi and J. Brexhler eds), Charles University, Prague, Czech Republic, 25-27 March 2003, pp. 66-69 (oral presentation)

K. Karatzas, A. Bassoukos, A. Kaprara, A. Masouras, Th. Slini, J. Papaioannou and N. Moussiopoulos (2003), Environmental Informatics and Urban Air Quality Management Systems, 5th International Symposium on Environmental Software Systems (ISESS 2003), May 25-27, Semmering, Austria, Environmental Software Systems Vol. 5, (Schimak G., Swayne D., Quinn N. and Denzer R., eds), 134-146, International Federation for Information Processing (ISBN: 3-901882-16-2).

Κ. Καρατζάς, Α. Μασούρας, Α. Καπράρα, Θ. Σλίνη, Α. Μπασούκος και Ν. Μουσιόπουλος (2003), APNEE: Ένα σύστημα παροχής υπηρεσιών περιβαλλοντικής πληροφόρησης, 4η Διεθνής Έκθεση και Συνέδριο για την Τεχνολογία Περιβάλλοντος (HELECO 2003), Τόμος Β, σελ. 390-395.

Karagiannidis A., Moussiopoulos N. and Xirogiannopoulou A., 2003, Preliminary results from an applicability study of variable rate pricing in solid waste management in Greece, Proceedings of the 4th International Exhibition and Conference on Environmental Technology - HELECO 03 (Technical Chamber of Greece, ed.), Athens, Greece, 30 January-2 February, Vol. 2, 43-52.

Karagiannidis A., Moussiopoulos N., Diamandopoulos G., Kaggelidis K. and Perkoulidis G., 2003, Simulation modelling software for integrated solid waste management at Regional level, Proceedings of the 8th International Conference on Environmental Science and Technology, CEST, Ed. Lekkas T.D., Myrina, LEMNOS island, Greece, 8-10 September, 346-352, CD-ROM edition.

Karagiannidis A., Papadopoulos A., Georgiou A. and Tsiotras G., 2003, Optimizing the collection and transport of urban solid wastes in a metropolitan municipality in Greece, Proceedings of the EURO XIX / INFORMS Joint International Meeting, Istanbul, Turkey, 6-10 July, Book of Abstracts (EURO, INFORMS, TORS and Bogazici University, eds), 89.

Karagiannidis A., Papadopoulos A., Moussiopoulos N., Perkoulidis G., Tsatsarelis T. and Michalopoulos A., 2003, Characteristics of wastes from electric and electronic equipment in Greece: results of a field survey, Proceedings of the 8th International Conference on Environmental Science and Technology - CEST (T.D. Lekkas, ed.), Myrina, Lemnos island, Greece, 8-10 September, Global Nest, 353-360.

Karagiannidis A., Papadopoulos A., Perkoulidis G., Tsatsarelis T. and Moussiopoulos N., 2003, Developing a virtual network for life cycle analysis of post-consumer electronics, Proceedings of the 4th International Exhibition and Conference on Environmental Technology - HELECO 03 (Technical Chamber of Greece, ed.), Athens, Greece, 30 January-2 February, Vol. 2, 284-291.

Karagiannidis A., Papadopoulos A.M., Moussiopoulos N., Perkoulidis G., Tsatsarelis Th. and Michalopoulos A. (2003), Management of electric and

electronic wastes in Greece: Present status and perspectives Proceedings of the 8th CEST, Lemnos, 8-10 September 2003, CD-rom.

Karagiannidis A., Xirogiannopoulou A. and Moussiopoulos N., 2003, Municipal charges in Greece as a tool for waste charging: a statistical analysis of possible correlations with the population and the number of households in municipalities, Proceedings of the 8th International Conference on Environmental Science and Technology - CEST (T.D. Lekkas, ed.), Myrina, Lemnos island, Greece, 8-10 September, Global Nest, 389-396.

Karagiannis G., Daniilia Sister, Salpistis Chr., Chryssoulakis Y., Sergiadis G., 2003, Simulation of the light backscatter from the paint layers of artworks using non-destructive UV/VIS/nIR spectroscopy and signal processing theory (A first approach), 3 rd International Conference on NDT 15 - 17 October 2003, Chania – Crete, Greece

Karatzas K., Arvanitis A., Fleck C., Douros I. and Moussiopoulos N., 2003, Atmospheric flow and air quality modelling experiments for the Siberian city of Tomsk, Proceedings of the 4th International Conference on Urban Air Quality: Measurement, Modelling and Management, Eds. Sokhi R.S. and Brechler J., PRAGUE, Czech Republic, 25-27 March, 66-69.

Karatzas K., Bassoukos A., Kaprara A., Massouras A., Slini Th., Papaioannou J. and Moussiopoulos N., 2003, Environmental informatics and urban air quality management and information systems, Proceedings of the 5th International Symposium on Environmental Software Systems, ISESS, Eds. Schimak G., Swayne D., Quinn N. and Denzer R., SEMMERING, Austria, 27-30 May, Vol. 5, 134-146.

Karatzas K., Fedra K., Moussiopoulos N., Lascaratos A., Perivoliotis L., Loizidou M. and Fatta D., 2003, Environmental management of a coastal urban area: the ECOSIM project, Proceedings of the 8th International Conference on Environmental Science and Technology, CEST, Ed. Lekkas T.D., Myrina, LEMNOS island, Greece, 8-10 September, 393-400, CD-ROM edition.

Karatzas K., Masouras A., Kaprara A., Slini Th., Bassoukos A. and Moussiopoulos N., 2003, APNEE: An environmental information services system, Proceedings of the 4th International Exhibition and Conference on Environmental Technology, HELECO 03, Ed. Technical Chamber of Greece, ATHENS, Greece, 30 January-2 February, Vol. 2, 390-395.

Karatzas, K. (2003) Environmental Informatics: Concepts and Definitions, Proceedings of "The Information Society and Enlargement of the European Union"-17th International Conference Informatics for Environmental Protection, A. Gnauck and R. Heinrich eds., Part 1: Concepts and Methods, pp. 146-151, ISBN 3-89518-440-3.

Koroneos C. and Moussiopoulos N., 2003, Adoption of life cycle analysis in SMES, Proceedings of the 4th International Exhibition and Conference on Environmental Technology, HELECO 03, Ed. Technical Chamber of Greece, ATHENS, Greece, 30 January-2 February, Vol. 2, 419-425.

Koroneos C., Dombros A., Dourala N. and Moussiopoulos N., 2003, IN-SUSTAIN: Optimising "production-use-consumption" interactions,

Proceedings of the 8th International Conference on Environmental Science and Technology, CEST, Ed. Lekkas T.D., Myrina, LEMNOS island, Greece, 8-10 September, 501-507, CD-ROM edition.

Koroneos C., Drosos G., Roumbas G. and Moussiopoulos N., 2003, Life cycle environmental impact assessment of a solar heater, Proceedings of the 8th International Conference on Environmental Science and Technology, CEST, Ed. Lekkas T.D., Myrina, LEMNOS island, Greece, 8-10 September, 508-514, CD-ROM edition.

Koroneos C., Michailidis M. and Moussiopoulos N., 2003, Multi objective optimization in energy systems: the case of Lesvos island, Proceedings of the 8th International Conference on Environmental Science and Technology, CEST, Ed. Lekkas T.D., Myrina, LEMNOS island, Greece, 8-10 September, 441-448, CD-ROM edition.

Koroneos C., Theodosiou G. and Moussiopoulos N., 2003, Classification and analysis of software support tools for environmentally friendly product, Proceedings of the 8th International Conference on Environmental Science and Technology, CEST, Ed. Lekkas T.D., Myrina, LEMNOS island, Greece, 8-10 September, 449-456, CD-ROM edition.

Louka P. and Moussiopoulos N., 2003, Optimisation of CFD modelling methods for traffic pollution in streets within TRAPOS research network, Proceedings of the 4th International Exhibition and Conference on Environmental Technology, HELECO 03, Ed. Technical Chamber of Greece, ATHENS, Greece, 30 January-2 February, Vol. 1, 69-77.

Mihailidis A., Salpistis C., Drivakos N., Panagiotidis K., 2003, Friction behavior of FVA reference mineral oils obtained by a newly designed two disk test rig. Proc. of the Int. Conf. on Power Transmissions, Varna, Bulgaria, pp. 32-37.

Moussiopoulos N., 2003, Recent advances in urban air pollution research, Proceedings of the 8th International Conference on Environmental Science and Technology, CEST, Ed. Lekkas T.D., Myrina, LEMNOS island, Greece, 8-10 September, 609-625, CD-ROM edition.

Moussiopoulos N., 2003, The contribution of SATURN to a better understanding of urban air pollution, Proceedings of the 4th International Conference on Urban Air Quality: Measurement, Modelling and Management, Eds. Sokhi R.S. and Brechler J., PRAGUE, Czech Republic, 25-27 March, 2-5.

Moussiopoulos N., Kalognomou E.-A., Arvanitis T. and Tourlou P.-M., 2003, A comprehensive tool for the prediction and management of air quality in Thessaloniki, Proceedings of the 8th International Conference on Environmental Science and Technology, CEST, Ed. Lekkas T.D., Myrina, LEMNOS island, Greece, 8-10 September, 626-633, CD-ROM edition.

Moussiopoulos N., Kalognomou E.-A., Balla Ch., Theodoridou I., Borrego C. and Costa A.M., 2003, The application of air quality models as part of a study for optimised urban transport in Thessaloniki, Proceedings of the 4th International Exhibition and Conference on Environmental Technology, HELECO 03, Ed. Technical Chamber of Greece, ATHENS, Greece, 30 January-2 February, Vol. 1, 78-85.

Moussiopoulos N., Karagiannidis A., Theodoseli M., Perkoulidis G., Chrysochoou M. and Salonikidou A., 2003, On the effects on urban air quality from open burning of residual solid wastes in uncontrolled landfills, Proceedings of the 4th International Conference on Urban Air Quality (R.S.Sokhi and J. Brechler, eds), Prague, Czech Republic, 25-27 March, Charles University, 178-181.

Moussiopoulos N., Karatzas K., Endregard G., Fedra K., Friedrich R., Johansen P.H., Kalognomou L., Karppinen A., Kraggerud P.H., Kukkonen J., Larssen S., De Leeuw F., Lohmeyer A., Naneris C., Nicklass D., Papaioannou G., Peinel G., Pulles T., Reis S., Rose T., Sedlmayr M. and van den Hout D., 2003, Environmental services and data brokerage portal: ENV-e-CITY in action, Proceedings of the 17th International Conference Informatics for Environmental Protection, Eds. Gnauck A. and Heinrich R., BONN, Germany, 24-26 September, 652-659.

Nitis T., Prtenjak M.T., Klaić Z.B., Sahm P. and Moussiopoulos N., 2003, Anatomy of the sea breeze in a complex coastal environment, Proceedings of the 4th International Conference on Urban Air Quality: Measurement, Modelling and Management, Eds. Sokhi R.S. and Brechler J., PRAGUE, Czech Republic, 25-27 March, 400-403.

Ntziachristos L., B. Giechaskiel, P. Pistikopoulos, E. Fysikas and Z. Samaras "Particle Emissions Characteristics of Different On-Road Vehicles", Proceedings of the 2003 SAE Spring Fuels and Lubricants Meeting, SAE paper 2003-01-1888 (JSAE Paper 20030087), Yokohama, Japan, May 2003.

Pampouri A., Tsipa M., Mavropoulos A., Tsipas D., 2003, Development and implementation of a pilot internal Evaluation procedure for postgraduate engineering courses, New Horizons in Industry and Education, Papadourakis G., Technological Educational Institute of Crete, Heraklion Crete, 167-172

Papadopoulos A. and Karagiannidis A., 2003, Application of the multicriteria analysis method Electre III for the optimisation of decentralised energy systems, Proceedings of the EURO XIX / INFORMS Joint International Meeting, Istanbul, Turkey, 6-10 July, Book of Abstracts (EURO, INFORMS, TORS and Bogazici University, eds), 121.

Papadopoulos A.M. and Moussiopoulos N., 2003, ATREUS: a holistic approach of the urban environment and its impact on the buildings' energy behaviour, Proceedings of the 4th International Conference on Urban Air Quality: Measurement, Modelling and Management, Eds. Sokhi R.S. and Brechler J., PRAGUE, Czech Republic, 25-27 March, 266-269.

Papadopoulos S., Moussiopoulos N., Vatseris C., Karagiannidis A. and Chrysochoou M., 2003, Development of an integrated tool for contaminated site remediation implementing biological and physicochemical treatment methods, Proceedings of the 8th International Conference on Environmental Science and Technology, CEST, Ed. Lekkas T.D., Myrina, LEMNOS island, Greece, 8-10 September, 690-697, CD-ROM edition.

Polyzos C., Skolianos S.M., Lefakis H., Tsipas D.N., 2003, In-Situ MMC Production through VxBy Intermetallics Formation in Al Matrix, Proceedings of the International Conference ADVANCED METALLIC MATERIALS 2003, eds.

Jerz J., Sebo P., Zemankova M., Smolenice Castle, Slovakia, November 5-7, 249-252.

Psoinos A., Vlachos D., Iakovou E., 2003, Vendor-Managed Inventory via the Web: When E-business meets Supply Chain Management, Stimulating Manufacturing Excellence in Small and Medium Enterprises, Proceedings of the Sixth SMESME International Conference, Athens, Greece, 1-3.06.03, 539-554.

Rijkeboer R., D.A. Bremmers, Z. Samaras and L. Ntziachristos "PM regulation for 2-Stroke two-wheelers: Necessity or haphazard legislation?", Proceedings of the 12th International Symposium Transport and Air Pollution, Avignon, France, 16-18 June 2003.

Sarakakis G., Vlachos D., Knowledge Management in Project Management, 16ο Εθνικό Συνέδριο Επιχειρησιακής Έρευνας, Λάρισα, 467-477, 25-27 Σεπτεμβρίου 2003.

Savaidis G., 2003, Vergleich zwischen Rechnung und Praxis im Nutzfahrzeugbau, Proceedings of Lebensdauerabschätzung und Betriebsfestigkeitsnachweis, DVM, Stuttgart.

Savaidis G., Savaidis A., Pitatzis N., Mihailidis A., 2003 ,Elastic-plastic stress-strain analysis of notched components under combined synchronous fatigue loading, Proceedings of International Conference Power Transmission '03, Varna.

Savaidis G., Schwaiger F., Momiyama F., Yamazumi T., Kuramatsu K., 2003, Reliability Design of Mono-Leaf Spring for Front-Axle Suspension of Large-Sized Trucks, Proceedings of 5th International Conference Low Cycle Fatigue, Eds. Portella P.D., Sehitoglu H., Hatanaka H., Berlin, 457-462.

Seferlis P., and N. F. Giannelos, "A Two-Layered Optimization-Based Control Strategy for Multi-Echelon Supply Chain Networks", in Computer Aided Process Engineering-13, A. Kraslawski and I. Turunen Eds, 509-514, 2003.

Seferlis P., and N. F. Giannelos, "Design of chemical processes with desired dynamic behaviour" Proceedings of the 4th Greek Chemical Engineering Conference, Patras, 2003.

Seferlis P., and N. F. Giannelos, "Optimal operation of multi-echelon supply chain networks" Proceedings of the 4th Greek Chemical Engineering Conference, Patras, 2003.

Slini T., Kaprara A., Karatzas K. and Moussiopoulos N., 2003, PM10 forecasting for Thessaloniki, Greece, Proceedings of the 4th International Conference on Urban Air Quality: Measurement, Modelling and Management, Eds. Sokhi R.S. and Brechler J., PRAGUE, Czech Republic, 25-27 March, 342-345.

Theodosiou, C., Aichouch, P., Natsiavas, S. and Papadimitriou, C., "Reliability-Based Optimal Design of Fluid Filled Tanks under Seismic Excitation," 19th Biennial ASME Conference on Mechanical Vibration and Noise, Chicago, Illinois, 2003.

Tsilingiridis G., Martinopoulos G., Ekhrwat M. Tsipas D., ,2003,: Influence of location on the environmental impact of a domestic solar thermosiphonic

system during its life cycle. Proc. '8th Int. Conference on Environmental Science and Technology', pp. 896-903, ISSN 1106-5516, Un. of Aegean - GlobalNEST, Lemnos, Greece, Sept. 8-10, 2003.

Vlachos D., Georgiadis P., Tagaras G., Long Term Analysis of Closed-loop Supply Chains with System Dynamics, Joint EURO/INFORMS Conference, Istanbul, 6-10.07.03.

Xirogiannopoulou A., Karagiannidis A. and Moussiopoulos N., 2003, A field survey of key-components for the applicability of Pay-As-You-Throw in waste management in the Municipality of Panorama, Proceedings of the EURO XIX / INFORMS Joint International Meeting, Eds. Euro, Informis, Tors and Bogazici University, ISTANBUL, Turkey, 6-10 July, 137.

Γεωργιάδης Π., Ξανθόπουλος Α., 2003, Σχεδίαση Δυναμικότητας στην Αντίστροφη Εφοδιαστική Αλυσίδα: Η Περίπτωση μιας Βιομηχανίας Χάρτου, Πρακτικά 16ου Εθνικού Συνεδρίου Ελληνικής Εταιρίας Επιχειρησιακών Ερευνών, Λάρισα, Β τόμος, 455-463.

Παπαδόπουλος Α.Μ., Αυγελής Α., Καραμάνος Α. και Οξυζίδης Σ. (2003), Μελέτη ενεργειακής συμπεριφοράς του ξενοδοχειακού τομέα: Εφαρμογή στην Πιερία, Πρακτικά της 4ης Διεθνούς Έκθεσης και Συνεδρίου για την Τεχνολογία Περιβάλλοντος Heleco, Αθήνα, 30 Ιανουαρίου - 2 Φεβρουαρίου, Vol. C, 89-96.

Παπαδόπουλος Α.Μ., Αυγελής Α., Καραμάνος Α. και Οξυζίδης Σ.. (2003), Λύσεις ανανεώσιμων πηγών ενέργειας για μικρά νησιωτικά συστήματα, Πρακτικά της 4ης Διεθνούς Έκθεσης και Συνεδρίου για την Τεχνολογία Περιβάλλοντος Heleco, Αθήνα, 30 Ιανουαρίου - 2 Φεβρουαρίου, Vol. C, 180-187.

2004

Bouzakis K. D., Michailidis N., Materials' hardness determination, by means of a fem supported simulation of nanoindentation, 9th International Conference on Plasma Surface Engineering (PSE), September 13-17, 2004, Garmisch-Partenkirchen, Germany.

Bouzakis K. D., Skordaris G., Michailidis N., Effect of micro-blasting and polishing of coated cutting insert substrates and surfaces on their milling performance, 9th International Conference on Plasma Surface Engineering (PSE), September 13-17, 2004, Garmisch-Partenkirchen, Germany.

Bouzakis K.-D., A. Asimakopoulos, S. Kombogiannis, Michailidis N., G. Malliaris, G. Giannopoulos, Pavlidou E., G. Erkens: Coatings' cohesion and adhesion assessment by means of the inclined impact test. "THE" Coatings conference, Erlangen, April 2004, pp. 351-364.

Bouzakis K.-D., Asimakopoulos A., Michailidis N., Kompogiannis S., Maliaris G., Giannopoulos G., Pavlidou E., Erkens G., Coatings' cohesion and adhesion assessment by means of the inclined impact test, Proceedings of 4th International Conference "THE" Coatings, Erlangen, April 5-7, 2004 pp. 351-364.

Bouzakis K.-D., Asimakopoulos A., Michailidis N., Kompogiannis S., Maliaris G., Giannopoulos G., Pavlidou E., Erkens G., Determination of the Fatigue Behavior of Coatings by Means of the Inclined Impact Test, 31st International Conference on Metallurgical Coatings and Thin Films (ICMCTF), April 19, 2004, San Diego, CA, USA.

Bouzakis K.-D., Asimakopoulos A., Kompogiannis S., Maliaris G., Giannopoulos G., Michailidis N., Skordaris G., Erkens G.: The inclined impact test, an efficient method to characterize coatings; cohesion and adhesion properties. International Conference on Metallurgical Coatings and Thin Films (ICMCTF), San Diego, California, USA, 2004, pp. 31.

Bouzakis K.-D., Friderikos O., Maliaris G., Lili N.E., Kombogiannis S., Korlos A.: Chip formation in gear hobbing, visualized by means of FEM supported simulation techniques. 4th CIRP International Seminar on "ICME", 30 June-2 July, Sorrento, Italy, pp. 399-401, 2004.

Bouzakis K.-D., G. Skordaris, S. Hadjiyiannis, Mirisidis I., Michailidis N.: The effect of annealing duration on PVD film mechanical strength properties and on the wear behaviour of coated cemented carbides inserts. "THE" Coatings conference, Erlangen, April 2004, pp. 179-190.

Bouzakis K.-D., G. Skordaris, S. Hadjiyiannis, Mirisidis I., N. Michailidis : PVD film mechanical strength properties and wear behaviour of coated tools after isothermal annealings. Proceedings of the 6th International Conference for MESOMECHANICS, Patra, May 2004, pp. 62-67.

Bouzakis K.-D., Hadjiyiannis S., Skordaris G., Mirisidis I., Efstathiou K., Erkens G., Wirth I.: Wear development on cemented carbides inserts, coated with variable film thickness in the cutting wedge region. International Conference on Metallurgical Coatings and Thin Films (ICMCTF), San Diego, California, USA, 2004, pp. 44.

Bouzakis K.-D., Hadjiyiannis S., Skordaris G., Mirisidis I., Michailidis N., Erkens G., The Effect of the Coating Thickness Distribution on the Tool Rake and Flank on the Cutting Performance in Milling, 31st International Conference on Metallurgical Coatings and Thin Films (ICMCTF), April 19, 2004, San Diego, CA, USA.

Bouzakis K.-D., Hadjiyiannis S., Skordaris G., Mirisidis I., Michailidis N., Erkens G., The influence of hardness distributions within PVD coatings on the cutting performance of coated tools with various film thickness, Proceedings of 4th International Conference "THE" Coatings, Erlangen, April 5-7, 2004 pp. 253-266.

Bouzakis K.-D., Hadjiyiannis S., Skordaris G., Mirisidis J., Michailidis N., Efstathiou K., Erkens G., Cremer R., Wirth I., Milling performance of cemented carbides inserts, coated with various thick and hard films, Proceedings of 6th MESOMECHANICS conference, Patra, 31 May – 4 June 2004, pp. 79-85.

Bouzakis K.-D., Lontos A., Dimosthenous G., Balntoukas A. : Stress strain laws determination of metallic materials through a FEM supported evaluation of macroindentations by spherical indenters. 2nd Hellenic Conference on Metallic Materials, 25-26 November, Athens, Greece, pp. 445-450, 2004.

Bouzakis K.-D., Maliaris G., Kompogiannis S., Koptsis D.: Impact test on coatings and other hard materials at elevated temperatures. 9th International Conference on Plasma Surface Engineering "PSE", Garmisch-Partenkirchen, Germany, September 13-17, 2004, pp. 289.

Bouzakis K.-D., Maliaris G., Michailidis N., Asimakopoulos A., Lili E., Sampris A., Kompogiannis S., Giannopoulos G.: Impact test, a complete process for the evaluation of the dynamic and adhesion strength of thin coatings. 2nd Hellenic Conference on Metallic Materials, 25-26 November, Athens, Greece, pp. 127-134, 2004.

Bouzakis K.-D., Maliaris G., Tsouknidas A.: Determination of flow stress at THIXO temperatures by means of a FEM – supported simulation of the wire cutting test of aluminium specimens. 4th CIRP International Seminar on "ICME", 30 June- 2 July, Sorrento, Italy, pp. 517-522, 2004.

Bouzakis K.-D., Michailidis N., A fast and accurate approach to determine materials' stress-strain curves based on nanoindentations and corresponding fem simulations, Proceedings of 6th MESOMECHANICS conference, Patra, 31 May – 4 June 2004, pp. 69-78.

Bouzakis K.-D., Michailidis N., A Fast Method Based on Nanoindentations and on Fem Supported Calculations to Determine Coating Elastoplastic Properties, 31st International Conference on Metallurgical Coatings and Thin Films (ICMCTF), April 19, 2004, San Diego, CA, USA.

Bouzakis K.-D., Michailidis N.: Coating elastic-plastic properties determined by means of nanoindentations and FEM-supported evaluation algorithms. International Conference on Metallurgical Coatings and Thin Films (ICMCTF), San Diego, California, USA, 2004, pp.23.

Bouzakis K.-D., Michailidis N.: Materials' hardness determination, by means of a FEM supported simulation of nanoindentation. 9th International Conference on Plasma Surface Engineering "PSE", Garmisch-Partenkirchen, Germany, September 13-17, 2004, pp. 187.

Bouzakis K.-D., Mirisidis I., G. Skordaris, S. Hadjiyiannis, N. Michailidis, G. Erkens : Cutting performance enhancement through the application of coated tools with improved geometrical and technological data. "THE" Coatings conference, Erlangen, April 2004, pp. 3-28.

Bouzakis K.-D., Mirisidis I., Hadjiyiannis S., Skordaris G., Michailidis N., Erkens G., Cutting performance enhancement through the application of coated tools with improved geometrical and technological data, Proceedings of 4th International Conference "THE" Coatings, Erlangen, April 5-7, 2004 pp. 3-28.

Bouzakis K.-D., Mitsi S., Michailidis N., Mirisidis I., Mesomeris G., Maliaris G., Korlos A., Kapetanios G., Antonarakos P., Anagnostidis K., Loading simulation of lumbar spine vertebrae during a compression test using the finite elements method and trabecular bone strength properties, determined by means of nanoindentations, 4th International Workshop on Musculoskeletal & Neuronal Interactions, May 28-31, 2004, Chalkidiki-Greece.

Bouzakis K.-D., Mitsi S., Michailidis N., Mirisidis I., Mesomeris G., Maliaris G., Korlos A., Kapetanios G., Antonarakos P., Anagnostidis K.: Loading simulation of lumbar spine vertebrae during a compression test using the finite elements method and trabecular bone strength properties, determined by means of nanoindentations. 4th International Workshop on Musculoskeletal & Neuronal Interactions, May 28-31, Chalkidiki-Greece, 2004.

Bouzakis K.-D., N. Michailidis : A fast and accurate approach to determine materials' stress-strain curves based on nanoindentations and corresponding FEM simulations. Proceedings of the 6th International Conference for MESOMECHANICS, Patra, May 2004, pp. 69-78.

Bouzakis K.-D., S. Hadjiyiannis, G. Skordaris, J. Mirisidis, N. Michailidis: Milling performance of cemented carbides inserts, coated with various thick and hard films. Proceedings of the 6th International Conference for MESOMECHANICS, Patra, May 2004, pp. 79-85.

Bouzakis K.-D., S. Hadjiyiannis, G. Skordaris, Mirisides I., N. Michailidis, G. Erkens: The influence of hardness distributions within PVD coatings on the cutting performance of coated tools with various film thickness. "THE" Coatings conference, Erlangen, April 2004, pp. 253-266.

Bouzakis K.-D., Skordaris G., Hadjiyiannis S., Michailidis N., Mirisidis I., Erkens G., Cremer R. : Improved coating properties and optimized substrate data, essential conditions for high performance cutting tools. Keynote paper in International Conference on Metallurgical Coatings and Thin Films (ICMCTF), San Diego, California, USA, 2004, pp. 31.

Bouzakis K.-D., Skordaris G., Hadjiyiannis S., Mirisidis I., Michailidis N., The effect of annealing duration on PVD film mechanical strength properties and the wear behaviour of coated cemented carbide inserts, Proceedings of 4th International Conference "THE" Coatings, Erlangen, April 5-7, 2004 pp. 179-189.

Bouzakis K.-D., Skordaris G., Hadjiyiannis S., Mirisidis I., Michailidis N.: PVD film mechanical strength properties and wear behaviour of coated tools after isothermal annealings, Proceedings of 6th MESOMECHANICS conference, Patra, 31 May – 4 June 2004, pp. 62-68.

Bouzakis K.-D., Skordaris G., Michailidis N.: Effect of micro-blasting and polishing of coated cutting insert substrates and surfaces on their milling performance. 9th International Conference on Plasma Surface Engineering "PSE", Garmisch-Partenkirchen, Germany, September 13-17, pp. 454, 2004.

Bouzakis K.-D., Skordaris G., Mirisidis I., Hadjiyiannis S., Michailidis N.: Mechanical properties distribution of PVD coatings versus their thickness after their deposition or annealing and effect on the wear behavior of coated cutting inserts. 2nd Hellenic Conference on Metallic Materials, 25-26 November, Athens, Greece, pp. 79-86, 2004.

Bouzakis K.-D., Skordaris G., S. Hadjiyiannis, Michailidis N., Mirisidis I., Erkens G., Cremer R.: Improved Coating Properties and Optimized Substrate Data, Essential Conditions for High Performance Cutting Tools, Keynote paper, 31st International Conference on Metallurgical Coatings and Thin Films (ICMCTF), April 19, 2004, San Diego, CA, USA.

Dalaouti N., and P. Seferlis, "A Unified Modelling Approach for the Design of Complex Separation Processes", 2004 AIChE Annual Meeting Conference Proceedings, 5575-5589, 2004.

Georgiou A., Tsiotras G., Papadopoulos A.M., Karagiannidis A. and Rakimbei P. (2004), Planning of interventions for the optimization of urban solid waste collection at municipal level, Protection and Restoration of the Environment VII, Myconos, 28 June-1 July 2004.

Giagopoulos D., Salpistis C., Natsiavas, S., 2004, "Effect of Nonlinearities in the Identification and Fault Detection of Geared Systems," Tenth Conference on Nonlinear Vibrations, Stability and Dynamics of Structures, Blacksburg, Virginia, 2004.

Giagopoulos D., Salpistis C., Natsiavas, S., 2004, "Parametric Identification and Fault Detection in Geared Rotordynamic Systems," International Conference on Acoustical and Vibratory Surveillance Methods and Diagnostic Techniques, Paris, France, 2004.

Giagopoulos, D., Papalukopoulos, C. and Natsiavas, S., "Comparison of Component Mode Synthesis and FRF-based Substructuring in Large Scale Models," International Conference on Noise and Vibration Engineering, K.U. Leuven, Belgium, 2004.

Giagopoulos, D., Salpistis, C. and Natsiavas, S., "Effect of Nonlinearities in the Identification and Fault Detection of Geared Systems," Tenth Conference on Nonlinear Vibrations, Stability and Dynamics of Structures, Blacksburg, Virginia, 2004.

Goudas, I., Metallidis, P., Stavrakis, I. and Natsiavas, S., "Periodic Response and Stability of Reciprocating Engines," 3rd International Symposium on Multi-body Dynamics, Loughborough, England, 2004.

Goudas, I., Stavrakis, I. and Natsiavas, S., "Dynamics of Reciprocating Engines with Flexible Supports and Non-Ideal Forcing," 3rd National Congress on Computational Mechanics, Chania, Greece, 2004.

Haralampous O. A., G. C. Koltsakis, Z. C. Samaras, C.-D. Vogt, E. Ohara, Y. Watanabe, T. Mizutani "Modeling and experimental study of uncontrolled

regenerations in SiC filters with Fuel Borne Catalyst”, Proceedings of the 2004 SAE International Congress, SAE paper 2004-01-0697, Detroit Michigan, 2004.

Haralampous O. A., G. C. Koltsakis, Z. C. Samaras, C.-D. Vogt, E. Ohara, Y. Watanabe, T. Mizutani “Reaction and diffusion phenomena in catalyzed diesel particulate filters”, Proceedings of the 2004 SAE International Congress, SAE paper 2004-01-0696, Detroit Michigan, 2004.

Haralampous O. A., Koltsakis G.C., Samaras Z. C., Vogt C.D., Ohara E., Watanabe Y., Mizutani T., Modeling and experimental study of uncontrolled regenerations in SiC filters with Fuel Borne catalyst, Ανακοίνωση στο Συνέδριο SAE International Congress, Detroit, USA, Μάρτιος 2004.

Haralampous O., C. Dardiotis, G. Koltsakis, Z. Samaras “Study of Catalytic Regeneration Mechanisms in Diesel Particulate Filters using Coupled Reaction-Diffusion Modeling”, Proceedings of the 2004 SAE Fuels & Lubricants Meeting, SAE paper 2004-01-1941, Toulouse, France, 2004.

Iakovou E. and Vlachos D., 2004, Risk Management in Supply Chains: Organizational and Technological State-of-the-Art Solutions, 8th Greek National Conference on Logistics 2004, Athens, 26-27.11.04.

K. Stoupa, Vakali A., F. Li, Andreadis G., 2004, Web-based delegation using XML, IEEE International Conference on Systems, Man, and Cybernetics, Hague, Netherlands, 5189-5194

Karagiannidis A., Samaras P., Theodoseli M. and Tsatsarelis T., 2004, Mapping of open dumps in the Prefecture of Thessaloniki, Workshop on Technologies of solid waste management (Panhellenic Association of Chemical Engineers, ed.), Athens, Greece, 14 October, CD-ROM edition.

Karagiannidis A., Theodoseli M., Rakimbei P., Tsatsarelis T., Chrysochoou M. and Moussiopoulos N., 2004, Locational characteristics of wild landfills in the Prefecture of Thessaloniki, Greece, Proceedings of the CORS / INFORMS, Joint International Meeting, Banff, Canada, 16-19 May, Book of Abstracts (E. Erkut, ed.), 105.

Karagiannidis A., Xirogiannopoulou A., Chrysochoou M., Perkoulidis G. and Moussiopoulos N., 2004, Modelling the citizens annoyance and convenience from urban solid waste collection bins, Proceedings of the 7th Protection and Restoration of the Environment (C. Moutzouris et al., eds), Myconos, Greece, 28 June - 1 July, CD-ROM edition.

Karagiannidis A., Erkut E., Pardali S., Perkoulidis G. and Tjandra S., 2004, A multicriteria facility location model for municipal solid waste, Proceedings of the EURO XX, Rhodes, Greece, 4-7 July, Book of Abstracts (I. Siskos, ed.), 49.

Karagiannidis A., Pardali S., Perkoulidis G. and Papadopoulos A., 2004, Optimizing the routing of collection trucks for urban solid wastes in a Greek

Municipality, CORS / INFORMS Joint International Meeting, Banff, Canada, 16-19 May, Book of Abstracts (E. Erkut, ed.), 20.

Karagiannis G., Drosou A., Salpistis Chr., Daniilia Sister, Chryssoulakis Y., Sergiadis G., 2004, NON-DESTRUCTIVE STRATIGRAPHY DETERMINATION OF ARTWORKS USING system MODELING, IEEE 1st International Conference on Information & Communication Technologies: From Theory to Applications - ICTTA'04 - April 19 - 23, 2004 Damascus , Syria .

Karamanos A.K., Papadopoulos A.M. and Anastaselos D. (2004), Heat transfer phenomena in fibrous insulating materials, 2004 IASME / WSEAS International Conference on "HEAT AND MASS TRANSFER", Corfu 17 - 19 August, CD-rom

Karatzas K. and Masouras A (2004) Using FLOSS towards Building Environmental Information Systems. Pahl-Wostl, C., Schmidt, S., Rizzoli, A.E. and Jakeman, A.J. (eds), Complexity and Integrated Resources Management, Transactions of the 2nd Biennial Meeting of the International Environmental Modelling and Software Society, iEMSs: Manno, Switzerland, 2004. ISBN 88-900787-1-5, Vol. 2., pp. 525-530

Karatzas, K. (2004) Environmental Informatics for supporting the enlargement of the European Union, Proceedings of "the 18th International Conference Informatics for Environmental Protection", Vol 2, pp. 367-369, ISBN 28 29 30 275-3.

Kinias I., Vlachos D., Project Management Software Systems: The Case of Greek Construction Industry, 3rd Scientific Conference on Project Management - Clustering in Construction Project Management, 377-388, Thessaloniki, 24-25 September 2004 (πρακτικά σε ηλεκτρονική μορφή).

Mansour G., Bouzakis K.-D., Mitsi S., Sagris D.: Geometric design optimization of spatial RR robot manipulator using a hybrid algorithm. The 9th International Conference on Mechanisms and Mechanical Transmissions "MTM", Cluj-Napoca, Romania, 47, Vol. 1, 2004, pp. 717-722.

Metallidis, P., Goudas, I., Stavrakis, I. and Natsiavas, S., "On Periodic Response and Stability of Multi-body Systems," Tenth Conference on Nonlinear Vibrations, Stability and Dynamics of Structures, Blacksburg, Virginia, 2004.

Metallidis, P., Verros, G., Natsiavas, S. and Papadimitriou, C., "Parametric Identification and Fault Detection in Vehicle Suspensions," 2nd European Workshop on Structural Health Monitoring, Munich, Germany, 2004.

Mitsi S., Bouzakis K.-D., Mansour G., Sagris D.: 5-DOF Robot base location optimization using a hybrid algorithm. Proceedings of 7th International Conference on Mechatronics and Precision Engineering "COMEFIM' 7", Bucharest, Romania, 2004, pp. 76-81.

Mitsi S., Bouzakis K.-D., Mansour G.: Position analysis in polynomial form of assur groups of class 3 and order 3 including 2 or 3 prismatic joints. The 9th International Conference on Mechanisms and Mechanical Transmissions "MTM", Cluj-Napoca, Romania, 47, Vol. 1, 2004, pp. 121-128.

Mitsi S., Bouzakis K.-D., Sagris D., Mansour G., Optimization of Robot Base Location Using a Hybrid Genetic Algorithm, 4th CIRP International Seminar on Intelligent Computation in Manufacturing Engineering, CIRP ICME 04, Sorrento, Italy, 2004

Mitsi S., Bouzakis K.-D., Sagris D., Mansour G.: Optimization of robot base location using a hybrid genetic algorithm. 4th CIRP International Seminar on "ICME", 30 June 2 July, Sorrento, Italy, pp. 139-144, 2004.

Moussiopoulos N. and Douros I., 2004, Application and development of the OFIS model within the framework of CITYDELTA, Proceedings of the 9th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, Eds. Jacobi S. and Olesen H., GARMISCH-PARTENKIRCHEN, Germany, 1-4 June, 115-119.

Moussiopoulos N., Douros I., Fragkou M., Naneris C. and Vlachocostas Ch., 2004, What emission reductions are needed in Athens for attaining the EU air quality legislation?, Proceedings of the 7th Protection and Restoration of the Environment VII, Eds. Moutzouris C. et al., MYKONOS, Greece, 28 June-1 July, CD-ROM edition.

Moussiopoulos N., Ossanlis I. and Barmpas Ph., 2004, A study of Heat Transfer effects on Air Pollutants Dispersion in street canyons by numerical simulations, 9th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, Garmisch-Partenkirchen, Germany, 1-4 June, 119-123.

Ntziachristos L. and Z. Samaras "Vehicle and fuel effects on exhaust particle properties from diesel passenger cars", Proceedings of the 13th International Symposium "Transport and Air Pollution", September 13-15, 2004 - Boulder, Colorado USA.

Ntziachristos L., A. Mamakos, M. Kalogirou and Z. Samaras "Vehicle Exhaust Particle Measurements with the Dekati Mass Monitor (DMM-230)", Proceedings of the European Aerosol Conference (EAC 2004), September 6 – 10, 2004, Budapest, Hungary.

Ntziachristos L., A. Mamakos, Z. Samaras, U. Mathis, M. Mohr, N. Thompson, R. Stradling, L. Forti, C. DeServes "Overview of the European "Particulates" Project on the Characterization of Exhaust Particulate Emissions from Road Vehicles: Results for Light-Duty Vehicles", Proceedings of the 2004 SAE Fuels & Lubricants Meeting, SAE paper 2004-01-1985, Toulouse, France, 2004.

Ntziachristos L., B. Giechaskiel, P. Pistikopoulos, Z. Samaras, U. Mathis, M. Mohr, J. Ristimäki, J. Keskinen, P. Mikkanen, R. Casati, V. Scheer and Rainer

Vogt "Performance Evaluation of a Novel Sampling and Measurement System for Exhaust Particle Characterization", Proceedings of the 2004 SAE International Congress, SAE paper 2004-01-1439, Detroit Michigan, 2004.

Ossanlis I., Barmpas Ph. and Moussiopoulos N., 2004, The effect of a street canyon length on the street scale flow field and air quality: a numerical study, Proceedings of the ITM 27th NATO/CCMS International Technical Meeting on Air Pollution Modelling and its Application, Eds. Norman A.L. and Borrego C., Banff, ALBERTA, Canada, 25-29 October, 353-360.

Pantermalis D., Bouzakis K.-D., Efstathiou K., Michailidis N., Varitis E., Untersuchung und replizierung formkomplexer metallischen archaeologischer Objecte mit Hilfe von verarbeitenden Daten, durch 3D-Computertomographie ermittelt, Anwendungen der 3D- Computertomographie in Archaeologie, Restaurierung und Kunstgeschichte, 6 December 2004, Aalen Germany.

Papadopoulos A. M, Papageorgiou K.P., Partsalidou B., Zapounidis K., (2004), Promoting renewable energy sources on a regional level by educating and supporting local actors, Proceedings of the RES and RUE for Islands-Sustainable Energy Solutions, Larnaca, 30 - 31 August, Cyprus, CD-rom

Papadopoulos A. M, Stylianou A., Oxizidis S. and Camilleri G. (2004), Reducing air-conditioning demand in urban buildings and its impact in not interconnected electrical systems, Proceedings of the RES and RUE for Islands -Sustainable Energy Solutions, Larnaca, 30 - 31 August, Cyprus, CD-rom

Papadopoulos A., Georgiadis P., Vlachokostas C. and Karagiannidis A., 2004, Liberalization of the Greek electricity system: A system dynamics approach, CORS / INFORMS Joint International Meeting, Banff, Canada, 16-19 May, Book of Abstracts (E. Erkut, ed.), 57.

Papadopoulos D.P., Konstantinidis I.Ch., Papanastasiou N., Skolianos S.M., Lefakis H., Tsipas D.N., 2004, Mechanical Properties of Al Metal Foams", Proceedings of the 6th MESOMECHANICS 2004 INTERNATIONAL CONFERENCE ON MULTISCALING IN APPLIED SCIENCE AND EMERGING TECHNOLOGIES, Patras, May 31-June 4, 328-334.

Papalukopoulos, C., Giagopoulos, D. and Natsiavas, S., "Comparison of Substructuring Methodologies in Large Scale Mechanical Models," MSC.Software Users Conference, Athens, Greece, 2004.

Papalukopoulos, C., Verros, G., Giagopoulos, D. and Natsiavas, S., "A Critical Comparison of Nastran Substructuring Methods in Large Scale Models," 2004 Virtual Product Development Conference, Munchen, Germany, 2004.

Sagris D., Mitsi S., Bouzakis K.-D., Mansour G., 5-DOF Robot Base Location Optimization Using a Hybrid Algorithm, 7th International Conference on Mechatronics and Precision Engineering, pp., 103-104, Bucharest, 2004.

Sanida G., Kallergis K., Karagiannidis A., Rakimbei P. and Xirogiannopoulou A., 2004, Infectious hospital waste management at the 2nd Regional Health and Welfare Authority of Central Macedonia, Proceedings of the 7th Protection and Restoration of the Environment (C. Moutzouris et al., eds), Myconos, Greece, 28 June - 1 July, CD-ROM edition.

Sanida G., Mavidou F., Vartzopoulos D., Karagiannidis A. and Moussiopoulos N., 2004, Intra-hospital draft regulation for hazardous medical waste management, Proceedings of the Towards the 'smart' hospital, The IHF Inter-regional Conference, Book of Abstracts, P.G. Svensson et al., Thessaloniki, Greece, 4-7 November, Book of Abstracts (P.G. Svensson, A. Manthos and A. Kotsiopoulos, eds), 82.

Savaidis G., 2004, Betriebsfestigkeitsberechnung einer Fahrerhauskonsole nach dem Örtlichen Konzept, Proceedings of Werkstoffmechanik-Seminar, Sensbachtal.

Seferlis P., and L. Pechlivanos, "Optimal Inventory and Pricing Policies for Supply Chain Networks", in Computer Aided Process Engineering-14, A. Barbosa-Povoa and H. Matos Eds, 1003-1008, 2004.

Seferlis P., and L. Pechlivanos, "Integrated Inventory and Pricing Policies for Supply Chain Networks", 2004 AIChE Annual Meeting Conference Proceedings, 7599-7610, 2004.

Skolianos S. M., Kattamis T. Z., 2004, Strength, Adherence and Tribological Properties of Ion-Implanted Hard TiN Coatings on AISI 4340 Low Alloy Steel, Proceedings of the 4th INTERNATIONAL CONFERENCE THE COATINGS IN MANUFACTURING ENGINEERING, eds., Bouzakis K.-D., Denkena B., Geiger M., Toenshoff H.-K., Bach Fr.-W., Popp U., Erlangen-Germany, April 5-7, 489-496.

T. Nypan, S.E. Haagenrud, G. Krigsvoll and K. Karatzas (2004) A System for Sustainable Maintenance Management and a web-based virtual working space for the Built Cultural Heritage in Europe, Proceedings of the Innovative Technologies for the Protection of Cultural Heritage European Conference, December 16 – 17, 2003, Athens, Greece, υπό εκτύπωση.

Thompson N., L. Ntziachristos, Z. Samaras, P. Aako, U. Wass, S. Hausberger, Th. Sams "Overview of the European "Particulates" Project on the Characterization of Exhaust Particulate Emissions from Road Vehicles: Results for Heavy-Duty Vehicles", Proceedings of the 2004 SAE Fuels & Lubricants Meeting, SAE paper 2004-01-1986, Toulouse, France, 2004.

Tombrou M., Bossioli E., Protonotariou A., Flocas H., Dandou A., Tsilingiridis G., Giannakopoulos G., Sellas N., Vassiliou V., Korizi A. and Tsialas Th., 2004, Model calculations of ozone on the eastern Mediterranean region. Proc. 'Quadrennial Ozone Symposium', Kos, Greece, Jun. 1-8, 2004.

Tsiafis I., Bouzakis K.-D., Michailidis N., Lontos A., Anastopoulos I., Studies of mechanical properties of epoxy resin, in various environmental conditions and

FEM simulation. The 9th International Conference on Mechanisms and Mechanical Transmissions "MTM", Cluj-Napoca, Romania, 47, Vol. 1, pp. 507-512, 2004.

Tsiafis I., Bouzakis K.-D., Michailidis N., Lontos A., Anastopoulos I.: Studies of mechanical properties of epoxy resin, in various environmental conditions and FEM simulation. The 9th International Conference on Mechanisms and Mechanical Transmissions "MTM", Cluj-Napoca, Romania, 47, Vol. 1, 2004, pp. 507-512.

Tsiafis I., Bouzakis K.-D., Petridou C., Sampsonidis D., Design and construction of the BIS8 MDT chambers for the ATLAS Muon spectrometer. Proceedings of 7th International Conference on Mechatronics and Precision Engineering "COMEFIM' 7", Bucharest, Romania, pp. 88-92, 2004.

Tsiafis I., Bouzakis K.-D., Petridou C., Sampsonidis D.: Design and construction of the BIS8 MDT chambers for the ATLAS Muon spectrometer. Proceedings of 7th International Conference on Mechatronics and Precision Engineering "COMEFIM' 7", Bucharest, Romania, 2004, pp. 88-92.

Tsiafis I., Bouzakis K.-D., Sampsonidis D., Petridou C., High mechanical accuracy assembly of precision particle detectors for the atlas muon spectrometer. The 9th International Conference on Mechanisms and Mechanical Transmissions "MTM", Cluj-Napoca, Romania, 47, Vol. 1, pp. 813-818, 2004.

Tsiafis I., Bouzakis K.-D., Sampsonidis D., Petridou C.: High mechanical accuracy assembly of precision particle detectors for the atlas muon spectrometer. The 9th International Conference on Mechanisms and Mechanical Transmissions "MTM", Cluj-Napoca, Romania, 47, Vol. 1, 2004, pp. 813-818.

Tsiotras G., Georgiou A., Papadopoulos A., Karagiannidis A. and Rakimbei P., 2004, Planning of interventions for the optimization of urban solid waste collection at municipal level, Proceedings of the 7th Protection and Restoration of the Environment (C. Moutzouris et al., eds), Myconos, Greece, 28 June - 1 July, CD-ROM edition.

Verros, G., Kazantzis, M., Natsiavas, S. and Papadimitriou, C., "Multi-Objective Optimization of Quarter Car Models with Passive and Semi-Active Suspensions," 3rd International Symposium on Multi-body Dynamics, Loughborough, England, 2004.

Verros, G., Natsiavas, S. and Papadimitriou, C., "Optimization of Quarter Car Models with Passive and Semi-Active Suspensions under Random Road Excitation," 3rd National Congress on Computational Mechanics, Chania, Greece, 2004.

Vlachokostas Ch. and Moussiopoulos N., 2004, The multi-pollutant cost-effectiveness emission reduction problem, Proceedings of the 7th Protection

and Restoration of the Environment VII, Eds. Moutzouris C. et al., MYKONOS, Greece, 28 June-1 July, CD-ROM edition.

Ιακώβου Ε., Βλάχος Δ., Διαχείριση Κινδύνου στις Εφοδιαστικές Αλυσίδες: Οργανωτικές και Τεχνολογικές Λύσεις Αιχμής, 8ο Πανελλήνιο Συνέδριο Logistics 2004, Αθήνα 26-27 Νοεμβρίου 2004 (πρακτικά σε ηλεκτρονική μορφή).

Μπουζάκης Κ. -Δ., Σκορδάρης Γ., Ι. Μυρισίδης, Χατζηγιάννης Σ., Μιχαηλίδης Ν., Κατανομή των μηχανικών ιδιοτήτων στη διεύθυνση του πάχους ρηδ επικαλύψεων μετά την εναπόθεση ή την ανόπτηση και η επίδραση τους στη συμπεριφορά φθοράς επικαλυμμένων κοπτικών εργαλείων, 2ο Πανελλήνιο Συνέδριο Μεταλλικών Υλικών, Αθήνα, 25-26 Νοεμβρίου 2004, 79-86.

Μπουζάκης Κ.-Δ., Μάλιαρης Γ., Μιχαηλίδης Ν., Ασημακόπουλος Α., Λίλη Ε., Α. Σάμπρης, Κομπογιάννης Σ., Γ. Γιαννόπουλος, Δοκιμασία κρούσης, μια ολοκληρωμένη διαδικασία αξιολόγησης της δυναμικής αντοχής και συνάφειας λεπτών επικαλύψεων, 2ο Πανελλήνιο Συνέδριο Μεταλλικών Υλικών, Αθήνα, 25-26 Νοεμβρίου 2004, 127-134.

Tsiafis I., Bouzakis K.-D., Michailidis N., Lontos A., Anastopoulos I., Studies of mechanical properties of epoxy resin, in various environmental conditions and FEM simulation, Proceedings of 9th International Conference of Mechanisms and Mechanical Transmissions MTM 2004, ACTA Tecnica Napocensis, series: Applied Mathematics and Mechanics 47, vol I, 2004, pp 507-512.

Τσιάφης Ι., Μπουζάκης Κ.-Δ., Παπαχαστάς Δ., Προσδιορισμός των Ταλαντώσεων σε Βιομηχανικό Περιβάλλον και η Επίδρασή τους στους Εργαζομένους» 1ο Πανελλήνιο Συνέδριο για την Τυποποίηση, τα Πρότυπα και την ποιότητα Θεσσαλονίκη 12-13 Νοεμβρίου, σελ 301-311, 2004.

Τσιάφης Ι., Μπουζάκης Κ.-Δ., Πετρίδου Χ., Σαμψωνίδης Δ., Υψηλής Ακρίβειας Συναρμολόγηση και Μετρήσεις Θαλάμων Ανίχνευσης Μιονίων, του Φασματόμετρου του Πειράματος ATLAS στο Ευρωπαϊκό Κέντρο Πυρηνικών Ερευνών (CERN), 1ο Πανελλήνιο Συνέδριο για την Τυποποίηση, τα Πρότυπα και την ποιότητα Θεσσαλονίκη 12-13 Νοεμβρίου 2004 σελ 396-409, 2004.

2005

Achillias D.S. and Karagiannidis A., 2005, Plastic waste management in Greece: Trends and needs, Proceedings of the 13th International Symposium of MESAEP on Environmental Pollution and its Impact on Life in the Mediterranean Region, Thessaloniki, Greece, 8-12 October, Book of Abstracts (K. Nikolaou, ed.), Schema & Chroma, ISBN: 960-88839-0-3, 179, poster presentation.

Arvanitis A., Douros I. and Moussiopoulos N., 2005, Modelling of aerosol composition using the MARS-MUSE dispersion model, Proceedings of the ACCENT Symposium - The changing chemical climate of the atmosphere, Eds. Fuzzi S. and Maione M., URBINO, Italy, 12-16 September, CD-ROM edition.

Avgelis A., Oxizidis S., Stylianou A., Papadopoulos A.M (2005)., ENERGY CONSUMPTION AND INDOOR QUALITY RELATIONSHIP IN A NATURALLY VENTILATED BUILDING, Proceedings of the Urbain Air Qulaity Conference, Valencia, 29-31 March, Spain

Barmpas Ph., Leiti B., Moussiopoulos N. and Schatzmann M., 2005, Laser light sheet visualisation experiments of flow and dispersion in and around the PICADA field site in a boundary layer wind tunnel, Proceedings of the 13th International Environmental Conference, MESAEP, Ed. Nikolaou K., THESSALONIKI, Greece, 8-12 October, 50.

Barmpas Ph., Leiti B., Moussiopoulos N. and Schatzmann M., 2005, Physical modelling of flow and dispersion in and around an idealised street canyon-replicating the PICADA field experiment in a boundary layer wind, Proceedings of the 5th International Conference on Urban Air Quality, Eds. Sokhi R., Milan M. and Moussiopoulos N., VALENCIA, Spain, 29-31 March, 72.

Barmpas Ph., Moussiopoulos N. and Schatzmann M., 2005, Comparison of results from physical and numerical modelling of flow and dispersion in and around the Picada field site street canyon configuration, Proceedings of the 10th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, Eds. Skouloudis A., Kassomenos P. and Bartzis J., CRETE, Greece, 17-20 October, 296-300.

Bassoukos A., Karatzas K., Kelemis A. (2005) Environmental Information portals, services, and retrieval systems, Proceedings of of "Informatics for Environmental Protection- Networking Environmental Information"-19th International EnviroInfo Conference, Brno, Czech Republic, pp. 151-155

Bassoukos A., Masouras A., Kaprara A., Papaioannou I., and Karatzas K. (2005) Informatics applications and systems for supporting the adoption of Integrated Product Policies in SMEs: lessons learned from a software engineering point of view, 12th SETAC Europe LCA Case Studies Symposium, Bologna, Italy, 10-11 January 2005

Bilitewski B., Karagiannidis A., Theodoseli M., Malamakis A., Reichenbach J. and Janz A., 2005, Composting as an integrated solid waste management tool - Lessons learned from ASEAN-EU co-operation: The example of Pieria, Greece, Proceedings of the 9th International Conference of Environmental Science and Technology (T.D. Lekkas, ed.), Rhodes island, Greece, 1-3 September, B86-91, poster presentation.

Bilitewski B., Reichenbach J., Janz A., Karagiannidis A., Theodoseli M. and Malamakis A., 2005, Planning of composting schemes in the Prefecture of Pieria, Proceedings of the AWARE Conference: Avoidance and Management of municipal solid waste in the EU25 and Mediterranean countries: New and future research, Orleans (BRGM), France, 14-15 March, Book of Abstracts (J. Villeneuve, P. Freyssinet, B. Jourdan, V. Boutet, C. Fleury and B. Gayet, eds).

Bouzakis K.-D. Bouzakis, Michailidis N., Skordaris G., A Novel Quasi-Non Destructive Method to Determine Materials Constitutive Laws and Hardness, through Nanoindentations and FEM-based Evaluations, 16th Powder Metallurgical High Performance Materials Seminar (PLANSEE), May 30 – June 3, 2005 Reutte-Austria, vol. 2 (2005) pp. 1049-1063.

Bouzakis K.-D., Bouzakis, Skordaris G., Michailidis N., Asimakopoulos A., Erkens G., Effect on PVD coated cemented carbide inserts cutting performance of micro-blasting and lapping of their substrates, Proceedings of 5th International Conference "THE Coatings" 5-7 October 2005 Kallithea-Halkidiki-Greece, ZITI Editions Thessaloniki, 2005, pp: 101-108.

Bouzakis K.-D., Anastopoulos J., Asimakopoulos A.: Wear development of cemented carbide inserts coated with mono and multilayer PVD films, considering their strength properties and the cutting loads. 5th International Conference THE Coatings in Manufacturing Engineering, 5-7 October 2005, Kallithea-Chalkidiki, Greece, pp. 119-130.

Bouzakis K.-D., Anastopoulos J., Skordaris G.: Effect of PVD film residual stresses on the cutting performance of coated cemented carbide inserts. 5th International Conference THE Coatings in Manufacturing Engineering, 5-7 October 2005, Kallithea-Chalkidiki, Greece, pp. 153-160.

Bouzakis K.-D., Anastopoulos J.: Correlation between mechanical strength properties of PVD films and the wear behavior of coated tools. 5th International Conference THE Coatings in Manufacturing Engineering, 5-7 October 2005, Kallithea-Chalkidiki, Greece, pp. 137-146.

Bouzakis K.-D., Andreadis G., Vakali A., 2005, Development of a Web-based System Providing Communication between Designers and Manufacturers, 2nd International Conference on Manufacturing ENGINEERING (ICMEN), Kassandra Chalkidiki, 759-766

Bouzakis K.-D., Andreadis G., Vakali A., Karapidakis E.: Manufacturing automation of a workpiece using XML. 2nd International Conference on Manufacturing Engineering (ICMEN) and EUREKA Brokerage Event, 5-7 October 2005, Kallithea-Chalkidiki, Greece, pp. 741-750.

Bouzakis K.-D., Andreadis G., Vakali A.: Development of a web-based system providing communication between designers and manufacturers. 2nd International Conference on Manufacturing Engineering (ICMEN) and EUREKA Brokerage Event, 5-7 October 2005, Kallithea-Chalkidiki, Greece, pp. 759-766.

Bouzakis K.-D., Asimakopoulos A., Michailidis N., Pavlidou E., Erkens G., The inclined impact test, an efficient method to characterize coatings cohesion and adhesion properties, 5th International Conference on Tribology (BALKANTRIB'05), June 15-18, 2005, Kragujevac-Serbia and Montenegro, pp. 107-115.

Bouzakis K.-D., Asimakopoulos A., Skordaris G., Anastopoulos J., Pavlidou E., Erkens G.: A novel method to characterize cohesion and adhesion properties of coatings by means of the inclined impact test. 16th International Plansee Seminar, Reutte, Austria, proceedings Volume 2, pp. 1221-1234, 2005.

Bouzakis K.-D., Asimakopoulos A., Skordaris G., Anastopoulos J., Pavlidou E., Erkens G.: A novel method to characterize cohesion and adhesion properties of coatings by means of the inclined impact test. 5th International Conference THE Coatings in Manufacturing Engineering, 5-7 October 2005, Kallithea-Chalkidiki, Greece, pp. 335-344.

Bouzakis K.-D., Friderikos O., Mirisidis I., Tsiafis I., Determination of Chip Geometry and Cutting Forces in Gear Hobbing by a FEM-based Simulation of the Cutting Process. 8th CIRP International Workshop on Modeling of Machining Operations, Chemnitz, Germany, May 10-11, pp. 49-58, 2005.

Bouzakis K.-D., Friderikos O., Mirisidis I., Tsiafis I., FEM-based simulation of the cutting process in gear hobbing with various kinematics. 2nd International Conference on Manufacturing Engineering (ICMEN) and EUREKA Brokerage Event, 5-7 October 2005, Kallithea-Chalkidiki, Greece, pp. 97-110, 2005.

Bouzakis K.-D., Friderikos O., Mirisidis I., Tsiafis I.: Determination of Chip Geometry and Cutting Forces in Gear Hobbing by a FEM-based Simulation of the Cutting Process. 8th CIRP International Workshop on Modeling of Machining Operations, Chemnitz, Germany, May 10-11, pp. 49-58, 2005.

Bouzakis K.-D., Friderikos O., Mirisidis I., Tsiafis I.: Fem-based simulation of the cutting process in gear hobbing with various kinematics. 2nd International Conference on Manufacturing Engineering (ICMEN) and EUREKA Brokerage Event, 5-7 October 2005, Kallithea-Chalkidiki, Greece, pp. 97-110.

Bouzakis K.-D., Hadjiyiannis S., Skordaris G., Mirisidis I., Michailidis N., Erkens G., Wear development on cemented carbide inserts, coated with variable film thickness in the cutting wedge region, 5th International Conference on Tribology (BALKANTRIB'05), June 15-18, 2005, Kragujevac-Serbia and Montenegro, pp. 78-85.

Bouzakis K.-D., Koutoupas G., Maliaris G., Tsouknidas A., Papapanagiotou A.: Office seat design optimization considering the hardening of steel caused during the manufacturing procedure. 1st International Hellenic Conference of Mechanical and Electrical Engineers, 19-21 January, Athens, 2005.

Bouzakis K.-D., Lili E., Sampris A., Michailidis N., Maliaris G., Kompogiannis S. : Impact test on PVD-coatings and on various substrates at elevated temperatures. International Conference on Metallurgical Coatings and thin films "ICMCTF" , Town and Country Hotel, San Diego, California, May 2-6, USA, pp. 21, 2005.

Bouzakis K.-D., Lili E., Sampris A., Michailidis N., Maliaris G., Kompogiannis S., Impact test on PVD-coatings and on various substrates at elevated temperatures, 32nd International Conference on Metallurgical Coatings and Thin Films (ICMCTF), May 2-6, 2005, San Diego, CA, USA.

Bouzakis K.-D., Lili E., Sampris A., Michailidis N., Pavlidou E., Skordaris G. : Impact test on PVD coatings, at elevated temperatures. 5th International Conference THE Coatings in Manufacturing Engineering, 5-7 October 2005, Kallithea-Chalkidiki, Greece, pp. 311-322.

Bouzakis K.-D., Lili E., Sampris A., Michailidis N., Pavlidou E., Skordaris G., Impact test on PVD coatings, at elevated temperatures, Proceedings of 5th International Conference "THE Coatings" 5-7 October 2005 Kallithea-Halkidiki-Greece, ZITI Editions Thessaloniki, 2005, pp: 311-322.

Bouzakis K.-D., Maliaris G., Tsouknidas A., Papapanagiotou A., Kounelakis G.: A Wire Cutting Test to evaluate the Crystalline Structure of cylindrical Aluminum Specimens at Thixo Temperatures. 2nd International Conference

on Manufacturing Engineering (ICMEN) and EUREKA Brokerage Event, 5-7 October 2005, Kallithea-Chalkidiki, Greece, pp. 263-276.

Bouzakis K.-D., Maliaris G., Tsouknidas A., Papapanagiotou A.: Process development for the inspection of the temperature homogeneity of cylindrical aluminum billets used in the semi-solid high pressure die casting of parts with high mechanical strength. 1st International Hellenic Conference of Mechanical and Electrical Engineers, 19-21 January, Athens, 2005.

Bouzakis K.-D., Mansour G., Varitis E., Sagris D. : Processing of cmm point clouds by means of genetic algorithm for the solid modeling of parts and nc-code creation. 2nd International Conference on Manufacturing Engineering (ICMEN) and EUREKA Brokerage Event, 5-7 October 2005, Kallithea-Chalkidiki, Greece, pp. 633-642.

Bouzakis K.-D., Michailidis N. : Coating elastic –plastic properties determination by nanoindentations and FEM-supported evaluation algorithms. 5th International Conference THE Coatings in Manufacturing Engineering, 5-7 October 2005, Kallithea-Chalkidiki, Greece, pp. 295-302.

Bouzakis K.-D., Michailidis N., An Accurate and Fast Approach for Determining Materials Stress-Strain Curves by Nanoindentation and its FEM-Based Simulation, Proceedings of 2nd International Conference on Manufacturing Engineering ICMEN, 5-7 October 2005, Kallithea-Halkidiki-Greece, ZITI Editions Thessaloniki, 2005, pp: 303-316.

Bouzakis K.-D., Michailidis N., Coating elastic-plastic properties determination by nanoindentations and FEM-supported evaluation algorithms, Proceedings of 5th International Conference "THE Coatings" 5-7 October 2005 Kallithea-Halkidiki-Greece, ZITI Editions Thessaloniki, 2005, pp: 295-302.

Bouzakis K.-D., Michailidis N., Coating elastic-plastic properties determined by means of nanoindentations and FEM-supported evaluation algorithms, 5th International Conference on Tribology (BALKANTRIB'05), June 15-18, 2005, Kragujevac-Serbia and Montenegro, pp. 86-92.

Bouzakis K.-D., Michailidis N., Determination of indenter surface area and hardness by a FEM-supported simulation of nanoindentation, Proceedings of 2nd International Conference on Manufacturing Engineering ICMEN, 5-7 October 2005, Kallithea-Halkidiki-Greece, ZITI Editions Thessaloniki, 2005, pp: 327-334.

Bouzakis K.-D., Michailidis N., Indenter area functions and hardness determination by means of a FEMsupported simulation of nanoindentation at low penetration depths, 32nd International Conference on Metallurgical Coatings and Thin Films (ICMCTF), May 2-6, 2005, San Diego, CA, USA.

Bouzakis K.-D., Michailidis N., Skordaris G. : A Novel Quasi-Non Destructive Method to Determine Materials Constitutive Laws and Hardness, through Nanoindentations and FEM-based Evaluations. 16th International Plansee Seminar, Reutte, Austria, proceedings Volume 2, pp. 1049-1063, 2005.

Bouzakis K.-D., Michailidis N., Skordaris G., A. Asymakopoulos, Lili E., Sampris A., Coated cutting tools performance characterization supported by nanoindentations, impact tests and fem simulations, Proceedings of 5th

International Conference "THE Coatings" 5-7 October 2005 Kallithea-Halkidiki-Greece, ZITI Editions Thessaloniki, 2005, pp: 3-30.

Bouzakis K.-D., Michailidis N., Skordaris G., Asimakopoulos A., Lili E., Sampris A.: Coated cutting tools performance characterization supported by nanoindentations, impact tests and fem simulations. 5th International Conference THE Coatings in Manufacturing Engineering, 5-7 October 2005, Kallithea-Chalkidiki, Greece, pp. 3-30.

Bouzakis K.-D., Michailidis N., Skordaris G., Evaluation of nanoindenter area function results through empirical-analytical methodologies and by means of a FEM-based algorithm, EUROMAT'05, September 5-8, 2005 in Prague-Czech Republic.

Bouzakis K.-D., Michailidis N., Skordaris G., Materials Constitutive Laws and Hardness Determination, based on Nanoindentations and FEM-based Evaluations, Proceedings of 5th International Conference "THE Coatings" 5-7 October 2005 Kallithea-Halkidiki-Greece, ZITI Editions Thessaloniki, 2005, pp: 353-362.

Bouzakis K.-D., Michailidis N., Skordaris N. : Materials Constitutive Laws and Hardness Determination, based on Nanoindentations and FEM-based Evaluations. 5th International Conference THE Coatings in Manufacturing Engineering, 5-7 October 2005, Kallithea-Chalkidiki, Greece, pp. 353-362.

Bouzakis K.-D., Michailidis N.: An Accurate and Fast Approach for Determining Materials Stress-Strain Curves by Nanoindentation and its FEM-Based Simulation. 2nd International Conference on Manufacturing Engineering (ICMEN) and EUREKA Brokerage Event, 5-7 October 2005, Kallithea-Chalkidiki, Greece, pp. 303-316.

Bouzakis K.-D., Michailidis N.: Determination of Indenter SURFACE area and hardness by a FEM-supported simulation of nanoindentation. 2nd International Conference on Manufacturing Engineering (ICMEN) and EUREKA Brokerage Event, 5-7 October 2005, Kallithea-Chalkidiki, Greece, pp. 327-334.

Bouzakis K.-D., Michailidis N.: Indenter surface area and hardness determination by means of a FEMsupported simulation of nanoindentation at low penetration depths. International Conference on Metallurgical Coatings and thin films "ICMCTF" , Town and Country Hotel, San Diego, California, May 2-6, USA, pp. 13, 2005.

Bouzakis K.-D., MichailidisN., Skordaris G.: Hardness determination by means of a FEM-supported simulation of nanoindentation and applications in thin hard coatings. In press in International Journal Surface & Coatings Technology, 200 (2005), pp. 867-871.

Bouzakis K.-D., Mirisidis I., Pantelakis G. Sp., Petroyiannis V.P.: Superficial strength properties modification of specimens subjected to cyclic loads, detected by nanoindentations. 2nd International Conference on Manufacturing Engineering (ICMEN) and EUREKA Brokerage Event, 5-7 October 2005, Kallithea-Chalkidiki, Greece, pp. 23-36.

Bouzakis K.-D., Mitsi S., Michailidis N., Mirisidis I., Mesomeris G., Maliaris G., Korlos A., Kapetanios G., Antonarakos P., Anagnostidis K., Loading simulation of lumbar spine vertebrae during a compression test using the finite elements method and trabecular bone strength properties, determined by means of nanoindentations, Proceedings of 2nd International Conference on Manufacturing Engineering ICMEN, 5-7 October 2005, Kallithea-Halkidiki-Greece, ZITI Editions Thessaloniki, 2005, pp: 907-915.

Bouzakis K.-D., Mitsi S., Michailidis N., Mirisidis I., Mesomeris G., Maliaris G., Korlos A., Kapetanios G., Antonarakos P., Anagnostidis K.: Loading simulation of lumbar spine vertebrae during a compression test using the finite elements method and trabecular bone strength properties, determined by means of nanoindentations. 1st International Hellenic Conference of Mechanical and Electrical Engineers, 19-21 January, Athens, 2005.

Bouzakis K.-D., Mitsi S., Michailidis N., Mirisidis I., Mesomeris G., Maliaris G., Korlos A., Kapetanios G., Antonarakos P., Anagnostidis K.: Loading simulation of lumbar spine vertebrae during a compression test using the finite elements method and trabecular bone strength properties, determined by means of nanoindentations. 2nd International Conference on Manufacturing Engineering (ICMEN) and EUREKA Brokerage Event, 5-7 October 2005, Kallithea-Chalkidiki, Greece, pp. 907-916.

Bouzakis K.-D., Mitsi S., Michailidis N., Mirisidis I., Mesomeris G., Maliaris G., Korlos A., Kapetanios G., P.Antonarakos, Anagnostidis K., Loading simulation of lumbar spine vertebrae during a compression test using the finite elements method and trabecular bone strength properties, determined by means of nanoindentations, 5th International Conference on Tribology (BALKANTRIB'05), June 15-18, 2005, Kragujevac-Serbia and Montenegro, pp. 93-100.

Bouzakis K.-D., Mitsi S., Sagris D., Mansour G. : Determination of optimum robot base location considering discrete end-effector positions by means of hybrid genetic algorithm. 1st International Hellenic Conference of Mechanical and Electrical Engineers, 19-21 January, Athens, 2005.

Bouzakis K.-D., Pantermalis D., Efstathiou K., Varitis E., Michailidis N., Mavroudis I. Sagris D. Asymakopoulos A., 2005, Design and manufacturing aspects, related to a vaginal speculum and to a carriage suspension head of antiquity, investigated by computer tomographies and FEM simulation techniques. 2nd International Conference on Manufacturing Engineering (ICMEN) and EUREKA Brokerage Event, 5-7 October, Kallithea-Chalkidiki, Greece, pp. 3-22.

Bouzakis K.-D., Pantermalis D., Efstathiou K., Varitis E., Michailidis N., Mavroudis I., 2005, Archaeological objects solid geometry determination based on computer tomographies, digital photography and appropriate processing of the related data. 2nd International Conference on Manufacturing Engineering (ICMEN) and EUREKA Brokerage Event, 5-7 October, Kallithea-Chalkidiki, Greece, pp. 675-698.

Bouzakis K.-D., Pantermalis D., Efstathiou K., Varitis E., Michailidis N., Mavroudis I., Sagris D., Asymakopoulos A.: Design and manufacturing aspects, related to a vaginal speculum and to a carriage suspension head of

antiquity, investigated by computer tomographies and fem simulation techniques. 2nd International Conference on Manufacturing Engineering (ICMEN) and EUREKA Brokerage Event, 5-7 October 2005, Kallithea-Chalkidiki, Greece, pp. 3-22.

Bouzakis K.-D., Pantermalis D., Efstathiou, Varitis E., Michailidis N., Mavroudis I. : Archaeological objects solid geometry determination based on computer tomographies, digital photography and appropriate processing of the related data. 2nd International Conference on Manufacturing Engineering (ICMEN) and EUREKA Brokerage Event, 5-7 October 2005, Kallithea-Chalkidiki, Greece, pp. 675-698.

Bouzakis K.-D., Paraskevopoulou R., Giannopoulos G. , 2005, Coating failure propagation during impact test evaluated by image processing techniques, Proceedings of the 1st International Conference on Manufacturing Engineering ICMEN , pp. 385-395.

Bouzakis K.-D., Paraskevopoulou R., Giannopoulos G.: Coating failure propagation during impact test evaluated by image processing techniques. 5th International Conference THE Coatings in Manufacturing Engineering, 5-7 October 2005, Kallithea-Chalkidiki, Greece, pp. 385-398.

Bouzakis K.-D., Sampris A., Lili E. : Force signal evaluation during the impact test. 5th International Conference THE Coatings in Manufacturing Engineering, 5-7 October 2005, Kallithea-Chalkidiki, Greece, pp. 397-406.

Bouzakis K.-D., Siganos A., Sirogiannopoulos A., Dimitriou O., Papaefthimiou Th., Karamolegos I.: FEM supported determination of cement rotary kiln stresses considering the contribution of the internal refractory to the kiln rigidity. 1st International Hellenic Conference of Mechanical and Electrical Engineers, 19-21 January, Athens, 2005.

Bouzakis K.-D., Skordaris G., Hadjiyiannis S., Mirisidis I., Michailidis N., Erkens G., Wear behaviour of PVD coated tools with respect to annealing treatments, 5th International Conference on Tribology (BALKANTRIB'05), June 15-18, 2005, Kragujevac-Serbia and Montenegro, pp. 19-31.

Bouzakis K.-D., Skordaris G., Michailidis N., Asimakopoulos A., Erkens G. : Effect on PVD coated cemented carbide inserts cutting performance of micro-blastin and lapping of their substrates. 5th International Conference THE Coatings in Manufacturing Engineering, 5-7 October 2005, Kallithea-Chalkidiki, Greece, pp. 101-108.

Bouzakis K.-D., Skordaris G., Michailidis N. : A FEM based simulation of nanoindentation to determine superficial gradation of strength properties. 5th International Conference THE Coatings in Manufacturing Engineering, 5-7 October 2005, Kallithea-Chalkidiki, Greece, pp. 363-374.

Bouzakis K.-D., Skordaris G., Michailidis N., A FEM based simulation of nanoindentation to determine superficial gradation of strength properties, EUROMAT'05, September 5-8, 2005 in Prague-Czech Republic.

Bouzakis K.-D., Skordaris G., Michailidis N., A FEM based simulation of nanoindentation to determine superficial gradation of strength properties, Proceedings of 5th International Conference "THE Coatings" 5-7 October

2005 Kallithea-Halkidiki-Greece, ZITI Editions Thessaloniki, 2005, pp: 363-374.

Bouzakis K.-D., Skordaris G., Michailidis N., Asimakopoulos A., Erkens G. : Effect on PVD coated cemented carbide inserts cutting performance of micro-blasting and lapping of their substrates. International Journal Surface & Coatings Technology, 200 (2005) pp. 128-132.

Bouzakis K.-D., Skordaris G., Mirisidis I., Mesomeris G., Michailidis N., Pavlidou E., Erkens G.: Micro-blasting of PVD films, an effective way to increase the cutting performance of coated cemented carbides tools. Annals of the CIRP, Vol. 54/1, pp. 95-98, 2005.

Bouzakis K.-D., Skordaris G., Mirisidis I., Michailidis N., Cutting performance improvement through Micro-blasting on well-adherent PVD films on cemented carbides inserts, 32nd International Conference on Metallurgical Coatings and Thin Films (ICMCTF), May 2-6, 2005, San Diego, CA, USA.

Bouzakis K.-D., Skordaris G., Mirisidis I., Michailidis N., Mesomeris G., Pavlidou E., Erkens G., Cutting performance improvement through micro-blasting on well-adherent PVD films on cemented carbides inserts, Proceedings of 5th International Conference "THE Coatings" 5-7 October 2005 Kallithea-Halkidiki-Greece, ZITI Editions Thessaloniki, 2005, pp: 109-118.

Bouzakis K.-D., Skordaris G., Mirisidis I., Michailidis N., Mesomeris G., Pavlidou E., Erkens G.: Cutting performance improvement through micro-blasting on well-adherent pvd films on cemented carbides inserts. 5th International Conference THE Coatings in Manufacturing Engineering, 5-7 October 2005, Kallithea-Chalkidiki, Greece, pp. 109-118.

Bouzakis K.-D., Skordaris G., Mirisidis I., Michailidis N.: Cutting performance improvement through Micro-blasting on well-adherent PVD films on cemented carbides inserts. International Conference on Metallurgical Coatings and thin films "ICMCTF" , Town and Country Hotel, San Diego, California, May 2-6, USA, pp. 5, 2005.

Bouzakis K.-D., Tsiafis I., Petridou C., Sampsonidis D.: High Accuracy Assembly of Muon Detection Chambers, for the Muon Spectrometer of the ATLAS experiment at the European Center for Nuclear Research (CERN). 1st International Hellenic Conference of Mechanical and Electrical Engineers, 19-21 January, Athens, 2005.

Bouzakis K.-D., Tsouknidas A., Maliaris G., Papapanagiotou A., Kompogiannis S., Kounelakis G.: Aluminium Wheel rims design and manufacturing by Means of FEM calculations and Semi-Solid die casting. 2nd International Conference on Manufacturing Engineering (ICMEN) and EUREKA Brokerage Event, 5-7 October 2005, Kallithea-Chalkidiki, Greece, pp. 283-292.

Bouzakis K.-D., Vakali A., Andreadis G., Karapidakis E., 2005, Internet based automation of the process "Designing - Machining" of a workpiece, Third International Working Conference – TQM, Beograd

Bouzakis K.-D., Vakali A., Andreadis G., Karapidakis E., 2005, Manufacturing automation of a workpiece using XML, 2nd International Conference on Manufacturing ENgineering (ICMEN), Kassandra Chalkidiki, 741-750

Bouzakis K.-D., Pantermalis D., Efstathiou K., Varitis E., N. Michailidis, Mavroudis I., Archaeological objects solid geometry determination based on computer tomographies, digital photography and appropriate processing of the related data, Proceedings of 2nd International Conference on Manufacturing Engineering ICMEN, 5-7 October 2005, Kallithea-Halkidiki-Greece, ZITI Editions Thessaloniki, 2005, pp: 675-694.

Bouzakis K.-D., Pantermalis D., Efstathiou K., Varitis E., N. Michailidis, Mavroudis I., Sagris D., A. Asymakopoulos, Design and manufacturing aspects, related to a vaginal speculum and to a carriage suspension head of antiquity, investigated by computer tomographies and fem simulation techniques, Proceedings of 2nd International Conference on Manufacturing Engineering ICMEN, 5-7 October 2005, Kallithea-Halkidiki-Greece, ZITI Editions Thessaloniki, 2005, pp: 3-22.

Chatzipanagioti M., Theodori V., Vlachos D., Information Sharing Among Supply Chain Partners: Centralized vs. Decentralized Inventory Management, 3rd International Conference on Supply Chain Management and Information Systems - SCMIS2005, Thessaloniki, 21-30, 6-8 July 2005.

Dalaouti N. and P. Seferlis, "Optimal design of complex separation units", Proceedings of the 5th Greek Chemical Engineering Conference, Thessaloniki, 2005.

Dalaouti N., and Seferlis P., "Design and Optimisation of Complex Separation Processes Using Orthogonal Collocation on Finite Elements Modelling Techniques", 8th Conference on Process Integration, Modelling and Optimisation for Energy Saving and Pollution Reduction, PRES'05, Proceedings, 2005.

Debry E., Douros I. and Moussiopoulos N., 2005, Modelling of organic aerosol composition in the MARS-MUSE dispersion model, some preliminary results, Proceedings of the ACCENT Symposium - The changing chemical climate of the atmosphere, Eds. Fuzzi S. and Maione M., URBINO, Italy, 12-16 September, CD-ROM edition.

Douros I., Aquilina N., Panagiotidis P., Carvalho A., Borrego C. and Moussiopoulos N., 2005, High resolution meteorological simulations over Athens using MM5 and MEMO mesoscale models, Proceedings of the 5th International Conference on Urban Air Quality, Valencia, Eds. Sokhi R., Milan M. and Moussiopoulos N., VALENCIA, Spain, 29-31 March, 31.

Erkut E., Karagiannidis A., Perkoulidis G. and Tjandra S., 2005, Optimization of regional management of municipal solid waste: A modeling approach with application, Proceedings of the 5th International Exhibition and Conference on Environmental Technology - HELECO 05 (Technical Chamber of Greece, ed.), Athens, Greece, 3-6 February, CD-ROM edition.

Fontaras G., Z. Samaras, D. Elst and R. Gense "Use of vehicle modeling tools for CO2 emissions control policy support and decision making – A case study of the EU N1 vehicle legislation framework", Proceedings of the 14th

International Symposium "Transport and Air Pollution", June 1-3, 2005, Graz, Austria.

Friedrich R., Reis S., Douros I., Moussiopoulos N. and the MERLIN project team, 2005, European emission control strategies and the urban environment-lessons learned from the EU research project Merlin, Proceedings of the 5th International Conference on Urban Air Quality, Eds. Sokhi R., Milan M. and Moussiopoulos N., VALENCIA, Spain, 29-31 March, 23.

G. Mansour, K.-D. Bouzakis, D. Sagris, E., Varitis, Reverse Engineering of Parts by Means of Polynomial Curves, 2nd International Conference on Manufacturing Engineering (ICMEN), pp. 653-660, Thessaloniki, Greece, 2005.

Gadji M., Leverenz H., Tchobanoglous G. and Karagiannidis A., 2005, Sustainable waste management at special events using reusable dishware, Proceedings of the 13th International Symposium of MESAEP on Environmental Pollution and its Impact on Life in the Mediterranean Region, Thessaloniki, Greece, 8-12 October, Book of Abstracts (K. Nikolaou, ed.), Schema & Chroma, ISBN: 960-88839-0-3, 272.

Geivanidis S. and Z. Samaras "Investigation of the emission degradation of Euro III and Euro IV gasoline vehicles", Proceedings of the 14th International Symposium "Transport and Air Pollution", 269-278, June 1-3, 2005, Graz, Austria.

Georgiadis P., "A System Dynamics Modeling Approach for Recycling Networks", 2005, Proceedings of 5th International Conference on Analysis of Manufacturing Systems and Production Management, Zakynthos Island, 169-175.

Georgiadis P., Besiou M., Vlachos D., Iakovou E., 2005, A Comprehensive Methodological Framework for Sustainable Supply Chains, IASME/WSEAS International Conference on Energy, Environment, Ecosystems and Sustainable Development, Athens, Greece, 12-14.07.05.

Georgiadis P., Iakovou E., Vlachos D., Besiou M., 2005, Ecological Motivation and Sustainability for Reverse Logistics: A System Dynamics Modeling Approach, 2005 WSEAS International Conference on Environment, Ecosystems and Development, Venice, 2-4.11.05, 243-248.

Georgiadis P., Vlachos D., Michaloudis C., 2005, A Methodological Framework for Risk Management using Systems Dynamics, Πρακτικά 17ου Εθνικού Συνεδρίου Ελληνικής Εταιρίας Επιχειρησιακών Ερευνών, Ρίο Πάτρας, (πρακτικά σε ηλεκτρονική μορφή).

Giagopoulos D., Salpistis C., Natsiavas, S., 2005, "On some Peculiarities Encountered in the Identification of Gear-Pair Systems," 20th Biennial ASME Conference on Mechanical Vibration and Noise, Long Beach, California, 2005.

Giama E., Papadopoulos A.M., Macridis A. (2005), ISO 14040 (LCA) STANDARD IMPLEMENTATION TO STONE WOOL'S PRODUCTION FOR ENVIRONMENTAL INDICATORS DEVELOPMENT – INTERACTION WITH ISO 14031 STANDARD Proceedings of Sustainable Development Indicators in the Minerals Industry Conference, Aachen, 18 – 20 May, Germany, 169-183.

Glavonjic M., Milutinovic D., Zivanovic S., Bouzakis K.-D., Mitsi S., Misopolinos L., Development of a parallel kinematic device integrated into a 3-axis milling centre, 2nd International Conference on Manufacturing Engineering (ICMEN) and EUREKA Brokerage Event, Kallithea-Chalkidiki, Greece, pp. 351-362, 2005.

Glavonjic M., Milutinovic D., Zivanovic S., Bouzakis K.-D., Mitsi S., Misopolinos L.: Development of a Parallel Kinematic device Integrated into a 3-axis Milling centre. 2nd International Conference on Manufacturing Engineering (ICMEN) and EUREKA Brokerage Event, 5-7 October 2005, Kallithea-Chalkidiki, Greece, pp. 351-362.

I. Athanasiadis, K. Karatzas and P. Mitkas (2005), Contemporary air quality forecasting methods: A comparative analysis between statistical methods and classification algorithms, Proceedings of the 5th International Conference on Urban Air Quality Measurement, Modelling and Management, (R. Sokhi and J. Brexhler eds), Valencia, 29-31 March 2005, Spain.

Iakovou E. and Vlachos D., Security in Supply Chains: Organizational and Technological Solutions, Trends and Prospects, 1st Greek National Conference of Mechanical & Electrical Engineers, Athens, 28-30.03.05.

Iakovou E., 2005, A Comprehensive Framework for Logistics & Supply Chain Management of Lubricants, Balkantrib'05: 5th International Conference of Tribology, Kragujevac, Serbia and Montenegro, 15-18.06.05, 576-584.

Iakovou E., Vlachos D., 2005, Designing and Managing Resilient Supply Chains: Disruptions, Risk and Security, 2nd ICMEN Conference, Chalkidiki, Greece, 5-7.10.05, 823-832.

Iakovou E., Vlachos D., Psoinos D., 2005, A Methodological Framework for the Development of Organizational Memory with the Use of Knowledge Management, 1st Conference of Management Scientists: Management Theory and Applications – Management and Society, Athens, 6-7.10.05, 2005.

Iakovou E., Vlachos D., Staiou E., 2005, Virtualization of Supply Chain Management: Trends and Challenges, 2nd ICMEN Conference, Chalkidiki, Greece, 5-7.10.05, 803-812.

Iakovou E., Vlachos D., Tsitsamis D., 2005. A Systemic Methodological Framework for Port Container Terminal Logistics, XV International Conference Transport 2005, Sofia, Bulgaria, 10-11.11.05.

Iakovou E., Vlachos D., Tsitsamis D., A Systemic Methodological Framework for Port Container Terminal Logistics, XV International Conference Transport 2005, Sofia, 178-183, 10-11 November 2005.

Iakovou E., Xanthopoulos A., 2005, A New Framework for Supply Chain Disassembly & Reverse Logistics: Review, Concepts and Examples, 3rd International Workshop on Supply Chain Management and Information Systems: Proceedings of SCMIS 2005, Thessaloniki, Greece, 6-8.07.05, 441-451.

K.-D. Bouzakis, G. Mansour, E. Varitis, D. Sagris, Processing of CMM point clouds by Means of Genetic Algorithm for the Solid Modeling of Parts and NC-

Code Creation, 2nd International Conference on Manufacturing Engineering (ICMEN), pp. 633-642, Thessaloniki, Greece, 2005.

Karagiannidis A., Bilitewski B., Theodoseli M., Reichenbach J., Janz A., Nguyen T., Galang A. and Papayno P., 2005, Planning of composting schemes for solid wastes in Asia, Proceedings of the 1st International Conference on WASTE THE SOCIAL CONTEXT (Edmonton Waste Management Centre of Excellence, ed.), Edmonton, Canada, 11-14 May, 229-238, CD-ROM edition.

Karagiannidis A., Tsatsarelis T., Perkoulidis G., Theodoseli M. and Mavridis B., 2005, Locational and environmental characteristics of waste disposal sites in the prefecture of Evros, Proceedings of the 12th International Symposium on Toxicity Assessment, Skiathos, Greece, 12-17 June, Book of Abstracts (A. Kungolos, ed.), Grafima Publications, ISBN 960-8806-6-3, 177.

Karagiannidis A., Xirogiannopoulou A., Leverenz H., Tchobanoglous G., Erkut E. and Voutsas A., 2005, Investigation of key-factors influencing individual behaviour and attitude towards or against illegal waste dumping and source separation activities, under the frame of a potential Pay-as-you-throw-system in Greece, Proceedings of the 1st International Conference on WASTE THE SOCIAL CONTEXT (Edmonton Waste Management Centre of Excellence, ed.), Edmonton, Canada, 11-14 May, 319-328, CD-ROM edition.

Karagiannidis A., Erkut E., Xirogiannopoulou A. and Perkoulidis G., 2005, On social issues related to municipal solid waste: Modelling public annoyance and convenience from temporary storage containers, Proceedings of the 1st International Conference on WASTE THE SOCIAL CONTEXT (Edmonton Waste Management Centre of Excellence, ed.), Edmonton, Canada, 11-14 May, 310-318, CD-ROM edition.

Karagiannidis, A., Kouras, A., Perkoulidis, G., Rakimbei, P. and Tsatsarelis T., 2005, A first step of risk assessment in a semi-controlled landfill: Case study in municipality of Chalastra in Greece, Proceedings of the 12th International Symposium on Toxicity Assessment, Skiathos, Greece, 12-17 June, Book of Abstracts (A. Kungolos, ed.), Grafima Publications, ISBN 960-8806-6-3, 107, poster presentation.

Karatzas K. (2005) Internet-based management of Environmental simulation tasks. In Farago I., Georgiev K. and Havasi A. (eds) Advances in Air Pollution Modelling for Environmental Security, NATO Reference EST.ARW980503, 406 p., Hardcover, Springer, ISBN: 1-4020-3349-4., pp. 253-262.

Karatzas K., Endregard G., and Fløisand I. (2005) Citizen-oriented environmental information services: usage and impact modelling, Proceedings of "Informatics for Environmental Protection- Networking Environmental Information"-19th International EnviroInfo Conference, Brno, Czech Republic, pp. 872-878

Koltsakis G. C., Haralampous O. A., Margaritis N., Samaras Z. C., Vogt C-D., Ohara E., Watanabe Y., Mizutani T. "3-dimensional Modeling of the Regeneration in SiC Particulate Filters", Proceedings of the 2005 SAE International Congress, SAE paper 2005-01-0953, Detroit Michigan, 2005.

Koltsakis G. C., Haralampous O. A., Margaritis N., Samaras Z. C., Vogt C-D., Ohara E., Watanabe Y., Mizutani T. "Performance of Catalyzed Particulate Filters without Upstream Oxidation Catalyst", Proceedings of the 2005 SAE International Congress, SAE paper 2005-01-0952, Detroit Michigan, 2005.

Koroneos C., Achillas H. and Moussiopoulos N., 2005, Sustainability in production – The application of environmental tools, Proceedings of the 1st Panhellenic Conference of Dipl. Mechanical - Electrical Engineers, Ed. Panhellenic Society of Mechanical – Electrical Engineers, ATHENS, Greece, 28-30 March, CD-ROM edition.

Koroneos C., Achillas H., Moussiopoulos N. and Kikis V., 2005, Sustainability in production - The application of environmental tools, Proceedings of the 9th Conference on Environmental Science and Technology - CEST 2005, Ed. Lekkas T.D., RHODES island, Greece, 1-3 September, 455-460, CD-ROM edition.

Koroneos C., Achillas H., Moussiopoulos N. and Kikis V., 2005, Sustainability in production-The application of environmental tools, Proceedings of the 13th International Environmental Conference, MESAEP, Ed. Nikolaou K., THESSALONIKI, Greece, 8-12 October, 280.

Koroneos C., Dompros A., Theodosiou G., Roumbas G. and Moussiopoulos N., 2005, ECOSMEs - A tool for the implementation of IPP in SMEs, Proceedings of the 5th International Exhibition and Conference on Environmental Technology, HELECO 05, Ed. Technical Chamber of Greece, ATHENS, Greece, 3-6 February, 124, CD-ROM edition.

Koroneos C., Dompros A., Theodosiou G., Roumbas G. and Moussiopoulos N., 2005, Life cycle assessment of hydrogen fuel production processes, Proceedings of the 5th International Exhibition and Conference on Environmental Technology, HELECO 05, Ed. Technical Chamber of Greece, ATHENS, Greece, 3-6 February, 125, CD-ROM edition.

Koroneos C., Moussiopoulos N., Achillas H., Dompros A., Bouzakis K.-D., Michailidis N., Iakovou A., Xanthopoulos A., Implementation of recycling and environmental aspects in an integrated product policy, in electrical and electronic equipment, Proceedings of 2nd International Conference on Manufacturing Engineering ICMEN, 5-7 October 2005, Kallithea-Halkidiki-Greece, ZITI Editions Thessaloniki, 2005, pp: 855-866.

Koroneos C., Moussiopoulos N., Achillas H., Dompros A., Bouzakis K.-D., Michailidis N., Iakovou E. and Xanthopoulos A., 2005, Implementation of recycling and environmental aspects in an integrated product policy, in electrical and electronic equipment, Proceedings of the 2nd International Conference on Manufacturing Engineering, ICMEN and EUREKA Brokerage Event, Ed. Bouzakis K.D., KALLITHEA, Chalkidiki, 5-7 October, 855-865.

Koroneos C., Moussiopoulos N., Achillas H., Dompros A., Bouzakis K.-D., Michailidis N., Iakovou E., Xanthopoulos A.: Implementation of recycling and environmental aspects in an integrated product policy, in electrical and electronic equipment. 2nd International Conference on Manufacturing Engineering (ICMEN) and EUREKA Brokerage Event, 5-7 October 2005, Kallithea-Chalkidiki, Greece, pp. 855-866.

Koroneos C., Vasileiadis M., Xydis G. and Moussiopoulos N., 2005, Life cycle analysis of solid oxide fuel cells, Proceedings of the 9th Conference on Environmental Science and Technology - CEST 2005, Ed. Lekkas T.D., RHODES island, Greece, 1-3 September, 810-816, CD-ROM edition.

Lauwerens W., Clarysse F., M. Van Stappen, Bouzakis K.-D., Mirisidis I., Lili E., Sampris A.: Performance of different PVD tool coatings in sheet metal forming operations. 5th International Conference THE Coatings in Manufacturing Engineering, 5-7 October 2005, Kallithea-Chalkidiki, Greece, pp. 323-334.

Leverenz H., Xirogiannopoulou A., Tchobanoglous G. and Karagiannidis A., 2005, Financial aspects of urban solid waste management in Greece and the United States: The cases of Panorama and Davis, Proceedings of the 9th International Conference of Environmental Science and Technology (T.D. Lekkas, ed.), Rhodos island, Greece, 1-3 September, B515-521, poster presentation.

Lontos A., Bouzakis K.-D., Demosthenous G., Baldoukas A. : Application of 3D FEM simulation in the hot extrusion of aluminum AA6061 using circular dies with different geometries. 2nd International Conference on Manufacturing Engineering (ICMEN) and EUREKA Brokerage Event, 5-7 October 2005, Kallithea-Chalkidiki, Greece, pp. 227-236.

Mansour G., Bouzakis K.-D., Sagris D., Varitis E. : Reserve engineering of parts by means of polynomial curves. 2nd International Conference on Manufacturing Engineering (ICMEN) and EUREKA Brokerage Event, 5-7 October 2005, Kallithea-Chalkidiki, Greece, pp. 653-660.

Martavaltzi C., Iordanidis A, Voutetakis S., Seferlis P., Swinkels P. “Modeling of a methanol reformer for the production of hydrogen in fuel cells”, Proceedings of the 5th Greek Chemical Engineering Conference, Thessaloniki, 2005.

Martinopoulos G., Tsilingiridis G., Kyriakis N., ,2005,: Three eco-tool comparison with the example of the environmental performance of domestic solar flat plate hot water systems. Proc. ‘9th Int. Conference on Environmental Science and Technology’, pp. B556-B551, ISSN 1106-5516, Un. of Aegean - GlobalNEST, Rhodes, Greece, Sept. 1-3, 2005.

Metallidis, P., Stavrakis, I., Theodosiou, C. and Natsiavas, S., “Dynamics and Identification of Vehicle Models with Piecewise Linear Suspensions,” 5th European Nonlinear Oscillations Conference, Eindhoven, Netherlands, 2005.

Metallidis, P., Stavrakis, I., Theodosiou, C. and Natsiavas, S., “Dynamics and Identification of Vehicle Models with Strongly Nonlinear Characteristics,” ECCOMAS Thematic Conference – Multibody Dynamics, Madrid, Spain, 2005.

Metallidis, P., Stavrakis, I., Verros, G. and Natsiavas, S., “Long Term Ride Dynamics of Large Vehicle Models with Nonlinear Suspensions,” 20th Biennial ASME Conference on Mechanical Vibration and Noise, Long Beach, California, 2005.

Michopoulos A., Bozis D., Kikidis P., Papakostas K., Kyriakis N., 2005, Ground source heat pump system in a public building of northern Greece –

operation experience and results, 36th Congress on Heating, Refrigerating and Air-Conditioning., Union of Mechanical nad Electrical Engineers and Technicians of Serbia (SMEITS), SMEITS, Belgrade, 115-123

Mihailidis A, Drivakos N., Salpistis C., Panagiotidis K., 2005, Experimental investigation of the lubrication of opposite running disks. Proceedings of the 5th International Conference on Tribology, Kragujevac, Serbia and Montenegro, 2005, pp. 602-609.

Mitsi S, K.D. Bouzakis, D. Sagris, G. Mansour, Geometric Design Optimization of Spatial RR Robot Manipulator Using a Hybrid Algorithm, 2nd International Conference on Manufacturing Engineering (ICMEN), pp. 373-380, Kallithea-Chalkidiki, Greece, 2005.

Mitsi S., Bouzakis K.-D., Mansour G. Popescu I. : Position analysis in polynomial form of assur groups of class 3 and order 3 including two and three prismatic joints, part II. 2nd International Conference on Manufacturing Engineering (ICMEN) and EUREKA Brokerage Event, 5-7 October 2005, Kallithea-Chalkidiki, Greece, pp. 399-406.

Mitsi S., Bouzakis K.-D., Mansour G., Popescu I, Position Analysis in Polynomial Form of Assur Groups of Class 3 and Order 3 Including with Two and Three Prismatic Joints, 9th International Symposium on Theory of Machines and Mechanisms, pp., 99-104, Bucharest, Romania, 2005

Mitsi S., Bouzakis K.-D., Mansour G., Popescu I. : Position analysis in polynomial form of assur groups of class 3 and order 3 including two and three prismatic joints, part I. 2nd International Conference on Manufacturing Engineering (ICMEN) and EUREKA Brokerage Event, 5-7 October 2005, Kallithea-Chalkidiki, Greece, pp. 389-398.

Mitsi S., Bouzakis K.-D., Mansour G., Sagris D., Maliaris G. : Off-line Programming of an Industrial Robot for Manufacturing. International Journal of Advanced manufacturing Technology, Vol. 26., No.3, 2005, pp. 262-267.

Mitsi S., Bouzakis K.-D., Misopolinos L., Milutinovic D. : Workspace and manipulability optimization with genetic algorithms of a 3 dof spatial parallel mechanism used in machining processes. 2nd International Conference on Manufacturing Engineering (ICMEN) and EUREKA Brokerage Event, 5-7 October 2005, Kallithea-Chalkidiki, Greece, pp. 363-372.

Mitsi S., Bouzakis K.-D., Misopolinos L., Milutinovic D., Workspace and manipulability optimization with genetic algorithms of a 3-dof spatial parallel mechanism used in machining processes, 2nd International Conference on Manufacturing Engineering (ICMEN) and EUREKA Brokerage Event, Kallithea-Chalkidiki, Greece, pp. 363-372, 2005.

Mitsi S., Bouzakis K.-D., Sagris D., Mansour G. : A multi-objective optimum robot base placement usin a hybrid genetic algorithm. In the 9th IFToMM International Symposium "Theory of Machines and Mechanisms", SYROM 2005, Bucharest, Romania, September 1-4, 2005.

Mitsi S., Bouzakis K.-D., Sagris D., Mansour G. : A multi-objective optimum rodot base placement using a hybrid genetic algorithm. 2nd International Conference on Manufacturing Engineering (ICMEN) and EUREKA Brokerage Event, 5-7 October 2005, Kallithea-Chalkidiki, Greece, pp. 341-350.

Mitsi S., Bouzakis K.-D., Sagris D., Mansour G. : Geometric design optimization of spatial RR robot manipulator using a hybrid algorithm. 2nd International Conference on Manufacturing Engineering (ICMEN) and EUREKA Brokerage Event, 5-7 October 2005, Kallithea-Chalkidiki, Greece, pp. 373-380.

Mitsi S., Bouzakis K.-D., Sagris D., Mansour G., A Multi-objective Optimum Robot Base Placement Using a Hybrid Genetic Algorithm, 9th International Symposium on Theory of Machines and Mechanisms, pp., 709-714, Bucharest, Romania, 2005.

Mitsi S., K.D. Bouzakis, D. Sagris, G. Mansour, A Multi-Objective Optimum Robot Base Placement Using a Hybrid Genetic Algorithm, 2nd International Conference on Manufacturing Engineering (ICMEN), pp. 341-349, Kallithea-Chalkidiki, Greece, 2005.

Mitsi S., K.D. Bouzakis, G. Mansour, I. Popescu, Position Analysis in Polynomial Form of Assur Groups of Class 3 and Order 3 Including 2 or 3 Prismatic Joints, Part I, 2nd International Conference on Manufacturing Engineering (ICMEN), pp. 389-398, Kallithea-Chalkidiki, Greece, 2005.

Mitsi S., K.D. Bouzakis, G. Mansour, I. Popescu, Position Analysis in Polynomial Form of Assur Groups of Class 3 and Order 3 Including 2 or 3 Prismatic Joints, Part II, 2nd International Conference on Manufacturing Engineering (ICMEN), pp. 399-405, Kallithea-Chalkidiki, Greece, 2005.

Monks P., Borell P., Brandt J., Kanakidou M., Kathy L., Millan M., Moussiopoulos N. and Tarasova O., 2005, Transport and Transformation of Pollutants (T&TP), Proceedings of the ACCENT Symposium - The changing chemical climate of the atmosphere, Eds. Fuzzi S. and Maione M., URBINO, Italy, 12-16 September, CD-ROM edition.

Moussiopoulos N. and Builtjes P. J.H., 2005, Database on atmospheric model evaluation (DAME) in ACCENT, Proceedings of the 5th International Conference on Urban Air Quality, Valencia, Eds. Sokhi R., Milan M. and Moussiopoulos N., VALENCIA, Spain, 29-31 March, 139.

Moussiopoulos N. and Douros I., 2005, Application and development of the OFIS model in the framework of CITY-DELTA European exercise, Proceedings of the 5th International Exhibition and Conference on Environmental Technology, HELECO 05, Ed. Technical Chamber of Greece, ATHENS, Greece, 3-6 February, 30, CD-ROM edition.

Moussiopoulos N. and Vlachokostas Ch., 2005, The multi-pollutant cost-effectiveness emission reduction problem, Proceedings of the 5th International Exhibition and Conference on Environmental Technology, HELECO 05, Ed. Technical Chamber of Greece, ATHENS, Greece, 3-6 February, 154, CD-ROM edition.

Moussiopoulos N., Kalognomou E.-A., Van den Hout K.D., Larssen S., Mellios G., Samaras Z. and de Leeuw F.A.A.M., 2005, Determination of air pollutant emissions ceilings in street canyons - Street Emission Ceilings Exercise, Proceedings of the 2nd Environmental Conference of Macedonia, Ed. Nikolaou K., THESSALONIKI, Greece, 8-12 October, 31, CD-ROM edition.

Moussiopoulos N., Achillas H., Avramidis A., Boudouvas D., Giama E., Karagiannidis A., Papadopoulos A., Perkoulidis G., Sioris K. and Vlachos D., 2005, Cost analysis of the management of electr(on)ic products at the end of their useful life, Proceedings of the 9th International Conference of Environmental Science and Technology (T.D. Lekkas, ed.), Rhodes island, Greece, 1-3 September, A1032-1037, CD-ROM edition.

Moussiopoulos N., Achillas H., Avramidis A., Boudouvas D., Giama E., Karagiannidis A., Papadopoulos A., Perkoulidis G., Sioris K. and Vlachos D., 2005, Cost analysis of the management of electrical and electronic products at the end of their useful life, Proceedings of the 13th International Symposium of MESAEP on Environmental Pollution and its Impact on Life in the Mediterranean Region, Thessaloniki, Greece, 8-12 October, Book of Abstracts (K. Nikolaou, ed.), Schema & Chroma, ISBN: 960-88839-0-3, 166.

Moussiopoulos N., Achillas H., Avramidis A., Boudouvas D., Giama E., Karagiannidis A., Papadopoulos A., Perkoulidis G., Sioris K. and Vlachos D., Cost analysis of the management of electrical and electronic products at the end of their useful life, XV International Conference Transport 2005, Sofia, 174-189, 10-11 November 2005.

Moussiopoulos N., Barmpas Ph. and Ossanlis I., 2005, Dispersion modelling in the frame of the evaluation of the depollution effectiveness of photocatalytic wall coatings, Proceedings of the 5th International Exhibition and Conference on Environmental Technology, HELECO 05, Ed. Technical Chamber of Greece, ATHENS, Greece, 3-6 February, 32, CD-ROM edition.

Moussiopoulos N., Barmpas Ph., Vlachokostas Ch. and Ossanlis I., 2005, Comparison of experimental results and model simulations and cost-effectiveness assessment of photocatalytic covering techniques, Proceedings of the 9th Conference on Environmental Science and Technology - CEST 2005, Ed. Lekkas T.D., RHODES island, Greece, 1-3 September, 1038-1043, CD-ROM edition.

Moussiopoulos N., Douros I. and Vlachokostas Ch., 2005, Photochemical air pollution levels in Athens: analysis of the current situation and future projections with emphasis on the impact of shipping emissions, Proceedings of the 1st International Conference on Harbours and Air Quality, Eds. Canepa E. and Georgieva E., GENOA, Italy, 15-17 June, 173-181.

Moussiopoulos N., Douros I., Reis S. and Friedrich R., 2005, MERLIN: The study of urban air quality in 20 European cities, Proceedings of the 14th Symposium Transport and Air Pollution including COST 346, Eds. Sturm P. and Minarik S., GRAZ, Austria, 1-3 June, Vol. 85/I, 31-40.

Moussiopoulos N., Douros I., Reis S. and Friedrich R., 2005, MERLIN: The study of urban air quality in 20 European cities, Proceedings of the 9th Conference on Environmental Science and Technology - CEST 2005, Ed. Lekkas T.D., RHODES island, Greece, 1-3 September, 1044-1049, CD-ROM edition.

Moussiopoulos N., Douros I., Reis S., Friedrich R. and the MERLIN project team, 2005, Air quality in 20 European cities-Conclusions of MERLIN project, Proceedings of the 2nd Environmental Conference of Macedonia, Ed. Nikolaou K., THESSALONIKI, Greece, 8-12 October, 26, CD-ROM edition.

Moussiopoulos N., Douros I., Tsegas G., Fragkou E., Carvalho A., Aquilina N. and Borrego C., 2005, Meteorological simulations over the greater Athens area using MM5 and MEMO mesoscale models, Proceedings of the ACCENT Symposium - The changing chemical climate of the atmosphere, Eds. Fuzzi S. and Maione M., URBINO, Italy, 12-16 September, 172-181.

Moussiopoulos N., Kalognomou E.A., Douros I., Samaras Z., Giannouli M., Mellios G. (2005), "Air pollution levels at hotspot areas of selected European cities", Proceedings of the 10th International conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, Sissi, Crete, October 2005.

Moussiopoulos N., Kalognomou E.-A., Douros I., Samaras Z., Mellios G. and Giannouli M., 2005, Air pollution levels at hotspot areas of selected European cities, Proceedings of the 10th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, Eds. Skouloudis A., Kassomenos P. and Bartzis J., CRETE, Greece, 17-20 October, 283-287.

Moussiopoulos N., Kalognomou E.-A., Van den Hout K.D., Larssen S., Mellios G., Samaras Z. and de Leeuw F.A.A.M., 2005, The Street Emission Ceilings, SEC project, Proceedings of the 5th International Conference on Urban Air Quality, Eds. Sokhi R., Milan M. and Moussiopoulos N., VALENCIA, Spain, 29-31 March, 9.

Moussiopoulos N., Kalognomou E.-A. and Vlachokostas Ch., 2005, Street emission ceilings exercise, Proceedings of the 14th Symposium Transport and Air Pollution including COST 346, Eds. Sturm P. and Minarik S., GRAZ, Austria, 1-3 June, Vol. 85/I, 299-308.

Moussiopoulos N., Ossanlis I., Barmpas Ph. and Bartzis J., 2005, Comparison of Numerical and Experimental Results for the Evaluation of the Depollution Effectiveness of Photocatalytic Coverings in Street Canyons, Proceedings of 5th International Conference on Urban Air Quality, Valencia, Spain 29-31 March, 70.

Moussiopoulos N., Papathanassiou A., Barmpas Ph., Vlachokostas Ch., Eleftheriadou S. and Spiliotopoulos T., 2005, Street canyon model intercomparison exercise and validation study, Proceedings of the 10th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, Eds. Skouloudis A., Kassomenos P. and Bartzis J., CRETE, Greece, 17-20 October, 417-421.

Moussiopoulos N., Barmpas P. and Vlachokostas C., 2005, Photocatalytic innovative coverings applications for urban air quality improvement, Proceedings of the 2nd Environmental Conference of Macedonia, Ed. Nikolaou K., THESSALONIKI, Greece, 8-12 October, 32, CD-ROM edition.

Moussiopoulos N., Gobin C. and Vlachokostas Ch., 2005, Cost-effectiveness Assessment of Photocatalytic Covering Techniques, Proceedings of the 5th International Conference on Urban Air Quality, Eds. Sokhi R., Milan M. and Moussiopoulos N., VALENCIA, Spain, 29-31 March, 73.

Moutevelis P., Lianos L., Savaidis G., 2005, Finite element calculation of fatigue of fillet-welded components, Proceedings of 26th Conference on Mechanics of Materials, Thessaloniki.

Nastis A., Tsiouvaras C., Tzafeiropoulou K., Karagiannidis A., Rakimbei P., Theodoseli M., Moussiopoulos N. and Samaras P., 2005, Restoration of a closed landfill in the Efkarpia community within the broader Thessaloniki area: preliminary results, Proceedings of the 5th International Exhibition and Conference on Environmental Technology, HELECO 05, Ed. Technical Chamber of Greece, ATHENS, Greece, 3-6 February, 184, CD-ROM edition.

Nenes, G. and G. Tagaras, "The CUSUM Chart for Monitoring Short Production Runs," Proceedings of 5th International Conference on Analysis of Manufacturing Systems – Production Management, Zakynthos, pp. 43-50, 2005.

Nguyen T., Karagiannidis A., Bilitewski B., Theodoseli M., Reichenbach J. and Janz A., 2005, Planning of composting schemes for selected communities in Greece and Vietnam, Proceedings of the 12th International Symposium on Toxicity Assessment, Skiathos, Greece, 12-17 June, Book of Abstracts (A. Kungolos, ed.), Grafima Publications, ISBN 960-8806-6-3, 171, poster presentation.

Nitis T., Klaic Z.B. and Moussiopoulos N., 2005, Effects of Topography on the Urban Heat Island, Proceedings of the 10th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, Eds. Skouloudis A., Kassomenos P. and Bartzis J., CRETE, Greece, 17-20 October, 473-477.

Ntziachristos L., B. Giechaskiel, P. Pistikopoulos and Z. Samaras "Comparative Assessment of Two Different Sampling Systems for Particle Emission Type-Approval Measurements", Proceedings of the 2005 SAE International Congress, SAE paper 2005- 01-0198, Detroit Michigan, 2005.

Oxizidis S., Stylianou A., Avgelis A., Papadopoulos A.M. and Wemmers A. (2005), Evaluation of solar driven thermal systems for urban buildings, Proceedings of the 5th Exhibition and Conference on Environmental Technology, Athens, 3 – 6 February, 220 - 221

Oxizidis S., Wemmers A., Papadopoulos A.M., Avgelis A., Stylianou A., (2005) Evaluation of solar driven thermal systems for buildings, International Conference on Passive and Low Energy Cooling for the Built Environment, 19-21 May, Santorini, Greece, Vol. II, 657-662.

Papadopoulos A. M., Stylianou A. and Oxizidis S. (2005), Strategies for reducing air-conditioning demand in insular energy systems, Proceedings of the 36th Congress on Heating, Refrigeration and Air Conditioning, Belgrade, 30th November-02nd December

Papadopoulos A.M. (2005), On the implementation of the Energy Performance Directive in a real world, 26th AIVC Conference – Ventilation in Relation to the Energy Performance of Buildings, Proceedings of the Conference, Brussels, 21-26 September 2005, CD-ROM

Papadopoulos A.M., Avgelis A., Karamanos A., Hadiarakou S., Nikolopoulos Ch. and Pesmatzoglou H., (2005) Composite insulating materials as a tool for

the reduction of cooling loads, International Conference on Passive and Low Energy Cooling for the Built Environment, 19-21 May, Santorini, Greece, Vol. II, 803-808.

Papadopoulos A.M., Georgiadis P.E., Vlahocostas C. and Karagiannidis A., 2005, The Hellenic electricity production system: A system dynamics approach, Proceedings of the 1st Panhellenic Conference of Dipl. Mechanical - Electrical Engineers, (Panhellenic Society of Mechanical – Electrical Engineers, eds), Athens, Greece, 28-30 March, CD-ROM edition.

Papadopoulos A.M., Papageorgiou P.K. and Giama E. (2005) Energy conservation in the hotel sector, Proceedings of the 36th Congress on Heating, Refrigeration and Air Conditioning, Belgrade, 30th November-02nd December

Papadopoulos A.M., Stylianou A., Oxizidis S., (2005) On the impact of energy pricing policies on Low Energy Design of buildings, International Conference on Passive and Low Energy Cooling for the Built Environment, 19-21 May, Santorini, Greece, Vol. I, 279-284.

Papadopoulou S. A., Anastasiou I, Kokolaki G, Voutetakis S., Seferlis P., “Mathematical modeling and parameter estimation of a fluidized bed reactor for catalyst deactivation” Proceedings of the 5th Greek Chemical Engineering Conference, Thessaloniki, 2005.

Papadopoulou S., Kokolaki G., Anastasiou I., Voutetakis S., Seferlis P., “Modeling and parameter estimation of a catalyst deactivation fluidized bed reactor”, Proceedings of the 5th International Conference on Technology and Automation, Thessaloniki, 2005.

Papageorgiou P. K., Papadopoulos A.M., Zapounidis K., Partsalidou B., Paulou K. and Santamouris M. (2005), Regional energy centers in Europe, Proceedings of the 5th Exhibition and Conference on Environmental Technology, Athens, 3 – 6 February

Papakostas K.T. and Kyriakis N.A., 2005, Estimation of variable-base heating and cooling degree-day data from monthly average temperatures. Validation of the methodology in two Greek cities, 36th Congress on Heating, Refrigerating and Air-Conditioning., Union of Mechanical and Electrical Engineers and Technicians of Serbia (SMEITS), SMEITS, Belgrade, 52-59

Papalukopoulos, C. and Natsiavas, S., “Driver Biodynamics Coupled with Dynamics of Large Scale Vehicle Models,” Third International Conference on Whole-Body Vibration Injuries, Nancy, France, 2005.

Papalukopoulos, C., Giagopoulos, D. and Natsiavas, S., “Dynamics of Large Scale Vehicle Models Coupled with Driver Biodynamic Models,” 5th GRACM International Congress on Computational Mechanics, Limassol, Cyprus, 2005.

Papalukopoulos, C., Giagopoulos, D., Metallidis, P. and Natsiavas, S., “Comparison of Substructuring Methodologies in Large Scale Mechanical Models,” EURO DYN 2005 Conference, Paris, France, 2005.

Papalukopoulos, C., Metallidis, P. and Natsiavas, S., “Dynamics of Large Scale Mechanical Models with Substructuring Methodologies,” 5th European Nonlinear Oscillations Conference, Eindhoven, Netherlands, 2005.

Papathanassiou A., Douros I. and Moussiopoulos N., 2005, SEP-SCAM: A Simplified 3-Dimensional Approach in Street Canyon Modelling, Proceedings of the 5th International Conference on Urban Air Quality, Eds. Sokhi R., Milan M. and Moussiopoulos N., VALENCIA, Spain, 29-31 March, 123.

Papayno P., Galang A., Karagiannidis A., Bilitewski B., Theodoseli M., Reichenbach J. and Janz A., 2005, Planning of a management scheme for sanitary waste in Miriam College, Proceedings of the 12th International Symposium on Toxicity Assessment, Skiathos, Greece, 12-17 June, Book of Abstracts (A. Kungolos, ed.), Grafima Publications, ISBN 960-8806-6-3, 169, poster presentation.

Rac A., Bouzakis K.-D., Venci A., Tsouknidas A. : Tribological properties of thixoforming Al-alloy A356 and influence of heat treatment. 2nd International Conference on Manufacturing Engineering (ICMEN) and EUREKA Brokerage Event, 5-7 October 2005, Kallithea-Chalkidiki, Greece, pp. 509-516.

Rafailidis T., Iakovou E., 2005, Campaign Planning for Manufacturing Supply Chains, 2nd ICMEN Conference, Chalkidiki, Greece, 5-7.10.05, 845-854.

Rakimbei P., Tzafeiropoulou K., Karagiannidis A., Tsiouvaras C., Tsiroidis V., Samaras P., Keramidas V., Nastis A., 2005, Inventory of the accumulated pollution in the uncontrolled landfill of Eukarpia, Proceedings of the 12th International Symposium on Toxicity Assessment, Skiathos, Greece, 12-17 June, Book of Abstracts (A. Kungolos, ed.), Grafima Publications, ISBN 960-8806-6-3, 177.

Sanida G. and Karagiannidis A., 2005, Medical waste management in 2nd regional health and welfare authority, Proceedings of the 12th International Symposium on Toxicity Assessment, Skiathos, Greece, 12-17 June, Book of Abstracts (A. Kungolos, ed.), Grafima Publications, ISBN 960-8806-6-3, 175, poster presentation.

Savaidis G., 2005, Fatigue Analysis of a Commercial Vehicle Axle Body using the Short Crack Model Proceedings of 11th International Conference on Fracture, Turin, 552.

Savaidis G., 2005, Fatigue behavior of welded structures of bus frames, In: Symposium on Structural Durability in Darmstadt, Ed. Sonsino C.M., Darmstadt, 145-158.

Savaidis G., Bauer W., Bayer M., Streicher M., 2005, Untersuchungen zum Werkstoff- und Fertigungseinfluss auf die Schwingfestigkeit geschweißter Omnibusstrukturteile, Proceedings of Fügen und Betriebsfestigkeit, DVM, Rüsselsheim, 187-196.

Savaidis G., Bayer M., Bauer W., Streicher M., 2005, Schwingfestigkeitsstreuung serienge-schweißter Busknoten, Proceedings of Festigkeit gefügter Bauteile, Braunschweig.

Savaidis G., Savaidis A., Salpistis C., Mihailidis A., 2005, Experimental and numerical investigations on the failure behavior of welded structures under cyclic loading. Proc. of the 2nd Int. Conf. on Manufacturing Engineering, Kallithea, Greece 2005, pp. 205-214.

Schuepbach E., Aarflot A., Silvio B., Jacob M., Kobernus M. J., Moussiopoulos N. and Ubelis A., 2005, Atmospheric composition change is fun: Learning and teaching within a network of excellence, Proceedings of the ACCENT Symposium - The changing chemical climate of the atmosphere, Eds. Fuzzi S. and Maione M., URBINO, Italy, 12-16 September, 154-157.

Seferlis P., N. Dalaouti, E. Y. Kenig, B. Huepen, P. Patil, M. Jobson, J. Klemeš, P. Proios, M. C. Georgiadis, E. N. Pistikopoulos, S. Singare, C. S. Bildea, J. Grievink, P. J. T. Verheijen, M. Hostrup, P. Harper, G. Vlachopoulos, C. Kerasidis, J. Katsanevakis, D. Constantinidis, P. Stehlik, and G. Fernholz "Modelling and Optimisation of Industrial Absorption Processes: An EC Collaborative Research Project", L. Puigjaner, A. Espuna, Eds, European Symposium on Computer Aided Process Engineering-15, 1525-1530, 2005.

Sidiropoulos C., Ikonopoulou A., Stratioti A., Tsilingiridis G., 2005, Comparison of typical LTO-Cycle emissions with aircraft engine- and airport-specific emissions for Greek airports. Proc. '9th Int. Conference on Environmental Science and Technology', pp. B865-B870, ISSN 1106-5516, Un. of Aegean - GlobalNEST, Rhodes, Greece, Sept. 1-3, 2005.

Slini Th., Karatzas K., and Moussiopoulos N., 2005, Ozone Forecasting supported by Data Mining Statistical Methods, Proceedings of the 5th International Conference on Urban Air Quality, Eds. Sokhi R., Milan M. and Moussiopoulos N., VALENCIA, Spain, 29-31 March, 65.

Theodosiou G., Koroneos C. and Moussiopoulos N., 2005, Environmental impacts of the domestic use of different energy forms, Proceedings of the 5th International Exhibition and Conference on Environmental Technology, HELECO 05, Ed. Technical Chamber of Greece, ATHENS, Greece, 3-6 February, 104, CD-ROM edition.

Thomas A.V., Borrego C., Grewe V., Issaksen I. and Moussiopoulos N., 2005, Model Quality Assurance in ACCENT, Proceedings of the 5th International Conference on Urban Air Quality, Valencia, Eds. Sokhi R., Milan M. and Moussiopoulos N., VALENCIA, Spain, 29-31 March, 138.

Tsatsarelis T., Perkoulidis G., Karagiannidis A. and Moussiopoulos N., 2005, Promoting integrated tools for landfill restoration: the case of Kozani prefecture in the region of Western Macedonia, Proceedings of the 9th Conference on Environmental Science and Technology - CEST 2005, Ed. Lekkas T.D., RHODES island, Greece, 1-3 September, 1477-1482, CD-ROM edition.

Tsiafis I., Bouzakis K.-D., Michailidis N., Asimakopoulos A., Korlos A. : Experimental-computational investigation of epoxy resins mechanical properties in assembly applications. 2nd International Conference on Manufacturing Engineering (ICMEN) and EUREKA Brokerage Event, 5-7 October 2005, Kallithea-Chalkidiki, Greece, pp. 429-440.

Tsiafis I., Bouzakis K.-D., Michailidis N., Asimakopoulos A., Korlos A., Experimental-computational investigation of epoxy resins mechanical properties in assembly applications. 2nd International Conference on Manufacturing Engineering (ICMEN) and EUREKA Brokerage Event, 5-7 October 2005, Kallithea-Chalkidiki, Greece, pp. 429-440, 2005.

Tsiafis I., Bouzakis K.-D., Asimakopoulos A., Michailidis N., Korlos A., Epoxy resin mechanical properties determination in assembly applications by means of FEM simulations, 5th International Conference on Tribology (BALKANTRIB'05), June 15-18, Kragujevac-Serbia and Montenegro, pp. 101-106, 2005.

Tsitsamis D., Iakovou E., Vlachos D., 2005, Decision-Making in Container Terminal Operations: A Hierarchical and Comprehensive Framework, 3rd International Workshop on Supply Chain Management and Information Systems: Proceedings of SCMIS 2005, Thessaloniki, Greece, 6-8.07.05, 452-462.

Valaouris G., Mamantzis D., Vlachos D., Efficient Algorithms for the Solution of the Trim Optimization Problem, 2nd ICMEN Conference, 877-886, Chalkidiki, 5-7 October 2005.

Vardoulakis S., Dimitrova R., Richards K., Hamlyn D., Camilleri G., Weeks M., Sini J.-F., Britter R., Borrego C., Schatzmann M. and Moussiopoulos N., 2005, Numerical model inter-comparison for a single block building within ATREUS, Proceedings of the 10th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, Eds. Skouloudis A., Kassomenos P. and Bartzis J., CRETE, Greece, 17-20 October, 302-306.

Verros, G., Georgiou, G. and Natsiavas, S., "Dynamics and Optimization of Quarter Car Models with Passive or Semi-Active Suspension," 9th International Conference on Energy and Environment, Cairo, Egypt, 2005.

Verros, G., Georgiou, G. and Natsiavas, S., "Multi-Objective Optimization of Quarter Car Models with Linear and Piecewise Linear Suspension Dampers," 20th Biennial ASME Conference on Mechanical Vibration and Noise, Long Beach, California, 2005.

Verros, G., Georgiou, G. and Natsiavas, S., "Multi-Objective Optimization of Vehicle Models with Passive and Semi-Active Suspensions," 5th European Nonlinear Oscillations Conference, Eindhoven, Netherlands, 2005.

Vlachos D., Tsitsamis D., Iakovou E., Georgiadis P., 2005, A Methodological Framework for the Strategic Management of Ports' Container Terminals, 9th Panhellenic Logistics Conference 2005, Thessaloniki, 25-26.11.05.

Vouitsis E., B. Giechaskiel, L. Ntziachristos and Z. Samaras "Investigation on the formation and growth of nucleation mode particles in diesel exhaust" Proceedings of the European Aerosol Conference (EAC 2005), Ghent, Belgium, August 28 to September 2, 2005.

Xanthopoulos A., Iakovou E., 2005, Environmentally-Conscious Manufacturing, Supply Chain Disassembly & Reverse Logistics, 2nd ICMEN Conference, Chalkidiki, Greece, 5-7.10.05, 867-876.

Xirogiannopoulou A., Karagiannidis A. and Moussiopoulos N., 2005, Variable rate pricing of solid waste management in Greece: Preliminary results from an applicability study, Proceedings of the 1st Panhellenic Conference of Dipl. Mechanical - Electrical Engineers, (Panhellenic Society of Mechanical – Electrical Engineers, eds), Athens, Greece, 28-30 March, CD-ROM edition.

- Z. Vlahostergios, A. Sotiropoulos, K. Yakinthos, A. Goulas Experience in Parallelizing a CFD solver for execution in a parallel environment. 10th Panhellenic Congress in Informatics, 2005.
- Zikopoulos, C. and G. Tagaras, "On the Location of Sorting Operations in a Single-Period Remanufacturing Setting," Proceedings of 5th International Conference on Analysis of Manufacturing Systems – Production Management, Zakynthos, pp. 145-152, 2005.
- Zygouras M. and Karagiannidis A., 2005, Municipal sewage sludge management', Proceedings of the 12th International Symposium on Toxicity Assessment, Skiathos, Greece, 12-17 June, Book of Abstracts (A. Kungolos, ed.), Grafima Publications, ISBN 960-8806-6-3, 174, poster presentation.
- Zygouras M. and Karagiannidis A., 2005, Results from a pilot plant for recycling of construction and demolition wastes, Proceedings of the 5th International Exhibition and Conference on Environmental Technology - HELECO 05 (Technical Chamber of Greece, ed.), Athens, Greece, 3-6 February, CD-ROM edition.
- Bouzakis K.-D., Mitsi S., Michailidis N., Mirisidis I., Mesomeris G., Maliaris G., Korlos A., Kapetanios G., Antonarakos P., Anagnostidis K., Loading simulation of lumbar spine vertebrae during a compression test using the finite elements method and trabecular bone strength properties, determined by means of nanoindentations, 1st International Hellenic Conference of Mechanical and Electrical Engineers, Athens, 2005.
- Βέρρος, Γ., Μεταλλίδης, Π., Γεωργίου, Γ., Σικέλης, Κ. και Νατσιάβας, Σ., "Εφαρμογή Μεθόδων Πολυκριτηριακής Βελτιστοποίησης στη Δυναμική Οχημάτων," Πρώτο Πανελλήνιο Συνέδριο Μηχανολόγων-Ηλεκτρολόγων, Αθήνα, 2005.
- Βλάχος Δ., Τσιτσάμης Δ., Ιακώβου Ε., Γεωργιάδης Π., Ένα Μεθοδολογικό Πλαίσιο για την Στρατηγική Διοίκηση Σταθμών Εμπορευματοκιβωτίων Λιμένων, 9ο Πανελλήνιο Συνέδριο Logistics 2005, Θεσσαλονίκη, 25-26 Νοεμβρίου 2005 (πρακτικά σε ηλεκτρονική μορφή).
- Γεωργιάδης Π., Βλάχος Δ., Μιχαλούδης Χ., Μεθοδολογικό Πλαίσιο Διαχείρισης Κινδύνου με χρήση Δυναμικής Συστημάτων, 17ο Εθνικό Συνέδριο Επιχειρησιακής Έρευνας, Πάτρα, 16-18 Ιουνίου 2005 (τα πρακτικά δεν έχουν εκδοθεί ακόμη).
- Γεωργιάδης Π., 2005, Δυναμικό Πρότυπο Διερεύνησης της Επίδρασης Περιβαλλοντικών Παραμέτρων σε Αλυσίδες με Επιστρεφόμενα Προϊόντα, Πρακτικά 1ου Πανελληνίου Συνεδρίου Μηχανολόγων Ηλεκτρολόγων, ΠΣΔΜ-Η, Αθήνα, (πρακτικά σε ηλεκτρονική μορφή).
- Γεωργιάδης Π., Αθανασίου Ε., 2005, Δυναμική Συμπεριφορά Εφοδιαστικών Αλυσίδων με Περιορισμένη Δυναμικότητα Παραγωγής και Διανομής, Πρακτικά 17ου Εθνικού Συνεδρίου Ελληνικής Εταιρίας Επιχειρησιακών Ερευνών, Ρίο Πάτρας, (πρακτικά σε ηλεκτρονική μορφή).
- Γεωργιάδης Π., Μπέσιου Μ., Ιακώβου Ε., 2005, Δυναμικό Πρότυπο Αντίστροφης Εφοδιαστικής Αλυσίδας υπό το πρίσμα της Αειφόρου Ανάπτυξης και Περιβαλλοντικών Παραμέτρων, Πρακτικά 17ου Εθνικού Συνεδρίου

Ελληνικής Εταιρίας Επιχειρησιακών Ερευνών, Ρίο Πάτρας, (πρακτικά σε ηλεκτρονική μορφή).

Γεωργιάδης Π., Πολίτου Α., 2005, Σχεδίαση Δυναμικότητας σε Αντίστροφες Εφοδιαστικές Αλυσίδες με τη Θεωρία των Περιορισμών: Προσέγγιση με Δυναμική Συστημάτων, Πρακτικά 17ου Εθνικού Συνεδρίου Ελληνικής Εταιρίας Επιχειρησιακών Ερευνών, Ρίο Πάτρας, (πρακτικά σε ηλεκτρονική μορφή).

Γεωργιάδης Π., Πολίτου Α., Λαγκάζαλης Κ., 2005, Προγραμματισμός Παραγωγής κατά Παρτίδες σε Περιβάλλον Παραγωγής Φαρμακοβιομηχανιών, Πρακτικά 1ου Πανελληνίου Συνεδρίου Μηχανολόγων Ηλεκτρολόγων, ΠΣΔΜ-Η, Αθήνα, (πρακτικά σε ηλεκτρονική μορφή).

Ιακώβου Ε. Βλάχος Δ., Ψωινός Δ., Ένα Μεθοδολογικό Πλαίσιο για την Δημιουργία Μνήμης Οργανισμού με τη Χρήση Διαχείρισης Γνώσης, 1ο Συνέδριο Διοικητικών Επιστημόνων, Διοικητική Θεωρία και Πράξη – Διοίκηση και Κοινωνία, Αθήνα, 6-7 Οκτωβρίου 2005 (τα πρακτικά δεν έχουν εκδοθεί ακόμη).

Ιακώβου, Βλάχος Δ., Ασφάλεια και Διαχείριση Εφοδιαστικών Αλυσίδων: Οργανωτικές και Τεχνολογικές Λύσεις, Τάσεις και Προοπτικές, 1ο Πανελλήνιο Συνέδριο Μηχανολόγων Ηλεκτρολόγων, ΠΣΔΜ-Η, Αθήνα 28-30 Μαρτίου 2005 (πρακτικά σε ηλεκτρονική μορφή).

Κ. Καρατζάς, Θ. Θεοδουλίδης και Α. Μπασούκος (2005), Μελέτη και σχεδίαση μη καταστροφικών ελέγχων με χρήση διαδικτύου, 1ο Πανελλήνιο Συνέδριο ΠΣΔΜΗΜ, Αθήνα, 19-21 Ιανουαρίου 2005

Καπράρα Α., Μασούρας Α., Καρατζάς Κ., Μπασούκος Α. και Τσιπάς Δ.Ν. (2005), Διαδικτυακά συστήματα υποστήριξης εκπαίδευσης για Μηχανικούς, 1ο Πανελλήνιο Συνέδριο ΠΣΔΜΗΜ, Αθήνα, 19-21 Ιανουαρίου.

Καραμάνος Α.Κ., Γιαμά Ε., Χαδιαράκου Σ. και Παπαδόπουλος Α.Μ. (2005) Η ΘΕΡΜΙΚΗ ΠΡΟΣΤΑΣΙΑ ΤΟΥ ΚΤΙΡΙΑΚΟΥ ΚΕΛΥΦΟΥΣ ΚΑΙ Ο ΡΟΛΟΣ ΤΩΝ ΘΕΡΜΟΜΟΝΩΤΙΚΩΝ ΥΛΙΚΩΝ ΝΕΑΣ ΓΕΝΙΑΣ, 1ο Πανελλήνιο Συνέδριο Μηχανολόγων – Ηλεκτρολόγων, CD rom, 28-30.03.05, Αθήνα

Μαρτινόπουλος Γ., Τσιλιγκιρίδης Γ., 2005, Ενεργειακά και περιβαλλοντικά οφέλη από τη χρήση ηλιακών θερμοσιφωνικών συστημάτων στην Ελλάδα για την περίοδο 1978-2001. Πρακτικά 3ου Εθνικού Συνεδρίου «Η Εφαρμογή των ΑΠΕ - Προοπτικές και προτεραιότητες προς το στόχο του 2010», σ. 359-363, Αθήνα, 23-25 Φεβρουαρίου 2005.

Μήτση Σ., Μπουζάκης Κ.,-Δ., Σαγρής Δ., Μανσούρ Γ., Προσδιορισμός βέλτιστης θέσης τοποθέτησης της βάσης ενός ρομπότ με τη βοήθεια υβριδικού αλγόριθμου, 1ο Πανελλήνιο συνέδριο Μηχανολόγων-Ηλεκτρολόγων, Αθήνα 2005.

Μήτση Σ., Μπουζάκης Κ.,-Δ., Σαγρής Δ., Μανσούρ Γ., Προσδιορισμός βέλτιστης θέσης τοποθέτησης της βάσης ενός ρομπότ με τη βοήθεια υβριδικού αλγόριθμου, 1ο Πανελλήνιο συνέδριο Μηχανολόγων-Ηλεκτρολόγων, Αθήνα 2005.

Μπουζάκης Κ. Δ., Τσιάφης Ι., Πετρίδου Χ., Σαμψωνίδης Δ., Υψηλής ακρίβειας συναρμολόγηση και μετρήσεις θαλάμων ανίχνευσης μιονίων, του φασματόμετρου του πειράματος ATLAS στο ευρωπαϊκό κέντρο πυρηνικών

ερευνών (CERN) , 1ο Πανελλήνιο Συνέδριο Μηχανολόγων – Ηλεκτρολόγων Αθήνα 28-30 Μαρτίου 2005, C103, 2005.

Μπουζάκης Κ.-Δ., Ανδρεάδης Γ. Βακάλη Α., 2005, Περιγραφή μηχανουργικών τεμαχίων μέσω XML, με σκοπό τον αυτόματο προσδιορισμό φάσεων κατεργασιών, Πρακτικά 7ου Συνεδρίου ΕΕΔΜ, Θεσσαλονίκη, 331-340

Μπουζάκης Κ.-Δ., Ανδρεάδης Γ., Βακάλη Α., Καραπιδάκης Ε., 2005, Σχεδίαση – Κατασκευή μηχανουργικών τεμαχίων μέσω Internet, Πρακτικά 7ου Συνεδρίου ΕΕΔΜ, Θεσσαλονίκη, 323-330

Μπουζάκης Κ.-Δ., Μήτση Σ., Μιχαηλίδης Ν., Ι. Μυρισίδης, Γ. Μεσομήρης, Μάλιαρης Γ., Α. Κορλός, Γ. Καπετάνος, Π. Αντωνάρακος, Κ. Αναγνωστίδης, Προσομοίωση της συμπίεσης σπονδύλου με τη βοήθεια της μεθόδου των πεπερασμένων στοιχείων και υπολογισμός των μηχανικών ιδιοτήτων σπογγώδους οστού μέσω νανοδιεισδύσεων, 1ο Πανελλήνιο Συνέδριο Διπλ. Μηχανολόγων-Ηλεκτρολόγων, 28-30 Μαρτίου, Αθήνα, 2005.

Ντζιαχρήστος Λ., Ζ. Σαμαράς, Κ. Πάττας “Μελέτη λειτουργίας μίας υβριδικής εγκατάστασης ανεμογεννήτριας και κυψέλης καυσίμου στο μη διασυνδεδεμένο νησιωτικό δίκτυο”, Πρακτικά 1ου Πανελληνίου Συνεδρίου Συλλόγου Διπλωματούχων Μηχανολόγων – Ηλεκτρολόγων, 28-30 Μαρτίου 2005, Αθήνα.

Παπαγεωργίου Κ.Π., Αυγελής Α., Παπαδόπουλος Α.Μ. (2005), ΚΑΛΥΨΗ ΨΥΚΤΙΚΩΝ ΦΟΡΤΙΩΝ ΣΤΑ ΚΤΙΡΙΑ ΥΠΟ ΤΟ ΠΡΙΣΜΑ ΤΗΣ ΑΠΕΛΕΥΘΕΡΩΣΗΣ ΤΗΣ ΑΓΟΡΑΣ ΗΛΕΚΤΡΙΚΗΣ ΕΝΕΡΓΕΙΑΣ, 1ο Πανελλήνιο Συνέδριο Μηχανολόγων – Ηλεκτρολόγων, CD rom, 28-30.03.05, Αθήνα

Παπαγεωργίου Κ.Π., Παπαδόπουλος Α.Μ., Ζαπουνίδης Κ.Χ., Παρτσαλίδου Α.Π., Παύλου Γ.Κ., Σανταμούρης Μ. (2005), Οι ανανεώσιμες πηγές και η εξοικονόμηση ενέργειας μέσα από τα ενεργειακά συμβουλευτικά κέντρα, 3ο Εθνικό Συνέδριο RENES, 23-25.02.05, Αθήνα

Παπαδόπουλος Α.Μ., Γεωργιάδης Π.Ε., Βλαχοκώστας Χ.Γ. και Καραγιαννίδης Α. (2005) ΤΟ ΕΛΛΗΝΙΚΟ ΣΥΣΤΗΜΑ ΗΛΕΚΤΡΟΠΑΡΑΓΩΓΗΣ:ΜΙΑΜΙΙΙ ΜΙΑ ΠΡΟΣΕΓΓΙΣΗ ΜΕΣΩ ΔΥΝΑΜΙΚΗΣ ΣΥΣΤΗΜΑΤΩΝ, 1ο Πανελλήνιο Συνέδριο Μηχανολόγων – Ηλεκτρολόγων, CD – ROM, 28-30.03.05, Αθήνα

Παπαδόπουλος Α.Μ., Παπαγεωργίου Π.Κ. (2005), Οικονομοτεχνική προσέγγιση μετατροπής βυζαντινού μετοχίου σε μουσείο, Διεθνές Επιστημονικό Συμπόσιο Διαχείριση συλλογών, μουσείων και αρχαιολογικών χώρων, Θεσσαλονίκη, 02.12.05

Παπαλουκόπουλος, Χ., Γιαγκόπουλος, Δ., Σταυράκης, Ι., Θεοδοσίου, Χ. και Νατσιάβας, Σ., “Εφαρμογή Μεθοδολογιών Σύνθεσης Υποκατασκευών σε Πολύπλοκα Μηχανικά Συστήματα,” Πρώτο Πανελλήνιο Συνέδριο Μηχανολόγων-Ηλεκτρολόγων, Αθήνα, 2005.

Σαμψωνίδης Δ., Πετρίδου Χ., Τσιάφης Ι., Μπουζάκης Κ.-Δ., Κατασκευή και έλεγχος Υψηλής Ακρίβειας Θαλάμων σωλήνων ολίσθησης για το μιονικό Φασματόμετρο ATLAS, 1ο Τακτικό Εθνικό Συνέδριο Μετρολογίας, “metrology 2005”, ΑΘΗΝΑ 11-12 Νοεμβρίου 2005, Ε.ΚΕ.Φ.Ε. ΔΗΜΟΚΡΙΤΟΣ σελ. 164 – 173, 2005.

Tsiafis I., Bouzakis K.-D., Asimakopoulos A., Michailidis N., Korlos A., Epoxy resin mechanical properties determination in assembly applications by means of FEM simulations, 5th International Conference on Tribology (BALKANTRIB'05), June 15-18, 2005, Kragujevac-Serbia and Montenegro, pp. 101-106.

Tsiafis I., Bouzakis K.-D., Michailidis N., Asimakopoulos A., Korlos A., Experimental – computational investigation of epoxy resins mechanical properties in assembly applications, Proceedings of 2nd International Conference on Manufacturing Engineering ICMEN, 5-7 October 2005, Kallithea-Halkidiki-Greece, ZITI Editions Thessaloniki, 2005, pp: 429-440.

Ταγαράς, Γ. και Σ. Παναγιωτίδου, "Βέλτιστη Πολιτική Προληπτικής Συντήρησης Εξοπλισμού με δύο Καταστάσεις Λειτουργίας, " Πρακτικά 1ου Πανελληνίου Συνεδρίου Μηχανολόγων – Ηλεκτρολόγων, Αθήνα, 2005 (σε ηλεκτρονική μορφή). Αναδημοσίευση στο Δελτίο Π.Σ.Δ.Μ.-Η., τεύχος 383 (Δεκέμβριος 2005-Ιανουάριος 2006), σελ. 34-41.

Τσιλιγκιρίδης Γ., Μαρτινόπουλος Γ., Κυριάκης Ν., 2005,: Διερεύνηση των περιβαλλοντικών επιπτώσεων από τη χρήση ηλιακών θερμοσιφωνικών συστημάτων στην Ελλάδα. Ε-Πρακτικά 1ου Πανελληνίου Συνεδρίου Μηχανολόγων – Ηλεκτρολόγων, Α128, Αθήνα 28-30 Μαρτ. 2005.

Ψωινός Δ., Γεωργιάδης Π., Βλάχος Δ., Καράτσης Ι., Διερεύνηση και αποτελεσματικότητα εναλλακτικών πολιτικών πρόσληψης μελών Δ.Ε.Π. στα Α.Ε.Ι. με χρήση δυναμικού προτύπου, 17ο Εθνικό Συνέδριο Επιχειρησιακής Έρευνας, Ρίο Πάτρας, 16-18.06.05.

2006

Bilitewski B., Reichenbach J., Karagiannidis A. and Theodoseli M., 2006, Waste paper mass flows in Greece, Proceedings of the 2nd National Conference and Exhibition of the Hellenic Solid Waste Management Association, Athens, Greece, 3-4 February, CD-ROM edition.

Bollas G.M., S. Avramidis, S.A. Papadopoulou, A.A. Lappas, S.S. Voutetakis, and P. Seferlis. "Model Predictive Control of a Fluid Catalytic Cracking Pilot Plant", 9th Conference on Process Integration, Modelling and Optimisation for Energy Saving and Pollution Reduction, PRES'06, Proceedings, 2006.

Bollas G.M., S.A. Papadopoulou, A.A. Lappas, S.S. Voutetakis, P. Seferlis, and I.A. Vasalos. "Application of a model predictive control strategy on a fluid catalytic cracking pilot plant", 2006 AIChE Annual Meeting Proceedings, 2006.

Bouzakis K.-D., Anastopoulos J., Asimakopoulos A., Michailidis N., Erkens G.: Wear development of cemented carbide inserts coated with mono and multilayer PVD films, considering their strength properties, adhesion and the cutting loads. Surface and Coatings Technology, Volume 201, Issue 7, 2006, pp. 4395-4400.

Bouzakis K.-D., Anastopoulos J., Asimakopoulos A., Michailidis N., Wear development of cemented carbide inserts coated with mono and multilayer PVD films, considering their strength properties, adhesion and the cutting

loads, 33rd International Conference on Metallurgical Coatings and Thin Films (ICMCTF), May 1-5, 2006, San Diego, CA, USA.

Bouzakis K.-D., Anastopoulos J., Asimakopoulos A.: Wear development of cemented carbide inserts coated with mono and multi-Layer PVD films, considering their strength properties and the cutting loads. International Conference on Metallurgical Coatings and Thin Films, May 1, 2006, S. Diego, U.S.A.

Bouzakis K.-D., Andreadis G., Vakali A., Katsonis P., 2006, "A decentralized agent-based framework for mechanical design and manufacture", 39th CIRP International Seminar on Manufacturing Systems, June 7th – 9th, Ljubljana, Slovenia

Bouzakis K.-D., Asimakopoulos A., Skordaris G., Michailidis N., Erkens G.: Coating failure modes investigated by the impact test at room and elevated temperatures. 10th International Conference on Plasma Surface Engineering "PSE", Garmisch-Partenkirchen, Germany, 2006, pp. 506.

Bouzakis K.-D., Asimakopoulos A., Skordaris G., Michailidis N., Erkens G.: Coating failure modes investigated by the impact test at room and elevated temperatures. 10th International Conference on Plasma Surface Engineering "PSE", Garmisch-Partenkirchen, Germany, 2006, pp. 506.

Bouzakis K.-D., Lili E., Sampris A., Michailidis N., Maliaris G., Kompogiannis S., Impact test on PVD-coatings and on various substrates at elevated temperatures. International Conference on Metallurgical Coatings and thin films "ICMCTF", Town and Country Hotel, San Diego, California, May 2-6, USA, pp. 21, 2005.

Bouzakis K.-D., Michailidis N., Indenter surface area and hardness determination by means of a FEMsupported simulation of nanoindentation at low penetration depths. International Conference on Metallurgical Coatings and thin films "ICMCTF", Town and Country Hotel, San Diego, California, May 2-6, USA, pp. 13, 2005.

Bouzakis K.-D., Michailidis N.: Evaluation of nanoindenter area functions through eprirical-analytical methodologies and by means of a FEM-based algorithm. 10th International Conference on Plasma Surface Engineering "PSE", Garmisch-Partenkirchen, Germany, 2006, pp. 509.

Bouzakis K.-D., Michailidis N.: Evaluation of nanoindenter area functions through eprirical-analytical methodologies and by means of a FEM-based algorithm. 10th International Conference on Plasma Surface Engineering "PSE", Garmisch-Partenkirchen, Germany, 2006, pp. 509.

Bouzakis K.-D., Mirisidis I., Michailidis N., G.Skordaris, Efstathiou K., Erkens G., High performance milling by coated tools and increased feed rates, 2nd CIRP International Conference on High Performance Cutting, Vancouver, Canada, CD-Rom proceedings, June 12-13, 2006.

Bouzakis K.-D., Mirisidis I., Skordaris G., Michailidis N., Erkens G. : Wear development of coated tools with various PVD films, at increased cutting speeds and feed rates. 10th International Conference on Plasma Surface Engineering "PSE", Garmisch-Partenkirchen, Germany, 2006, pp. 172.

Bouzakis K.-D., Mirisidis I., Skordaris G., Michailidis N., Erkens G. : High performance cutting with coated tools at increased cutting speeds and feed rates. 2nd CIRP Conference on High Performance Cutting, Vancouver, Canada, 2006.

Bouzakis K.-D., Skordaris G., Mirisidis I., Michailidis N., Cutting performance improvement through Micro-blasting on well-adherent PVD films on cemented carbides inserts. International Conference on Metallurgical Coatings and thin films "ICMCTF", Town and Country Hotel, San Diego, California, May 2-6, USA, pp. 5, 2005.

Brüning J., Hertel O., Vormwald M., Savaidis G., 2006, Fatigue crack growth at notches considering plasticity induced closure, Proceedings of 16th European Conference of Fracture, Ed. E.E. Gdoutos, Alexandroupolis, 245-246.

Chadiarakou S., Santamouris M. and Papadopoulos A.M. (2006) The importance of insulation materials in the reduction of the buildings' thermal losses, Energy Performance and Environmental Quality of Buildings, Milos island, 06-07.06, CD-Rom

Chadiarakou S., Santamouris M., Papadopoulos A. (2006), The importance of insulation on the buildings' thermal losses, CLIMAMED Congress, Lyon, 20-21.11.06, 325-332

Daniilia Sister, Sotiropoulou S., Karagiannis G., Salpistis C., Bikiaris D., 2006, The Pathology of the Wall Paintings in the Protaton Church, Mount Athos, Greece, Icon and Portrait International Conference ICOM-CC-WOOD, Furniture and Lacquer, Egypt, September 18-20, 2006. The conference is organised by the ICOM-CC-Wood committee.

Fontaras G., Mamakos A., Ntziachristos L., Miltsios G. and Samaras Z. "Evaluation of Cottonseed Oil – Diesel Fuel Blends as Fuel for Automotive Diesel Engines", FISITA Paper 2006P380, Yokohama Japan, October 2006.

Fontaras G., S. Geivanidis, Z. Samaras "Development and evaluation of hybrid vehicle emission and fuel consumption factors based on measurements over real world cycles", Proceedings of the 15th Transport and Air Pollution Conference, Reims, France 12-14 June 2006.

Frey M., Wenninger G., Krutzsch B., Koltsakis G.C, Haralampous O., Samaras Z. C., 2D Simulation of the Regeneration Performance of a Catalysed DPF for Heavy-Duty Applications., Ανακοίνωση στο Συνέδριο Catalysis and Automotive Pollution Control (CAPOC) 7, Brussels, Αύγουστος 2006.

Geller M., C. Sioutas, L. Ntziachristos, A. Mamakos, Z. Samaras and J. Froines "Physicochemical and Toxicological Characteristics of Particulate Matter (PM) Emitted from Light Duty Gasoline and Diesel Passenger Vehicles", 2006 International Aerosol Conference, St. Paul, Minnesota, USA, 10-15 September, 2006.

Giagopoulos, D., Metallidis, P. and Natsiavas, S., "Hybrid Modeling of Complex Structures Involving Nonlinear Components," Eleventh Conference on Nonlinear Vibrations, Stability and Dynamics of Structures, Blacksburg, Virginia, 2006.

Giama E., Papadopoulos A.M., (2006), Integrated evaluation of buildings for energy efficiency: a case study in office buildings, International Conference on Improving Energy Efficiency in Commercial Buildings, IE ECB'06, Frankfurt, Germany, 26 - 27 April 2006. CD-rom

Giama E., Papadopoulos A.M., Ioannidis I., (2006), "Energy audits: A management tool towards building's labelling", Healthy Buildings 2006, 4-8 June, Lisboa, Portugal. CD-rom

I. Tsiafis, K.- D. Bouzakis, D. Sampsonidis, C. Petridou, Analysis of the x-ray tomograph results from two BIS chambers for the atlas muon spectrometer and improvements of the construction procedure, 8TH International conference on Mechatronics and Precision Engineering COMEFIM'8, 8-10 June 2006, CLUS-NAPOCA, APPLIED MATHEMATICS AND MECHANICS 49, VOL.III pp: 651-662., 2006

Ioannis N. Athanasiadis, Kostas Karatzas and Pericles A. Mitkas (2006) Classification techniques for air quality forecasting, BESAI 2006 Workshop on Binding Environmental Sciences and Artificial Intelligence, part of the 17th European Conference on Artificial Intelligence (EAI 2006), August 28th-September 1st, 2006. Riva del Garda, Italy

Joumard R., J. Laurikko, S. Geivanidis, Z. Samaras, Z. Oláh, P. Devaux, J-M. André, E. Cornelis, L. Boulanger, S. Lacour, M.-V. Prati and R. Vermeulen "Accuracy of exhaust emissions measurements on vehicle bench", Proceedings of the 15th Transport and Air Pollution Conference, Reims, France 12-14 June 2006.

K. Karatzas and A. Bassoukos (2006) ISBEEM: indoor environment and energy management for school buildings, Proceedings of the 20th International Conference on Informatics for Environmental Protection "Managing Environmental Knowledge" (Klaus Tochtermann and Arno Scharl., eds)., pp 169-175.

K. Karatzas and A. Bassoukos (2006) Self-deployed, web-based information aggregators for disaster-related information collection and broadcasting, International Conference on Environmental Observations, Modeling and Information Systems ENVIROMIS-2006, 1-8 July 2006, Akademgorodok, Tomsk, Russia (pp. 42-43, Enviromis2006 Programme and Abstract Book, ISBN 5-89702-153-8)

Kalogirou M., Katsaounis D., Koltsakis G., Samaras Z. "Measurements of diesel soot oxidation kinetics in an isothermal flow reactor –Catalytic effects using Pt based coatings", Proceedings of the CAPoC7, August 30 - September 1, 2006, Brussels, Belgium.

Karagiannidis A., Bouzakis K.-D., Moussiopoulos N., Sakellaropoulos G., Samaras P., Zabaniotou S., Achillias D., Voutsas D., Papachristou E., Tsiouvaras C., Nastis A., Palaggias G. and Kalfas S., 2006, NEUTRA: A 9-Laboratory network of the Aristotle University for the energetic utilization and thermal treatment of solid and liquid wastes, Proceedings of the World Sustainable Energy Days 2006 (O.O. Energiesparverband, ed.), Wels, Austria, 28 February – 3 March, poster presentation.

Karagiannidis A., Moussiopoulos N. and Perkoulidis G., 2006, An intra-building information system for paper recycling in the campus of the Aristotle University, Proceedings of the Conference of Aristotle University's Environmental Council (A.S. Nastis and S.E. Tsiouris, eds) Thessaloniki, Greece, 1-4 June, Zitis Publications, 220-226.

Karagiannidis A., Moussiopoulos N., Xirogiannopoulou A. and Perkoulidis G., 2006, Municipal solid waste collection optimization through GIS, Proceedings of the Conference of Aristotle University's Environmental Council (A.S. Nastis and S.E. Tsiouris, eds) Thessaloniki, Greece, 1-4 June, Zitis Publications, 227-233.

Karagiannidis A., Theodoseli M. and Malamakis A., 2006, Solid waste management on small/rural communities and the prospective of processing the organic fraction. A case study for the prefecture of Pieria, Greece, Proceedings of the 3rd Balkan Conference for Environmental Technology (subtitled: 'Sustainable development: Theory and practice'), Katerini, Greece, 13-16 March.

Karagiannis G., Salpistis Chr ., Sergiadis G., 2006, Development of a Novel Method for Non-Destructive Stratigraphy Determination of Artworks using Acoustic Microscopy and UV/VIS/nIR spectroscopy , 7th EC conference Safeguarded Cultural Heritage - Understanding & Viability for the Enlarged Europe. Prague May 31st - June 3rd, 2006 .

Karagiannis G., Sergiadis G., Salpistis C., Sakas G., Brunetti B.G., Rahim S. Abdul,. Bahgat R, Dimosthenous Fr D., Barakat Fr. I., 2006, InfrArtSonic INCO - CT -2005-015338 project : Development of a Novel Method for Non - Destructive Stratigraphy Determination of Artworks using Acoustic Microscopy and UV / VIS / nIR / mIR spectroscopy . Icon and Portrait International Conference ICOM-CC-WOOD, Furniture and Lacquer , Egypt , September 18-20, 2006, p.136-145. The conference is organised by the ICOM-CC-Wood committee.

Karteris M.M., Papageorgiou K. P. and Papadopoulos A.M. (2006) Integrated Photovoltaics as an Element of Building's Envelope, Energy Performance and Environmental Quality of Buildings, Milos island, 06-07.06, CD-Rom

- Klemeš J., I. Bulatov, P. Seferlis, E. Koltsova, P. Kapustenko, and M. Zhekeyev. "Waste Minimisation and Utilisation in Phosphoric Acid Industry", Chem. Eng. Trans., 263-268, 2006.
- Koltsakis G. C., Katsaounis D. K., Markomanolakis I. A., Samaras Z. C. Naumann D., Saberi Sh., Böhm A. "Design and Application of Catalyzed Metal Foam Particulate Filters", SAE paper 2006-01-3284, Powertrain & Fluid Systems Conference & Exhibition, October 16-19, 2006, Toronto, Ontario, Canada
- Koltsakis G., A. Konstantinou, O. Haralampous and Z. Samaras "Measurement and Intra-Layer Modeling of Soot Density and Permeability in Wall-flow Filters", SAE paper 2006-01-0261, Proceedings of the 2006 SAE International Congress.
- Koltsakis G., D. Katsaounis, Z. Samaras, D. Naumann, Sh. Saberi and A. Böhm "Filtration and Regeneration Performance of a Catalyzed Metal Foam Particulate Filter", SAE paper 2006-01-1524, Proceedings of the 2006 SAE International Congress April 2006, Detroit.
- Koltsakis G., N. Margaritis, O. Haralampous, Z. Samaras "Development and Experimental Validation of a NOx Trap Model for Diesel Exhaust", SAE paper 2006-01-0471, Proceedings of the 2006 SAE International Congress.
- Koltsakis G.C, Katsaounis D., Markomanolakis I., Samaras Z. C., Naumann D., Saberi Sh., Böhm A., Design and Application of Catalyzed Metal Foam Particulate Filters, SAE Powertrain & Fluid Systems Conference, Toronto, Canada, Οκτώβριος 2006.
- Koltsakis G.C., Margaritis N., Haralampous O., NOx Trap Modeling and Experimental Validation Using Ultra-fast Analyzers., Poster στο Συνέδριο Catalysis and Automotive Pollution Control (CAPOC) 7, Brussels, Αύγουστος 2006.
- Koltsakis G.C., Modeling of Wall-flow Particulate Filters with Catalyst Zoning, 9th CLEERS Workshop, Detroit, Μάιος 2006.
- Kouimtzis T., Karagiannidis A., Antonopoulos I., Tsatsarelis T. and Perkoulidis G., 2006, Field survey, statistical analysis of characteristics and risk assessment of open dumps in the Hellenic prefecture of Laconia, Proceedings of the 8th Protection and Restoration of the Environment, Chania, Greece, 3-7 July, CD-ROM edition.
- L. Krämer, F. Heimlich, J. Schöffner, R. Gratzke, K. Behnk, G. Koltsakis, O. Haralampous, Assessing the Maximum Soot Mass Loading of Diesel Particulate Filters by Advanced Modelling and Regeneration Control, Ανακοίνωση στο Συνέδριο SIA Diesel Conference 2006, Lyon, Ιούνιος 2006.
- Lontos A., Demosthenous G., Bouzakis K.-D.: Experimental tests and application of FEM simulation in the hot extrusion of aluminum using coated dies with different geometry. 10th International Conference on Plasma

Surface Engineering "PSE", Garmisch-Partenkirchen, Germany, 2006, pp. 357.

M. Frey, G. Wenninger, B. Krutzsch. G. Koltsakis, O. Haralampous, Z. Samaras "2D simulation of the regeneration performance of a catalysed DPF for heavy-duty applications", Proceedings of the CAPoC7, August 30 - September 1, 2006, Brussels, Belgium.

Martinopoulos G., Tsilingiridis G., Kyriakis N., ,2006,: Environmental Impact of different material use in solar collectors. A parametric analysis. E- Proceedings Int. Conf. 'Restoration and Protection of Environment VIII', P- 316, Chania, Greece, July 3-7, 2006.

Martinopoulos G., Tsilingiridis G., Kyriakis N., ,2006,: Evaluation of a boiling solar collector. Proc. 'RENEWABLE ENERGY 2006', pp. 485-488, Makuhari Messe, Chiba, Japan, October 9-13, 2006.

Melina Efraimidou, Maria Kanaki, Ioannis Athanasiadis , Pericles Mitkas and Kostas Karatzas (2006) Data mining air quality data for Athens, Greece, Proceedings of the 20th International Conference on Informatics for Environmental Protection "Managing Environmental Knowledge" (Klaus Tochtermann and Arno Scharl., eds)., pp 505- 508.

Moussiopoulos N., Achillas H. and Koroneos C., 2006, Optimum end of life management of "NetMod" ISDN network terminal as a case study of Electrical and electronic product, Proceedings of the 2nd International Conference and Exhibition of the Hellenic Solid Waste Management, Athens, Greece, 3-4 February, CD-ROM edition.

Moussiopoulos N., Achillas H., Koroneos C. and Kikis V., 2006, Development of a methodology for the optimisation of industrial products' end of life management, Proceedings of the International Conference Protection and Restoration of the Environment VIII, Eds. Gidaracos E. et. al., CHANIA, Greece, 3-7 July, 659-660, CD-ROM edition.

Moussiopoulos N., Douros I. and Naneris Ch., 2006, Installation of a complete and reliable system of air pollution models to the organisation for the master plan implementation and environmental protection in Thessaloniki, Proceedings of the 2nd Conference of Aristotle University's Environmental Council, Eds. Nastis A.S. and Tsiouris S.E., THESSALONIKI, Greece, 1-4 June, 42-47.

Moussiopoulos N., Douros I., Tsegas G., Fragkou E., Carvalho A., Aquilina N. and Borrego C., 2006, Application of the MEMO and MM5 mesoscale models in the context of urban energy budget studies for the greater Athens area, Proceedings of the International Conference Protection and Restoration of the Environment VIII, Eds. Gidaracos E. et. al., CHANIA, Greece, 3-7 July, 133-134, CD-ROM edition.

Moussiopoulos N., E.A. Kalognomou, Z. Samaras, M. Giannouli, G. Mellios, I. Douros, S. Eleftheriadou "Air pollution at street level in selected European

cities”, Proceedings of the 15th Transport and Air Pollution Conference, Reims, France 12-14 June 2006.

Moussiopoulos N., Kalognomou E.-A., Samaras Z., Giannouli M. and Eleftheriadou S., 2006, Measures for the reduction of air pollution in Thessaloniki, Proceedings of the 2nd Conference of Aristotle University's Environmental Council, Eds. Nastis A.S. and Tsiouris S.E., THESSALONIKI, Greece, 1-4 June, 35-41.

Moussiopoulos N., Kalognomou E.-A., Samaras Z., Giannouli M., Mellios G., Douros I. and Eleftheriadou S., 2006, Air pollution at street level in selected European cities, Proceedings of the 2nd Environment & Transport Conference, including 15th Transport and Air Pollution conference, Ed. Jourard R., REIMS, France, 12-14 June, Vol. I, 271-278.

Moussiopoulos N., Karagiannidis A., Achillas H., Sioris K. and Boudouvas D., 2006, Transportation cost analysis in the developing Hellenic WEEE management administrative system, Proceedings of the 2nd International Conference and Exhibition of the Hellenic Solid Waste Management, Athens, Greece, 3-4 February, CD-ROM edition.

Moussiopoulos N., Karagiannidis A., Tsatsarelis Th., Douros I. and Tsegas G., 2006, Atmospheric Dispersion and Deposition Of Pcds/Fs from a landfill fire in Tagarades, Greece, Proceedings of the Biomass And Waste To Energy Symposium, Venice 2006, Cini Foundation, VENICE, Italy, 29 November–1 December, CD-ROM edition.

Moussiopoulos N., Koroneos C., Achillas H., Bouzakis K.-D., Michailidis N., Iakovou E., Xanthopoulos A., Chatzipanagioti M., 2006, Decision-Making on the Alternatives for the End-of-Life Management of Electrical and Electronic Equipment, in Re-Use/Remanufacturing Session, Sixth International Symposium: Going Green CARE INNOVATION 2006 – From WEEE/RoHS Implementation to Future Sustainable Electronics, Vienna, Austria, 13-16.11.06.

Natsiavas, S., Papalukopoulos, C., Theodosiou, C. and Georgiou G., “Steady State Response of Large Scale Mechanical Systems using Multi-Level Substructuring,” Sixth European Solid Mechanics Conference, Budapest, Hungary, 2006.

Ntziachristos L., A. Mamakos, Z. Samaras, S. Hausberger and M. Rexeis “Diesel Particle Exhaust Emissions from Light Duty Vehicles and Heavy Duty Engines”, SAE paper 2006-01-0866, Proceedings of the 2006 SAE International Congress.

Palaghias G., Kalfas S., Karagiannidis A., Xirogiannopoulou A. and Kontogianni S., 2006, Investigating waste production and management options in Thessaloniki dental unit: Preliminary results, Proceedings of the 2nd National Conference and Exhibition of the Hellenic Solid Waste Management Association, Athens, Greece, 3-4 February, CD-ROM edition.

- Papadopoulos A.M. and Giama E. (2006) Model analysis for existing buildings' efficient environmental evaluation, Energy Performance and Environmental Quality of Buildings, Milos island, 06-07.06, CD-Rom
- Papadopoulos A.M. (2006) Regional promotional schemes for Renewable Energy Sources, 46th Scientific Congress of the European Regional Science Association "Enlargement, Southern Europe and the Mediterranean", Volos, 01.09.06, CD-Rom
- Papadopoulos A.M., Hadirakou S. and Karamanos A. (2006) The impact of moisture on the thermal conductivity value of stone wool based insulating materials, Energy Performance and Environmental Quality of Buildings, Milos island, 06-07.06, CD-Rom
- Papadopoulos A.M., Papageorgiou K. P. and Kallergis N. (2006) Energy efficient solutions in buildings with the application of BEMS, Energy Performance and Environmental Quality of Buildings, Milos island, 06-07.06, CD-Rom
- Papageorgiou K.P., Anastaselos D. and Papadopoulos A.M. (2006) District cooling: A technology with significant potential, Energy Performance and Environmental Quality of Buildings, Milos island, 06-07.06, CD-Rom
- Papalukopoulos, C., Theodosiou C. and Natsiavas, S., "Nonlinear Dynamics of Vehicle Models Coupled with Biodynamic Passenger Models," 2nd International Conference on Nonlinear Normal Modes in Vibrating Systems, Samos, Greece, 2006.
- Pitatzis N., Savaidis G., 2006, A new analytical procedure for the description of stresses and strains in notched specimens subjected to synchronous fatigue loading, Proceedings of Werkstoffmechanik-Seminar, Weimar.
- Poulios K., Perkoulidis G., Karagiannidis A. and Papachristou E., 2006, WEEE management and the option of disassembly, Proceedings of the 8th Protection and Restoration of the Environment, Chania, Greece, 3-7 July, CD-ROM edition.
- R. San José, A. Baklanov, R.S. Sokhi, K. Karatzas and J.L. Pérez (2006), Air quality modeling-state of the art. In: Voinov, A., Jakeman, A., Rizzoli, A. (eds). Proceedings of the iEMSS Third Biennial Meeting: "Summit on Environmental Modelling and Software". International Environmental Modelling and Software Society, Burlington, USA, July 2006. CD ROM. Internet: <http://www.iemss.org/iemss2006/sessions/all.html>, ISBN 1-4243-0852-6, 978-1-4243-0852-1
- Salpistis C., Mihailidis A., Drivakos N., Gatsios S., 2006, Experimentally obtained solid contact time curves as criterion of the EHL performance of rough surfaces, Proc. of the 2nd Int. conference "Power Transmissions 06", Novi Sad, Serbia and Montenegro 2006, pp. 347-350

Sanida G., Karagiannidis A., Moussiopoulos N. and Vartzopoulos D., 2006, Medical imaging wastes from health units: field survey and treatment options- a case study, Proceedings of the International Conference Protection and Restoration of the Environment VIII, Eds. Gidarakos E. et. al., CHANIA, Greece, 3-7 July, 23-24, CD-ROM edition.

Savaidis G., 2006, Experimental Investigations on Fatigue Crack Propagation in Notched Components, Proceedings of 2nd International Conference Power Transmission '06, Novi Sad, 351-355.

Savaidis G., Pitatzis N., Zhang Ch., 2006, Verification of an analytical model for the description of the stress-strain state of specimens subjected to synchronous nonproportional loading, Proceedings of Werkstoffmechanik-Seminar, Weimar.

Seferlis P., and L. Pechlivanos, "A Model-Predictive Control Strategy for Optimal Inventory and Pricing Policies in Supply Chain Networks", Proceedings EMCC-4, 2006.

Seferlis P., J. Klemeš, I. Bulatov, E. Koltsova, and P. Kapustenko. "Development of Sustainable Processes for Waste Utilisation in Phosphoric Acid Industry", 9th Conference on Process Integration, Modelling, and Optimisation for Energy Saving and Pollution Reduction, PRES'06, Proceedings, 2006.

Siapkas P., Fowler G., Karagiannidis A. and Samaras P., 2006, Biodiesel feedstock, production and application: A review, Proceedings of the 8th Protection and Restoration of the Environment, Chania, Greece, 3-7 July, CD-ROM edition.

Siapkas P., Karagiannidis A. and Theodoseli M., 2006, Biodiesel feedstock, production and uses, Proceedings of the World Sustainable Energy Days 2006 (O.O. Energiesparverband, ed.), Wels, Austria, 28 February – 3 March, poster presentation.

Sidiropoulos C., Tsilingiridis G., 2006, Development of a spatial database for handling atmospheric emissions data in Greece: The case of road transport. E-Proceedings Int. Conf. 'Restoration and Protection of Environment VIII', P-291, Chania, Greece, July 3-7, 2006..

Tagaras, G. and C. Zikopoulos, "Optimal Location and Value of Timely Sorting of Used Items in a Remanufacturing Supply Chain with Multiple Collection Sites," Proceedings of International Workshop on Institutional View of SCM, Tokyo, pp. 290-315, 2006.

Theodosiou C. and Natsiavas, S., "Direct Integration of Large Scale Mechanical Models Involving Unilateral Contacts and Friction," 2nd International Conference on Nonsmooth/Nonconvex Mechanics, Thessaloniki, Greece, 2006.

Theodosiou, C. and Natsiavas, S., "Dynamics of Large Scale Mechanical Systems with Unilateral Constraints," Sixth European Solid Mechanics Conference, Budapest, Hungary, 2006.

Tsatsarelis T., Karagiannidis A. and Perkoulidis G., 2006, Berechnung des Methanpotenzials im Biogas der neuen geordneten Deponien Griechenlands, in Anaerobe biologische Abfallbehandlung (B. Bilitewski et al., eds), 27-28 September, Dresden, Germany, 264-277.

Tsatsarelis T., Karagiannidis A. and Perkoulidis G., 2006, Uncontrolled landfills in the Thessaloniki prefecture: Inventory, classification and intervention strategies, Proceedings of the Conference of Aristotle University's Environmental Council (A.S. Nastis and S.E. Tsiouris, eds) Thessaloniki, Greece, 1-4 June, Zitis Publications, 242-248

Tsatsarelis T., Karagiannidis A., Moussiopoulos N. and Perkoulidis G., 2006, Technologies of landfill gas management and utilization, Proceedings of the 8th Protection and Restoration of the Environment, Chania, Greece, 3-7 July, CD-ROM edition.

Tsatsarelis T., Karagiannidis A., Moussiopoulos N. and Perkoulidis G., 2006, Technologies of landfill gas management and utilization, Proceedings of the International Conference Protection and Restoration of the Environment VIII, Eds. Gidaracos E. et. al., CHANIA, Greece, 3-7 July, 405-406, CD-ROM edition.

Tsatsarelis T., Perkoulidis G., Karagiannidis A. and Moussiopoulos N., 2006, GIS inventory of uncontrolled landfills and prioritizing administrative plans for their restoration through coupled multicriterial analysis: A case study for the Prefecture of Chalkidiki in North Greece by using Analytic Hierarchy Process, Proceedings of the 21st European Conference for ESRI Users, Athens, Greece, 6-8 November, CD-ROM edition.

Tsiafis I., Bouzakis K.-D., Mitsi S., CAD-CAM system for CAM mechanisms and correction of the NC milling code based on CMM measurements, 2nd International Conference "Power Transmissions' 06, Novi Sad, Serbia & Montenegro, pp. 299-304, 2006.

Tzafeiropoulou A., Rakimbei P., Avraam E., Parisi Z., Karagiannidis A., Tsiouvaras K., Nastis A. and Moussiopoulos N., 2006, Turfgrass establishment for a dumpsite restoration in Efkarpia, Thessaloniki, Proceedings of the Conference of Aristotle University's Environmental Council (A.S. Nastis and S.E. Tsiouris, eds) Thessaloniki, Greece, 1-4 June, Zitis Publications, 557-563.

Wittmaier M., Findeisen S., Sawiller B, Quynh D.N., Bilitewski B., Schirmer M., Werner P., Hahn C., Wiesmeth H., Golde M., Malamakis A. and Karagiannidis A., 2006, Renewable energy production from waste and biomass in remote and isolated communities: Assising the feasibility of such projects at the example of the Vietnamese island Phu Quoc, Proceedings of the 8th National

Congress on Renewable Energy Sources, Thessaloniki, Greece, 29-31 March.

Wittmeier M., Bilitewski B., Hahn C., Gunther M., Karagiannidis A. and Malamakis A., 2006, Entwicklung eines praxisorientierten Handlungsleitfadens zur Vorbereitung von Machbarkeitsstudien für die Produktion von erneuerbarer Energie aus organischem Abfall und Biomasse in Vergasungs- und Verbrennungsanlagen, beispielhaft umgesetzt für Phu Quoc/S.R. Vietnam, Proceedings of the World Sustainable Energy Days 2006 (O.O. Energiesparverband, ed.), Wels, Austria, 28 February – 3 March, poster presentation

Xanthopoulos A., Iakovou E., 2006, A Methodological Framework for the Efficient Configuration of A Reverse Logistics Network, Protection and Restoration of the Environment VIII, Chania, Greece, 3-7.07.06, P358:1-P358:8.

Xanthopoulos A., Iakovou E., 2006, An Analytical Strategic Model for the Configuration of a Closed-Loop Supply Chain Network, 1st Annual South-East European Research Centre (SEERC) Student Doctoral Conference: Infusing Research and Knowledge in South-East Europe, Thessaloniki, Greece, 10.07.06, 1-8.

Xanthopoulos A., Iakovou E., 2006, An Analytical Strategic Model for the Configuration of a Closed-Loop Supply Chain Network, 3rd Management Science and Technology Student Conference - Entrepreneurship and Technology: Keys for Competitiveness, Athens, Greece, 10.5.06, 285-292.

Xanthopoulos A., Iakovou E., Vlachos D., 2006, Mixed-Integer Linear Model for the Optimization of Reverse Supply Chains, 18th National Conference of the Hellenic Operational Research Society (HELORS), Kozani, Greece, 15-17.06.06, 529-538.

Xirogiannopoulou A. and Karagiannidis A., 2006, Performance assessment of waste services by using benchmarking: The case of Nicosia municipality in Cyprus, Proceedings of the 2nd National Conference and Exhibition of the Hellenic Solid Waste Management Association, Athens, Greece, 3-4 February, CD-ROM edition.

Xirogiannopoulou A., Karagiannidis A. and Tchobanoglous G., 2006, Full-cost accounting of waste collection services as a tool of financial promotion of PAYT schemes: The case of Panorama municipality, Proceedings of the 2nd National Conference and Exhibition of the Hellenic Solid Waste Management Association, Athens, Greece, 3-4 February, CD-ROM edition.

Xirogiannopoulou A., Karagiannidis A. and Tchobanoglous G., 2006, Full-cost accounting of waste collection services as a tool of financial promotion of PAYT schemes: The case of Panorama municipality, Proceedings of the Conference of Aristotle University's Environmental Council (A.S. Nastis and S.E. Tsiouris, eds) Thessaloniki, Greece, 1-4 June, Zitis Publications, 199-205.

Yakinthos K., Missirlis D., Palikaras A. and Goulas A. Heat exchanger for aero engine applications IMECE-2006, Proceedings of IMECE-2006, ASME International Mechanical Engineering Congress & Exposition, 2006, Chicago USA

Zotos G., Karagiannidis A. and Malamakis A., 2006, Managing the organic waste stream of MSW. The role of home composting in enhancing the energy recovery potential, combined with fair and efficient charging of waste services in urban areas, Proceedings of the World Sustainable Energy Days 2006 (O.O. Energiesparverband, ed.), Wels, Austria, 28 February – 3 March, poster presentation.

Zygouras M., Karagiannidis A. and Rakimbei P., 2006, Humification of municipal sewage sludge: Results from a pilot project in Thessaloniki, Proceedings of the 2nd National Conference and Exhibition of the Hellenic Solid Waste Management Association, Athens, Greece, 3-4 February, CD-ROM edition.

Αθανασάκης Δ. και Νικολαΐδης Ι., 2006, «Ανάπτυξη Λογισμικού για τον Έλεγχο Ποιότητας Σύμφωνα με τα Πρότυπα ΕΛΟΤ 398.0-398.1», 2ο Πανελλήνιο Συνέδριο για την Τυποποίηση, τα Πρότυπα και την Ποιότητα., EN Ε ΠΡΟΤ ΕΝΩΣΗ ΕΛΛΗΝΩΝ ΕΠΙΣΤΗΜΟΝΩΝ, EN Ε ΠΡΟΤ ΕΝΩΣΗ ΕΛΛΗΝΩΝ ΕΠΙΣΤΗΜΟΝΩΝΓΙΑ ΤΗΝ ΠΡΟΤΥΠΟΠΟΙΗΣΗ ΚΑΙ ΤΗΝ ΤΥΠΟΠΟΙΗΣΗΕΠΙΜΕΝΙΔΟΥ 19 – Τ.Κ. 54633 ΘεσσαλονίκηΤΗΛ. (2310) 286.680/286.182, ΕΠΙΜΕΝΙΔΟΥ 19 – Τ.Κ. 54633 Θεσσαλονίκη, , 611-622

Αλαμπανάκης Χ., Κρητικός Κ., Μισηρλής Δ., Υάκινθος Κ. και Γούλας Α., Διερεύνηση εναλλακτικών διατάξεων ψύξης καυσαερίου αεροπορικών κινητήρων ΡΟΗ 2006, Πάτρα, 2006

Γεωργιάδης Π., Αθανασίου Ε., 2006, Ανάλυση ευαισθησίας εφαρμογής στρατηγικής VMI-ΑΡΙΟΒΡΕΣ σε μια διεπίπεδη εφοδιαστική αλυσίδα”, Πρακτικά 18ου Εθνικού Συνεδρίου Ελληνικής Εταιρίας Επιχειρησιακών Ερευνών, Κοζάνη, Τόμος 1, 73-81.

Γεωργιάδης Π., Μιχαλούδης Χ., 2006, Μεθοδολογικό Πλαίσιο Ανάλυσης Ευαισθησίας Επενδυτικών Σχεδίων σε Δυναμικά Μεταβαλλόμενο Περιβάλλον, Πρακτικά 18ου Εθνικού Συνεδρίου Ελληνικής Εταιρίας Επιχειρησιακών Ερευνών, Κοζάνη, Τόμος 2, 819-828.

Γληνού Γ.Λ., Παπαχρήστου Δ.Α. και Παπαδόπουλος Α.Μ. (2006), Η εκμετάλλευση της αιολικής ενέργειας στην Ελλάδα: Αναδρομή, παρούσα κατάσταση και προοπτικές, 8ο Συνέδριο ΙΗΤ, Θεσσαλονίκη, 27-29.03.06, 427-434

Ζ. Βλαχοστέργιος, Κ. Υάκινθος και Α. Γούλας, Μοντελοποίηση της ροής σε αγωγό ορθογωνικής διατομής καμπυλότητας 90ο με τη χρήση εξελιγμένων μοντέλων τύρβης ΡΟΗ 2006, Πάτρα, 2006

Καραμάνος Α.Κ., Γκόγκος Σ. και Παπαδόπουλος Α.Μ. (2006)
Οικονομοτεχνική βελτιστοποίηση θερμομόνωσης βιομηχανικής εγκατάστασης,
8ο Συνέδριο ΙΗΤ, Θεσσαλονίκη, 27-29.03.06, 181-188

Μαρτινόπουλος Γ., Τσιλιγκιρίδης Γ., 2006,: Ηλιακά θερμικά συστήματα στην
Ελλάδα: Ενεργειακά και περιβαλλοντικά οφέλη. Πρακτικά 8ου Εθνικού
Συνεδρίου για τις Ήπιες Μορφές Ενέργειας, σ. 297-302, Θεσσαλονίκη, 29-31
Μαρτίου 2006.

Μαρτινόπουλος Γ., Τσιλιγκιρίδης Γ., Κυριάκης Ν., 2006,: Ηλιακοί συλλέκτες
βρασμού. Πρακτικά 8ου Εθνικού Συνεδρίου για τις Ήπιες Μορφές Ενέργειας,
σ. 99-106, Θεσσαλονίκη, 29-31 Μαρτίου 2006.

Μασούρας Α., Μπασούκος Α., Καπράρα Α., Καρατζάς Κ., Αυγελής Α.,
Οξυζίδης Σ. και Παπαδόπουλος Α.Μ. (2006) Σύστημα ροής εργασιών
διαχείρισης ενέργειας και περιβάλλοντος σε σχολικά κτίρια, 8ο Συνέδριο ΙΗΤ,
Θεσσαλονίκη, 27-29.03.06, 173-180

Ξανθόπουλος Α., Ιακώβου Ε., Βλάχος Δ., Μικτό Ακέραιο Γραμμικό Πρότυπο
Βελτιστοποίησης Αντίστροφων Καναλιών Διανομής, 18ο Εθνικό Συνέδριο
Επιχειρησιακής Έρευνας, Κοζάνη, 15-17 Ιουνίου 2006.

Οξυζίδης Σ., Ντούντεκ Α., Αναστασέλος Δ., Στυλιανού Α. και Παπαδόπουλος
Α.Μ., Η επίδραση του αστικού κλίματος στην απόδοση ηλιακών συλλεκτών. Η
περίπτωση της Λισσαβώνας (2006), 8ο Συνέδριο ΙΗΤ, Θεσσαλονίκη, 27-
29.03.06, 653-660

Παπαδόπουλος Α.Μ., Οξυζίδης Σ., Τζολάκης Γ., Αυγελής Α. και Καραμάνος
Τ., Δημιουργία στοχαστικών κλιματικών ετών για ελληνικές πόλεις προς
χρήση σε ενεργειακούς υπολογισμούς κτιρίων (2006), 8ο Συνέδριο ΙΗΤ,
Θεσσαλονίκη, 27-29.03.06, 452-459

Παπακώστας Κ., Κυριάκης Ν., Καραδαγλής Χ., Φελέκης Π., 2006, Εκτίμηση
θερμοκρασιακών δεδομένων για την ενεργειακή μέθοδο συχνότητας
θερμοκρασιών (Bin Method) σε 38 Ελληνικές πόλεις, Όγδοο Εθνικό Συνέδριο
για τις Ήπιες Μορφές Ενέργειας, Ινστιτούτο Ηλιακής Τεχνικής, Εκδόσεις
"Γιαχούδη", Θεσσαλονίκη, 629-636

Παπακώστας Κ., Κυριάκης Ν., Οικονόμου Δ., 2006, Εκτίμηση της
κατανάλωσης ενέργειας για θέρμανση σε κτίρια κατοικιών 36 Ελληνικών
πόλεων, Όγδοο Εθνικό Συνέδριο για τις Ήπιες Μορφές Ενέργειας, Ινστιτούτο
Ηλιακής Τεχνικής, Εκδόσεις "Γιαχούδη", Θεσσαλονίκη, 109-116

Βιβλία

2001

Νασιάβας, Σ., "Ταλαντώσεις Μηχανικών Συστημάτων," Εκδόσεις Ζήτη, Θεσσαλονίκη, 2001.

Ξηρογιαννοπούλου Α. και Καραγιαννίδης Α. 2001, Διαχείριση νοσοκομειακών αποβλήτων, Εργαστήριο Μετάδοσης Θερμότητας και Περιβαλλοντικής Μηχανικής, Ιούνιος.

Πασπαλάς Κ., 2001, Μετάδοση Θερμότητας, β' έκδοση, Σύλλογος Μηχανολόγων-Ηλεκτρολόγων Β. Ελλάδος, Θεσσαλονίκη, 552

Ταγαράς, Γ., Στατιστικός Έλεγχος Ποιότητας, Εκδ. Ζήτη, Θεσσαλονίκη, 2001.

2002

Midgley P., Builtjes P., Fowler D., Harrison R., Hewitt N., Moussiopoulos N., Noone K., Tørseth K. and Volz-Thomas A., 2002, Towards Cleaner Air for Europe – Science, Tools and Applications, Margraf Verlag, Backhuys Publishers, 246.

2003

Moussiopoulos N., 2003, Air Quality in Cities, SATURN/EUROTRAC-2 Subproject Final Report, Springer, Berlin, 298.

2004

Daniilia Sister, Sotiropoulou S., Bikiaris D., Salpistis C., Karagiannis G. Chryssoulakis Y., 2004, Diagnostic methodology for the examination of Byzantine frescoes and icons. Non-destructive investigation and pigment identification. Comprehensive Analytical Chemistry volume XLII : Non-Destructive Microanalysis of Cultural Heritage Materials , Janssens and Van Grieken (Eds.) Elsevier 2004 (Book Chapter p.565-604), ISBN: 0-444-50738-8

Panos Seferlis and Michael C. Georgiadis Editors, "The Integration of Process Design and Control", Elsevier Science B.V. , Amsterdam, 2004.

Reichenbach J., Bilitewski B., Karagiannidis A., Sauer P., Schiller G., Deilman C., Leone F., Abert J., Xirogiannopoulou A., Batllelevel M., Van Wunnik Ch., Murphy J., Hanf K., Henry A., Christiansen O.V., Canterbury J., Parizkova L., Fial P., Juliussen K., Gleoser G. and Koegler Th., 2004, Handbook on the implementation of Pay-As-You-Throw as a tool for urban waste management, Forum fuer Abfallwirtschaft und Altlasten, Dresden, Germany.

2005

Moussiopoulos N., Kalognomou E.-A., 2005, Atmospheric Transport and Transformation at the Urban and Local Scales-Report of a Workshop hosted

by ACCENT T&TP, Keele Graphic Services Keele University, Staffordshire, 70.

2006

Μουσιόπουλος Ν., 2006, Μετάδοση Θερμότητας, Γιαχούδη, Θεσσαλονίκη, 209.

Γεωργιάδης Π., 2006, Θεωρία Δυναμικής Συστημάτων Με Εφαρμογές στη Σχεδίαση και Λειτουργία Συστημάτων Παραγωγής, Σοφία, Θεσσαλονίκη, 473.

Κυριάκης Ν., 2006, Μηχανές Εσωτερικής Καύσης - Εισαγωγή στη λειτουργία και τη χρήση, Εκδόσεις ΣΟΦΙΑ, Θεσσαλονίκη, 440

Μπουζάκης Κ.-Δ., Ευσταθίου Κ., Μήτση Σ., Γιαννόπουλος Γ., Γρηγοριάδου Μ., 2006, Ευέλικτα συστήματα μηχανουργικών μορφοποιήσεων υποστηριζόμενα από Η/Υ (CIM), Ζήτη, Θεσσαλονίκη, 296.

Ξηρογιαννοπούλου Ά., Καραγιαννίδης Α. και Αδηλενίδου Π., 2006, Διαχείριση απορριμμάτων και αστικό περιβάλλον, ΤΕΕ/ΤΚΜ.

Άρθρα σε βιβλία

2001

Bouzakis K.-D., Michailidis N., Erkens G., Material and coating characterization by means of nanoindentations, Festschrift anlässlich des 60. Geburtstags von Professor Manfred Geiger, Idee – Vision – Innovation, Herausgeber: Frank Vollersten, Matthias Kleiner, Verlag Meisenbach Bamberg, (2001), pp: 75-94.

Karatzas K., Bassoukos A., Dioudi E., Kaprara A, Kalognomou L., Naneris Ch. Moussiopoulos N. (2001) Integrated urban environmental management and information systems (IUEMIS), SATURN Annual Report 2000, pp. 126-129, International Scientific Secretariat, GSF-National Research Center for Environment and Health, Munich, July 2001

Karatzas K., Bassoukos A., Kaprara A., Massouras, A., Slini Th., Kalognomou L., and Moussiopoulos N., Integrated urban environmental management and information systems (IUEMIS), SATURN Annual Report 2001.

Karatzas K., Moussiopoulos N., Bassoukos A., Kalognomou L., Naneris Ch. And Vassiliadis M. (2001), Development and application of tools for smog episode forecasting and for management decision support in urban areas, (Moussiopoulos N., ed.), SATURN Annual Report 1999, pp. 176-179, International Scientific Secretariat, GSF-Forschungszentrum fuer Umwelt und Gesundheit GmbH, Muenchen, March 2001

2002

Dourala N., Boura A. and Moussiopoulos N., 2002, Teaching Sustainability at the Aristotle University of Thessaloniki, Greece, in Teaching Sustainability - towards curriculum greening, Ed. W. Leal Filho, Peter Lan Scientific Publishers, Bern, 391-404.

Koroneos Ch., Papadopoulos A.M., [2002], Systems to Support Decisions on Electric Power Generation in Environmental Systems, edited by Achim Sydow, in Encyclopedia of Life Support Systems (EOLSS), Developed under the Auspices of the UNESCO, Eolss Publishers, Oxford, UK, [<http://www.eolss.net>]

Mihailidis A., Panagiotidis K., 2002, Transient Thermo-Elastohydrodynamic Lubrication of Gear teeth, in New Horizons for Tribology and Lubricants (Handbook of Tribology and Lubrication, vol 10), ed. W. J. Bartz, Expert Verlag, 94-99.

Moussiopoulos N. and Louka P., 2002, Advanced local scale models for simulating air flow and pollutant dispersion in street canyons, in Proceedings of the EUROTRAC-2 Symposium 2002, Transport and Chemical Transformation in the Troposphere, Eds. P. Midgley and M. Reuther, Margraf Verlag, Backhuys Publishers, 175-181.

Moussiopoulos N., 2002, Refined multiscale modelling tools, in Proceedings of the EUROTRAC-2 Symposium 2002, Transport and Chemical Transformation in the Troposphere, Eds. P. Midgley and M. Reuther, Margraf Verlag, Backhuys Publishers, 189-195.

Moussiopoulos N., Borrego C., Bozó L., Galmarini S., Poppe D., Schatzmann M. and Sturm P., 2002, Urban and local scale air pollution in Towards Cleaner Air for Europe – Science, Tools and Applications, Eds. P. Midgley, Builtjes P., Fowler D., Harrison R., Hewitt N., Moussiopoulos N., Noone K., Tørseth K. and Volz-Thomas A., Margraf Verlag, Backhuys Publishers, Vol. 1, 123-155.

Papadopoulos A.M., Koroneos Ch., [2002], Refrigeration and Cryogenic Systems, in Air Conditioning - Energy Consumption and Environmental Quality, edited by Matheos Santamouris, in Encyclopedia of Life Support Systems (EOLSS), Developed under the Auspices of the UNESCO, Eolss Publishers, Oxford, UK, [<http://www.eolss.net>]

2003

Moussiopoulos N. and Turlou P.M., 2003, Active Groups in Air Pollution Modeling, Chapter 21 of AIR QUALITY MODELING – Theories, Methodologies, Computational Techniques and Available Databases and Software, Vol. 1 – Fundamentals , Ed. P. Zanneti, EnviroComp Institute ,<http://www.envirocomp.org/> and the Air & Waste Management Association ,<http://www.awma.org/>, 355-362.

Moussiopoulos N. and Turlou P.M., 2003, Case Studies – Air Pollution Modeling at Local, Regional, Continental and Global Scales, Chapter 19 of AIR QUALITY MODELING – Theories, Methodologies, Computational Techniques and Available Databases and Software, Vol. 1 – Fundamentals, Ed. P. Zanneti, EnviroComp Institute, <http://www.envirocomp.org/> and the Air & Waste Management Association, <http://www.awma.org/>, 313-323.

Moussiopoulos N., 2003, Studying atmospheric pollution in urban areas, in Towards Cleaner Air for Europe – Science, Tools and Applications, Eds. P. Midgley and M. Reuther, Margraf Verlag, Backhuys Publishers, Vol. 2, 227-249.

Papadopoulos A.M., [2003], Solar Thermal Technologies for Buildings - The state of the art, (Santamouris M. ed.) Active Solar Heating and Cooling of Buildings: Perspectives for the coming decade, James and James, London, 17-35.

Salpistis C., Karagiannis G., Chryssoulakis Y., 2003, Multispectral Spectroscopy Through Tunable Multispectral Reflectoscopy Between 200 nm and 3500 nm. [A powerful, under development tool of investigation, on painted artworks] Molecular and Structural Archaeology: Cosmetic and Therapeutic Chemicals (NATO Science Series II: Mathematics, Physics & Chemistry vol. 117), Publisher: Kluwer Academic Publishers, Georges Tsoucaris , Janusz Lipkowski (Editors), September 2003, p.73-83, ISBN: 1-4020-1499-6.

2004

Bouzakis K.-D., Michailidis N., Hadjiyiannis S., Lontos A., Giannopoulos G., Maliaris G., Erkens G.: Cohesion, adhesion and creep properties through the impact tester. Current Trends in Tribology, Institute for Terotechnology-National Research Institute, Poland, ISBN 83-70204-418-X, pp. IV. 21-24, 2004.

Bouzakis K.-D., Michailidis N., Skordaris G., Hadjiyiannis S., Erkens G.: Stress-strain curves, hardness and internal stresses determination through nanoindentations. Current Trends in Tribology, Institute for Terotechnology-National Research Institute, Poland, ISBN 83-70204-418-X, pp. IV. 33-36, 2004.

Daniilia Sister, Sotiropoulou S., Bikiaris D., Salpistis C., Karagiannis G. Chryssoulakis Y., 2004, Diagnostic methodology for the examination of Byzantine frescoes and icons. Non-destructive investigation and pigment identification. Comprehensive Analytical Chemistry volume XLII : Non-Destructive Microanalysis of Cultural Heritage Materials , Janssens and Van Grieken (Eds.) Elsevier 2004 (Book Chapter p.565-604), ISBN: 0-444-50738-8

Georgiadis P., Vlachos D., Tagaras, G., 2004, Long-term Analysis of Closed-loop Supply Chains, in Reverse Logistics, by R. Dekker, M. Fleischmann, K. Inderfurth and L. Van Wassenhove (eds.), Springer-Verlag, 313-331.

Georgiadis, P., Tagaras, G. and D. Vlachos, "Long-term Analysis of Closed-loop Supply Chains" in Reverse Logistics, Quantitative Models for Closed Loop Supply Chains, R. Dekker, M. Fleischmann, K. Inderfurth, and L.N. van Wassenhove (eds.), pp. 313-331, Springer, 2004.

K. Karatzas (2004), Έγκαιρη και έγκυρη πληροφόρηση για την ατμοσφαιρική ρύπανση στη Θεσσαλονίκη: το πρόγραμμα APNEE-TU, Περιβαλλοντικός σχεδιασμός και πληροφόρηση για την ατμοσφαιρική ρύπανση στη Θεσσαλονίκη: το Ευρωπαϊκό πρόγραμμα APNEE-TU (σελ. 63-78), Οργανισμός Ρυθμιστικού Σχεδίου και Προστασίας Περιβάλλοντος Θεσ/νίκης

K. Karatzas, A. Masouras, A. Kaprara, A. Bassoukos, I. Papaioannou, Th. Slini and N. Moussiopoulos (2004), Environmental Information Systems and the Concept of Environmental Informatics, chapter of the book Environmental Online Communication (pages 3-10), Advanced Information and Knowledge Processing Series (A. Scharl, ed.), Springer, London, ISBN: 1-85233-783-4.

Karatzas K., Masouras A., Kaprara A., Bassoukos A., Papaioannou I., Slini Th. and Moussiopoulos N., 2004, Environmental Information Systems and the Concept of Environmental Informatics, chapter of the book in Environmental Online Communication, Advanced Information and Knowledge Processing Series, Ed. A. Scharl, Springer, London, ISBN: 1-85233-783-4, 3-10.

Moussiopoulos N., 2004, Article in Environmental planning and information for the air pollution in Thessaloniki: The European project APNEE-TU, Organisation of Planning and Environmental Protection of Thessaloniki, Ed. K. Nikolaou, Thessaloniki, 36-60.

Moussiopoulos N., 2004, Neue Wissenschaftliche Erkenntnisse als Basis für die Bewertung der Luftqualität in Ballungsgebieten, Jahrbuch 2003 der

Deutschen Akademie der Naturforscher Leopoldina, Ed. V. Ter Meulen, Halle/Saale 2004, Leopoldina R.3, Vol. 49, 555-567.

Seferlis P., and J. Grievink, "Process Design and Control Structure Evaluation and Screening using Nonlinear Sensitivity Analysis", in "The Integration of Process Design and Control", P. Seferlis and M. C. Georgiadis Eds, Elsevier Science B.V., Amsterdam, 2004.

Seferlis P., and M. C. Georgiadis, "The integration of process design and control -Summary and future directions" in "The Integration of Process Design and Control", P. Seferlis and M. C. Georgiadis Eds, Elsevier Science B.V., Amsterdam, 2004.

Th. Rose, G. Peinel, K. Karatzas, P.H. Johansen, J.E. Lindberg (2004), Citizen-Centred Environmental Information Dissemination via Multi-modal Information Channels, in Information Systems for sustainable development (L. Hilty, E. Seifert and R. Treibert), pp. 277-290, Idea Group Publishing, ISBN: 1-59140-343-X.

Van der Laan E., Kiesmüller G., Kuik R., Vlachos D., Dekker R., 2004, Stochastic Inventory Control for Product Recovery, in Reverse Logistics, by R. Dekker, M. Fleischmann, K. Interfurth and L. Van Wassenhove (eds.), Springer-Verlag, 181-220.

2005

Giagopoulos, D., Salpistis C., Natsiavas, S., 2005, "Dynamics and Parametric Identification of Geared Rotordynamic Systems," Chaotic Dynamics and Control of Systems and Processes in Mechanics, (edited by G. Rega and F. Vestroni), pp. 107-116, Springer, Netherlands, 2005.

Giagopoulos, D., Salpistis, C. and Natsiavas, S., "Dynamics and Parametric Identification of Geared Rotordynamic Systems," Chaotic Dynamics and Control of Systems and Processes in Mechanics, (edited by G. Rega and F. Vestroni), pp. 107-116, Springer, Netherlands, 2005.

Krasenbrink A., Martini G., Wass U., Jobson E., Borken J., Ntziachristos L., Samaras Z., and Keuken M., 2005, "Chapter 1: Factors Determining Emissions in the WHO European Regions" invited in Health Impacts of Transport-Related Air Pollution, pp. 7-52, M. Krzyzanowski, B. Kuna-Dibbert and J. Schneider (eds), World Health Organization - Europe, ISBN 92-890-1373-7.

Moussiopoulos N., Louka P., Finzi G., Volta M., Colbeck I., Diéguez J.J., Palau J.L., Pérez-Landa G., Salvador R. and Millán M.M., 2005, Meteorological aspects of air pollution episodes in southern European cities, in Meteorology applied to urban air pollution problems-Final Report Cost Action 715, Eds. B. Fisher, S. Joffre, J. Kukkonen, M. Piringer, M. Rotach, M. Schatzmann, Demetra Ltd Publishers, Bulgaria, 119-134.

Panagiotidou, S. and G. Tagaras, "End-of-life tire recovery: the Thessaloniki initiative" in Managing Closed-Loop Supply Chains, S.D.P. Flapper, J.A.E.E. van Nunen, L.N. van Wassenhove (eds.), pp. 183-193, Springer, 2005.

2006

Iakovou E., Xanthopoulos A., 2006, The Disassembly Process as a Core Competency in Closed-Loop Supply Chain Management: A Comprehensive Methodological Framework, Book Chapter in Handbook of Supply Chain Management and Logistics in South East Europe, Ed. Ketikidis P., Lenny-Koh S.C., 18-34.

Martinopoulos G., Tsilingiridis G., Kyriakis N., ,2006,: Life Cycle Analysis implementation for CO2 abatement in energy systems. The case of solar thermal systems. Lecturers Series on Computer and Computational Sciences, Vol. 7, pp. 709-713, 2006.

Masouras A. and Karatzas K. (2006), Cost-Effective Quality of Life Service Infrastructure: Using FOSS to Enable Public Sector Information Services for Citizens, Encyclopedia of Digital Government (A.V. Anttiroiko and M. M?iki?, eds.), pp. 1291-1299, Idea Group Inc (<http://www.idea-group.com/reference/details.asp?ID=5066&v=tableOfContents>).

Tagaras, G. and G. Nenes, “Two-Sided Bayesian Control Charts for Short Production Runs” Bayesian Monitoring, Control and Optimization, B. M. Colosimo and E. del Castillo (eds.), pp. 167-186, Chapman and Hall/CRC Press, 2006.

Εκδοση πρακτικών συνεδρίων

2002

Moussiopoulos N., Karatzas K., SATURN-EURASAP: Proceedings of a Workshop on Urban Air Quality Management Systems, International Scientific Secretariat (ISS) GSF – National Research Center for Environment and Health Munich, Germany, 123, Rhodes, Greece, 04.04.02.

Moussiopoulos N., Koroneos C. J., Dourala N. and Kalognomou E.–A., EURO-SUSTAIN 2002: Proceedings of the Conference: Implementing the Integrated Product Policy, 80, Rhodos, Greece, 02-05.04.02.

N. Moussiopoulos and K. Karatzas (2002), Proceedings of a SATURN-EURASAP Workshop, Rhodes, Greece, 4 April 2002. International Scientific Secretariat (ISS) GSF- National Research Centre for Environment and Health Munich, Germany (<http://aix.meng.auth.gr/saturn/aqmanagment/>)

Τσιλιγκιρίδης Γ., Καούρης Ι., Πρακτικά 7ου Εθνικού Συνεδρίου του ΙΗΤ για τις Ήπιες Μορφές Ενέργειας, Πάτρα 6-8 Νοεμβρίου 2002, εκδ. Γιαχούδη, Θεσσαλονίκη.

2005

Moussiopoulos N. and Karagiannidis A., Proceedings of the Workshop on “Waste Management in Thessaloniki: Old problems-New Solutions, Laboratory of Heat Transfer and Environmental Engineering, Department of Mechanical Engineering, Aristotle University Thessaloniki, 76, Thessaloniki, Greece, 22.02.05.

Sokhi R.S., Millan M.M. and Moussiopoulos N., Abstracts of the 5th International Conference on Urban Air Quality and Joint Workshops Cluster of European Air Quality Research and CLEAR and Atmospheric Composition Change - A European Network of Excellence - ACCENT, University of Hertfordshire, 294, Valencia, Spain, 29.03.05–01.04.05.

2006

Karagiannidis A., Malamakis A. and Theodoseli M., 2006, Proceedings of the Workshop “Energy recovery and thermal treatment of solid and liquid waste” of the Network for energetic utilization and thermal treatment of solid and liquid wastes (NEUTRA), Aristotle University Thessaloniki, 85 pp.

Moussiopoulos N. and Isaksen I., Proceedings of a Workshop on Model Benchmarking and Quality Assurance, 58, Thessaloniki, Greece, 29-30.05.06

Τσιλιγκιρίδης Γ., Μαρτινόπουλος Γ., Μιχόπουλος Α., Πρακτικά 8ου Εθνικού Συνεδρίου του ΙΗΤ για τις Ήπιες Μορφές Ενέργειας, Θεσσαλονίκη 29-31 Μαρτίου 2006, εκδ. Γιαχούδη, Θεσσαλονίκη.

Άλλες δημοσιεύσεις

2001

Bouzakis K., Michailidis N., Efstathiou K., Hadjiyiannis S., Erkens G., Rambadt S., Wirth I., 2001, Improvement of PVD coated inserts cutting performance, through appropriate tool pre-and post – treatments. International Conference on Metallurgical Coatings and Thin Films, San Diego, USA, April 30, pp76.

Μπουζάκης Κ.-Δ., Ευσταθίου Κ., Μιχαηλίδης Ν. Μάλιαρης Γ., Παυλίδου Ε, Erkens G., 2001, Αύξηση της διάρκειας χρησιμοποίησης PVD επικαλυμμένων κοπτικών πλακιδίων μέσω βελτιστοποίησης του εργαλείου και των συνθηκών κοπής. Μετάδοση Ισχύος, τεύχος 64, σελ. 8-14.

Μπουζάκης Κ.-Δ., Ευσταθίου Κ., Μιχαηλίδης Ν., Μάλιαρης Γ., Παυλίδου Ε., Erkens G., Αύξηση διάρκειας χρησιμοποίησης PVD επικαλυμμένων κοπτικών πλακιδίων μέσω βελτιστοποίησης του εργαλείου και των συνθηκών κοπής, Μετάδοση Ισχύος, τεύχος 64, 2001, σελ. 8-14.

Παπακώστας Κ.Τ., 2001, Στόμια αέρα. Τύποι και εφαρμογές τους σε συστήματα κλιματισμού και αερισμού, Κτίριο, τεύχος 133, σελ. 27-34.

2002

Bouzakis K.-D., Hadjiyiannis S., Skordaris G., Anastopoulos I., Mirisidis J., Michailidis N., Efstathiou K., Knotek O., Erkens G., Cremer S., Rambadt S., Wirth I., 2002, The influence of the coating thickness on its strength properties and on the milling performance of PVD coated inserts. 8th International Conference on Plasma Surface Engineering, September 9-13, Garmish – Patenkirchen, Germany, pp 37.

Bouzakis K.-D., Michailidis N., Skordaris G., Hadjiyiannis S., Efstathiou K., Erkens G., Rambadt S., Wirth I., 2002, Optimization of the cutting edge roundness and its manufacturing procedures of cemented carbide inserts, to improve their milling performance after a PVD coating deposition. International Conference on Metallurgical Coatings and Thin Films, San Diego, USA, April 22-26.

Α.Παπαδόπουλος, Χ.Κορωναίος, Μ.Κaltschmitt, Α.Βauen. “Sustainable energy for the economic development of remote and isolated island communities: A guide for the propagation of RES systems”, Τεχνικό εγχειρίδιο για το σχεδιασμό και τη διαστασιολόγηση συστημάτων ΑΠΕ σε απομονωμένα συστήματα, με θεώρηση τεχνικών, οικονομικών και περιβαλλοντικών κριτηρίων, που εκδόθηκε στα πλαίσια του κοινοτικού προγράμματος ALTENER, Θεσσαλονίκη, 2002.

Μπουζάκης Κ. –Δ., Μιχαηλίδης Ν., Ν. Βιδάκης, Ευσταθίου Κ., Κομπογιάννης Σ., Σ. Σκλαβούνος, Παυλίδου Ε., Μηχανισμοί φθοράς επικαλυμμένων κοπτικών εργαλείων κατά το τριβή, Τεχν. Περιοδικό Εργαλειομηχανές, Μάιος – Ιούνιος 2002, Τεύχος 36, σελ. 54-72.

Μπουζάκης Κ.-Δ., Μιχαηλίδης Ν., Βιδάκης Ν, Ευσταθίου Κ., Κομπογιάννης Σ., Σκλαβούνος Σ., Παυλίδου Ε., 2002, Μηχανισμοί φθοράς επικαλυμμένων κοπτικών εργαλείων κατά το τρνάρισμα, Εργαλειομηχανές, τεύχος 39, Μάιος -Ιούνιος, σελ.50-71.

Μπουζάκης Κ.-Δ., Μιχαηλίδης Ν., Χατζηγιάννης Σ., Βελτίωση της κοπτικής ικανότητας επικαλυμμένων κοπτικών εργαλείων μέσω κατάλληλης ανόπτησης, Μηνιαία Τεχνική Επιθεώρηση, Τεύχος 120, Απρίλιος 2002, 34-40.

Παπακώστας Κ.Τ., 2002, Ανεμιστήρες. Χρήση και εφαρμογές τους σε εγκαταστάσεις αερισμού-κλιματισμού, Κτίριο, τεύχος 142, σελ. 37-42.

Τσιάφης Ι., Διερεύνηση χρησιμοποίησης συγκολλητικών ουσιών σε μηχανολογικές διατάξεις. Τελική έκθεση προγράμματος ΠΕΝΕΔ 99, σελ 1-174, 2002

2003

Bouzakis K.-D., Hadjiyiannis S., Skordairs G., Efstathiou K., Anastopoulos I., Mirisidis I., Michailidis N., Erkens G., Cremer R., Rambadt S., Wirth I., 2003, The influence of coating mechanical properties at various film thicknesses on the milling performance of PVD cermented coated inserts. International conference on Metallurgical Coatings and Thin Films, April 28-May 2, S. Diego USA, pp69

Bouzakis K.-D., Hadjiyiannis S., Skordairs G., Mirisidis J., Michailidis N., Efstathiou K., Erkens G., 2003, The effect of coating thickness, mechanical strength and hardness properties on the milling performance of PVD coated cemented carbide inserts, International conference on Metallurgical Coatings and Thin Films, April 28-May 2, S. Diego, USA.

Erkens G., Cremer R., Hamoudi T., Bouzakis K.-D., Mirisidis J., Hadjiyiannis S., Skordaris G., Asimakopoulos A., Kombogiannis S., Anastopoulos J., Efstathiou K., 2003, Properties and performance of high Aluminum containing (Ti, Al)N based Supernitride coatings in innovative cutting applications. International conference on Metallurgical Coatings and Thin Films, April 28-May 2, S. Diego, USA.

Α. Καραγιαννίδης, Α. Παπαδόπουλος, Γ. Περκουλίδης, «Διαχείριση αποβλήτων ηλεκτρικού και ηλεκτρονικού εξοπλισμού», Τεχνικό εγχειρίδιο που εκδόθηκε στα πλαίσια του προγράμματος Εύρηκα, Θεσσαλονίκη, 2003.

Α.Παπαδόπουλος, Μ.Σανταμούρης, Κ.Αξαρή. “Καθορισμός προδιαγραφών κατασκευής βιοκλιματικών κτιρίων”, Τεχνικό εγχειρίδιο που αφορά κτίρια ξενοδοχείων, εστίασης και μεταποιητικών μονάδων, που εκδόθηκε στα πλαίσια του προγράμματος Leader+, Θεσσαλονίκη, 2003.

Μπουζάκης Κ.-Δ., Ευσταθίου Κ., Αϊσούα Π., 2003, Προσδιορισμός της γεωμετρίας των αποβλήτων της δύναμης κοπής και της τραχύτητας κατά το πολυαξονικό φραιζάρισμα αποπεράτωσης ανάγλυφων επιφανειών με εργαλεία σφαιρικής απόληξης. Εργαλειομηχανές, τεύχος 40, σελ. 49-70.

Μπουζάκης Κ.-Δ., Μιχαηλίδης Ν., Αναστόπουλος Ι., Κομπογιάννης Σ., Erkens G., P.-J. Roudnik, Επίδραση της γεωμετρίας και της επικάλυψης στην κοπτική

συμπεριφορά εργαλείων από σκληρομέταλλο κατά την κατεργασία κωνικών οδοντωτών τροχών, Τεχν. Περιοδικό Εργαλειομηχανές, τεύχος 43, 2003, σελ. 31-40.

Παπακώστας Κ.Τ., 2003, Έλεγχος της υγρασίας του αέρα στα κτίρια, Κτίριο, τεύχος 151, σελ. 35-40.

Παπακώστας Κ.Τ., 2003, Ποιότητα αέρα εσωτερικών χώρων – Συστήματα κλιματισμού, Κτίριο, τεύχος 149, σελ. 51-56.

2004

Bouzakis K.-D., Hadjiyiannis S., Skordairs G., Mirisidis J., Efstathiou K., Erkens G, Wirth I., 2004, Wear development on cemented carbides inserts, coated with variable film thickness in the cutting wedge region. International conference on Metallurgical Coatings and Thin Films (ICMCTF), S. Diego, California, USA, pp44.

Moussiopoulos N., Karatzas K., K. Nikolaou, 2004, Environmental planning and information on air pollution in Thessaloniki, Organisation for the Master Plan and Environmental Protection of Thessaloniki, Greece.

Tuinstra W., Eerens H.C., van Minnen J., Petroula D., Swart R., Brink C., Kalognomou E.-A., Moussiopoulos N., Amann M., Cofala J., Klimont Z., Dentener F., Raes F., 2004, Air pollution and climate change policies in Europe: exploring linkages and the added value of an integrated approach, EEA Technical report 5/2004, Copenhagen.

Α.Παπαδόπουλος, Θ.Ξανθόπουλος. "Το Ενεργειακό ζήτημα", Εκδοση «Ανθρωπος και Περιβάλλον στον 21ο Αιώνα: Τα Κρίσιμα Προβλήματα», Μουσείο Γουλανδρή Φυσικής Ιστορίας, Αθήνα, 2004.

Παπακώστας Κ.Τ., 2004, Έλεγχος του θορύβου στις εγκαταστάσεις κλιματισμού, Κτίριο, τεύχος 162, σελ. 33-40.

Παπακώστας Κ.Τ., 2004, Μονοσωλήνιο σύστημα κεντρικής θέρμανσης, Κτίριο, τεύχος 164, σελ. 61-66.

2005

Karagiannidis A., 2005, Experiences and perspectives of the minimisation of environmental damage in case of oil pollution in the Mediterranean sea: The Hellenic case, invited paper in the Workshop on: Guidelines on Minimisation of Environmental Damage in Case of Oil Pollution, Institute for Recycling and Environmental Protection & BLG Consult GmbH, Bremen, Germany, 21-24 September.

Karagiannidis A., 2005, Integration of Solid Waste Management tools into specific settings of European and Asian Communities (ISTEAC), invited paper in the AUNP Grantholders' Meeting, Manila, the Philippines, 25-26 August.

Karagiannidis A., 2005, Intercultural and Global Learning: Experiences from a Pythagoras research program for post-doc studies, Workshop on: Higher Education for Sustainable Development, Penang, Malaysia, 13-15 December.

Γκ. Μανσούρ, Κ.-Δ. Μπουζάκης, Δ. Σαγρής, Ε. Βαρύτης, Αντίστροφος σχεδιασμός αντικειμένων με προσομοίωση πολυωνυμικών καμπυλών, 7ος

Τόμος “Εργαλειομηχανές-Μηχανουργικές Κατεργασίες”, δραστηριότητες ΕΕΔΜ 2002-2005, σ. 259-267, 2005.

Ιακώβου Ε., Τακτικός αρθρογράφος στο μηνιαίο περιοδικό: Logistics & Management, Εκδόσεις Τεχνοεκδοτική, από τον Ιανουάριο του 2005 έως σήμερα.

Κ.-Δ. Μπουζάκης, Γκ. Μανσούρ, Ε. Βαρύτης, Δ. Σαγρής, Επεξεργασία νέφους CMM σημείων με τη βοήθεια γενετικών αλγορίθμων για την περιγραφή στερεάς γεωμετρίας και την εκπόνηση δεδομένων ψηφιακής καθοδήγησης, 7ος Τόμος “Εργαλειομηχανές-Μηχανουργικές Κατεργασίες”, δραστηριότητες ΕΕΔΜ 2002-2005, σ. 309-321, 2005.

Μήτση Σ., Μπουζάκης Κ.-Δ., Μανσούρ Γ., Popescu I., Ανάλυση θέσεων σε πολυωνυμική μορφή ομάδων ASSUR 3ης τάξης με δύο και τρεις πρισματικές αρθρώσεις, Μέρος δεύτερο, 7ος Τόμος “Εργαλειομηχανές-Μηχανουργικές Κατεργασίες”, Δραστηριότητες ΕΕΔΜ 2002-2005, σ. 403-410, 2005.

Μήτση Σ., Μπουζάκης Κ.-Δ., Μανσούρ Γ., Popescu I., Ανάλυση θέσεων σε πολυωνυμική μορφή ομάδων ASSUR 3ης τάξης με δύο και τρεις πρισματικές αρθρώσεις, Μέρος πρώτο, 7ος Τόμος “Εργαλειομηχανές-Μηχανουργικές Κατεργασίες”, Δραστηριότητες ΕΕΔΜ 2002-2005, σ. 393-401, 2005.

Μήτση Σ., Μπουζάκης Κ.-Δ., Σαγρής Δ., Μανσούρ Γ., Βελτιστοποίηση γεωμετρικού σχεδιασμού χωρικού βραχίονα RR με χρήση υβριδικού αλγορίθμου, 7ος Τόμος “Εργαλειομηχανές-Μηχανουργικές Κατεργασίες”, Δραστηριότητες ΕΕΔΜ 2002-2005, σ. 411-418, 2005.

Μήτση Σ., Μπουζάκης Κ.-Δ., Σαγρής Δ., Μανσούρ Γ., Προσδιορισμός βέλτιστης θέσης τοποθέτησης της βάσης ενός ρομπότ με τη βοήθεια υβριδικού γενετικού αλγορίθμου, 7ος Τόμος “Εργαλειομηχανές-Μηχανουργικές Κατεργασίες”, Δραστηριότητες ΕΕΔΜ 2002-2005, σ. 419-428, 2005.

Μήτση Σ., Μπουζάκης Κ.-Δ., Σαγρής Δ., Μανσούρ Γ., Προσδιορισμός βέλτιστης θέσης τοποθέτησης της βάσης ενός ρομπότ με τη βοήθεια υβριδικού γενετικού αλγορίθμου, Δελτίο Πανελληνίου Συλλόγου Διπλωματούχων Μηχανολόγων Ηλεκτρολόγων, Τεύχος 381, σ. 60-66, 2005.

Μπουζάκης Κ.-Δ., Φρειδερίκος Ο., Μυρισίδης Ι., Τσιάφης Ι., Προσομοίωση διαφορετικών κινηματικών στο φρεζάρισμα με κύλιση οδοντώσεων με την μέθοδο των πεπερασμένων στοιχείων, 7ος Τόμος “Εργαλειομηχανές-Μηχανουργικές Κατεργασίες”, Δραστηριότητες ΕΕΔΜ 2002-2005, σ. 343-357, 2005.

Παπακώστας Κ.Τ., 2005, Εγκαταστάσεις τηλεθέρμανσης, Κτίριο, τεύχος 173, σελ. 39-46.

Σ. Μήτση, Κ.-Δ Μπουζάκης., Γ. Μανσούρ, Ι. Popescu, Ανάλυση θέσεων σε πολυωνυμική μορφή ομάδων ASSUR 3ης τάξης με δύο και τρεις πρισματικές αρθρώσεις, Μέρος δεύτερο, 7ος Τόμος “Εργαλειομηχανές-Μηχανουργικές Κατεργασίες”, δραστηριότητες ΕΕΔΜ 2002-2005, σ. 403-410, 2005.

Σ. Μήτση, Κ.-Δ Μπουζάκης., Γ. Μανσούρ, Ι. Popescu, Ανάλυση θέσεων σε πολυωνυμική μορφή ομάδων ASSUR 3ης τάξης με δύο και τρεις πρισματικές

αρθρώσεις, Μέρος πρώτο, 7ος Τόμος “Εργαλειομηχανές-Μηχανουργικές Κατεργασίες”, δραστηριότητες ΕΕΔΜ 2002-2005, σ. 393-401, 2005.

Σ. Μήτση, Κ.-Δ Μπουζάκης., Δ. Σαγρής, Γ. Μανσούρ, Βελτιστοποίηση γεωμετρικού σχεδιασμού χωρικού βραχίονα RR με χρήση υβριδικού αλγορίθμου, 7ος Τόμος “Εργαλειομηχανές-Μηχανουργικές Κατεργασίες”, δραστηριότητες ΕΕΔΜ 2002-2005, σ. 411-418, 2005.

Σ. Μήτση, Κ.-Δ Μπουζάκης., Δ. Σαγρής, Γ. Μανσούρ, Προσδιορισμός βέλτιστης θέσης τοποθέτησης της βάσης ενός ρομπότ με τη βοήθεια υβριδικού γενετικού αλγορίθμου, 7ος Τόμος “Εργαλειομηχανές-Μηχανουργικές Κατεργασίες”, δραστηριότητες ΕΕΔΜ 2002-2005, σ. 419-428, 2005.

Σ. Μήτση, Κ.-Δ Μπουζάκης., Δ. Σαγρής, Γ. Μανσούρ, Προσδιορισμός βέλτιστης θέσης τοποθέτησης της βάσης ενός ρομπότ με τη βοήθεια υβριδικού γενετικού αλγορίθμου, Δελτίο Πανελληνίου Συλλόγου Διπλωματούχων Μηχανολόγων Ηλεκτρολόγων, τεύχος 381, σ. 60-66, 2005.

Τσιάφης Ι., Μιχαηλίδης Ν., Ασημακόπουλος Α., Κορλός Α., Προσδιορισμός μηχανικών ιδιοτήτων των εποξικών ρητινών μέσω μετρήσεων και με τη χρήση FEM προσομοιώσεων, 7ος Τόμος “Εργαλειομηχανές-Μηχανουργικές Κατεργασίες”, Δραστηριότητες ΕΕΔΜ 2002-2005, σ. 359-350, 2005.

2006

Karagiannidis A. and Theodoseli M., 2006, Experiences with spill incidents in the Mediterranean Sea with focus on intervention techniques and operational aspects: The Hellenic case, invited paper in the Workshop: Minimisation of Environmental Damage in Case of Marine Pollution, Institute for Recycling and Environmental Protection & BLG Consult GmbH, Bremen, Germany, 11-14 October.

Karagiannidis A., 2006, NEUTRA – Energy valorization and thermal treatment of solid and liquid wastes network, Thessaloniki workshop of the HARMONICA project workshops, EU-India Cross-cultural programme, Thessaloniki, Greece, 24 November 2006, CD-ROM version.

Moussiopoulos N., Samaras Z., Kalognomou L., Giannouli M., Eleftheriadou S. and Mellios G., 2006, Air pollution at street level in European cities, EEA Technical report 1/2006, Copenhagen.

Μπουζάκης Κ. Δ., Τσιάφης Ι., Πετρίδου Χ., Σαμψωνίδης Δ., Υψηλής ακρίβειας συναρμολόγηση και μετρήσεις θαλάμων ανίχνευσης μιονίων, του φασματόμετρου του πειράματος ATLAS στο ευρωπαϊκό κέντρο πυρηνικών ερευνών (CERN), Δελτίο Πανελληνίου Συλλόγου Διπλωματούχων Μηχανολόγων-Ηλεκτρολόγων, σελ. 34-39, Αθήνα, Φεβρουάριος 2006.

Παπακώστας Κ.Τ., Μιχόπουλος Α.Κ., 2006, Αντλίες Θερμότητας (ειδικό ένθετο αφιέρωμα), Κτίριο, τεύχος 182, σελ. 139-156.

Παπακώστας Κ.Τ., Μιχόπουλος Α.Κ., 2006, Φίλτρα αέρα σε συστήματα κλιματισμού-αερισμού, Κτίριο, τεύχος 177, σελ. 41-46.

Ευρεσιτεχνίες

2004

Σαλπιστής Χ., Καραγιάννης Γ., Χρυσουλάκης Γ., 2004, Multispectral Spectroscopy Through Tunable Multispectral Reflectoscopy Between 200 nm and 6000 nm , Αρ. Πατέντας: 20030100368 (Εθνική καταχώρηση ευρεσιτεχνίας 2004) WO 2005/024362 (Application Number PCT/GR2004/000005)

Σαλπιστής Χ., Καραγιάννης Γ., Χρυσουλάκης Γ., 2004, Multispectral Spectroscopy Through Tunable Multispectral Reflectoscopy Between 200 nm and 6000 nm Αρ. Πατέντας: 20030100368 (Εθνική καταχώρηση ευρεσιτεχνίας 2004) WO 2005/024362 (Application Number PCT/GR2004/000005)

2006

Hatziemmanouil E. and Samaras Z., 5 July 2006 “Method for the Refinement of Vegetable Oil and Additive for their Usage in Automotive Applications”, Greek Patent Application No. 20060100421.

Samaras Z. and Koltsakis G., 20-09-2006 “Gas Treatment Device”, Greek Patent Application No. 20060100530.

Samaras Z. and Koltsakis G., 30 October 2006 “Filtering Device for Diesel Engine Exhaust Gas” Greek Patent Application No. 2005010058, 31 October 2005, International application number PCT/GR2006/000058.

Samaras Z., Koltsakis G.: Filtering device for diesel engine exhaust gas: PCT/GR2006/000058, (αρ. Αίτησης OBI: 20050100558)

Samaras Z., Koltsakis G.: Gas treatment device (αρ. Αίτησης OBI: 20060100530)

Τμήμα Χημικών Μηχανικών

Άρθρα σε περιοδικά με κριτές

2001

- Albanakis K., Mitrakas M., Moustaka-Gouni M. and Psilovikos A., 2001, Determination of the Environmental Parameters that Influence Sulphide Formation in the Newly Formed UThesaurus Reservoir, in Nestos River, Greece, *Fresenius Envir. Bul.*, 10(6), 566-571.
- Alexandridou S., Kiparissides C., Mange F. and Foissy A., 2001, Surface Characterization of Oil-containing Polyterephthalamide microcapsules prepared by Interfacial Polymerization, *J. Microencapsulation*, 18, No 6, 767-781.
- Assael M.J. and Dalaouti N.K., 2001, The Thermal Conductivity of Toluene + Cyclopentane Mixtures: Measurements and Prediction, *International Journal of Thermophysics*, 22, 659-678.
- Assael M.J., Avelino H.M., Dalaouti N.K., Fareleira J.M.N.A., and Harris K., 2001, Reference Data for the Viscosity of Toluene over a wide Range of Pressures, *International Journal of Thermophysics*, 22, 789-799.
- Assael M.J., Dalaouti N.K. and Wakeham W.A., 2001, Prediction of the Viscosity of Liquid Mixtures, *International Journal of Thermophysics*, 22, 1727-1737.
- Assael M.J., Dalaouti N.K., and Vesovic V., 2001, Viscosity of Natural-Gas Mixtures: Measurements and Prediction, *International Journal of Thermophysics*, 22, 61-71.
- Bakola-Christianopoulou M. 2001, Silylation-desilylation of quinones and their derivatives, Review, *Applied Organometallic Chemistry*, 15, 889-900.
- Bikiaris D., Matzinos P., Prinos J., Flaris V., Larena A., Panayiotou C., 2001, Use of silanes and copolymers as adhesion promoters in glass fiber/polyethylene composites, *J. of Appl. Polym. Sci.* 80, 2877-2888.
- Bikiaris D., Matzinos P.D., Prinos J., Larena A., and Panayiotou. C., 2001, Use of silane agents and copolymers as adhesion promoters in Glass Fiber/Polypropylene Composites, *J. of Appl. Polym. Sci.* 81, 701-709.
- Bikiaris D., P. Matzinos, J. Prinos, V. Flaris, A. Larena, C. Panayiotou, 2001, Use of silanes and copolymers as adhesion promoters in glass fiber/polyethylene composites, *Journal of Applied Polymer Science* 80, 2877-2888.
- Bikiaris, D., Matzinos, P.D., Prinos, J., Larena, A., and Panayiotou. C., 2001, Use of silane agents and copolymers as adhesion promoters in Glass Fiber/Polypropylene Composites. *J. of Appl. Polym. Sci.* 81, 701-709.

Boudouris D., Prinos J., Bridakis M., Pantoula M., and Panayiotou C., 2001, Measurement of HCFC-22 and HFC-152a sorption by polymers using a quartz crystal microbalance, *Ind. Eng. Chem. Res.*, 40(2), 604-611.

Boudouris D., Prinos J., M. Bridakis, M. Pantoula, and C. Panayiotou, 2001, Measurement of HCFC-22 and HFC-152a sorption by polymers using a quartz crystal microbalance, *Ind. Eng. Chem. Res.*, 40(2), 604-611.

Dabou X.S., Samaras P. and Sakellaropoulos G.P., 2001, Modification of Activated Carbon Fiber Pore Structure by Coke Deposition, *Journal de Physique*, IV, 11 (3), 787.

Dini E., Alexandridou S. and Kiparissides C., 2001, Synthesis and Characterization of Crosslinked Microparticles for Drug Delivery, *Chimia*, 55, 239-241.

Frankel R., Kernbach U., Bakola-Christianopoulou M., Plaia U., Suter M., Ponikawar W., Noth H., MOinet C., Fehlhammer W., 2001, Homoleptic carbene complexes. part viii. hexacarbene complexes, *J. Organomet Chem*, 617-618, 530-545.

Fuchs S., Leveles L., Seshan K., Lefferts L., Lemonidou A.A., Lercher J.A., 2001, Oxidative Dehydrogenation of Ethane and Propane over LiDyMg Mixed Oxides, *Topics in Catalysis*, 15, 169-174.

Georgolios N., Kyriacou G., Ritzoulis G., 2001, Electrochemical reduction of dichloro-difluoromethane on silver and lead electrodes, *J. Appl. Electrochem.*, 31 (2), 207-212.

Karabelas A.J., Yiantsios S.G., Metaxiotou Z., Andritsos N., Akiskalos A., Vlachopoulos A., and Stavroulias S., 2001, Water and materials recovery from fertilizer industry acidic effluents by membrane processes", *Desalination* 138, 93-102.

Karatasos K., Adolf D.B. and Davies G.R., 2001, Statics and Dynamics of model dendrimers as studied by molecular dynamics simulations, *J. Chem. Phys.* 115, 5310.

Karatasos K., and Ryckaert J.-P., 2001, Polyisobutylene dynamics revisited, *Macromolecules (Communication)* 34, 7232.

Karatasos K., Saija F. and Ryckaert J.-P., 2001, Short length-scale dynamics of Polyisobutylene by molecular dynamics simulations, *Physica B* 301, 119.

Laidou I.A., Thanassoulopoulos C.C. and Liakopoulou-Kyriakides M., 2001, Diffusion of patulln in the flesh of pears inoculated with four postharvest payhogens, *Journal of Phytopathology*, 149, 457-461.

Lazaridis N., Alexopoulos A. and Kiparissides C., 2001, Semi-Batch Emulsion Copolymerization of Vinyl Acetate and Butyl Acrylate Using Oligomeric Nonionic Surfantants, *Macromol. Chem. Phys.*, 202, 2614-2622.

- Lemonidou A.A., 2001, n-Butane Oxidative Dehydrogenation Kinetics over Vanadia Magnesia Catalyst, *Appl. Catal. A*, 216, 277-284.
- Liakopoulou-Kyriakides M., Karakatsanis A., Stamatoudis M. and Psomas S., 2001, Synergistic hydrolysis of crude starch by α -amylases and glucoamylases of various origin, *Cereal Chemistry*, 78, 30085-30091.
- Markopoulos J. and Alexiou S., 2001, Gas Hold-up in Gas-Liquid Contactors Agitated by Pitched Blade Turbines, *Chem.Eng.Comm.*, 187, 265-268.
- Markopoulos J. and Pantouflas E., 2001, Power Consumption in Gas-Liquid Contactors Agitated by Double-Stage Rushton Turbines, *Chem.Eng.Technol.*, 24, 1147-1150.
- Matzinos P.D., Bikiaris D., Kokkou S. and Panayiotou C., 2001, Processing and characterization of LDPE/Starch Products. *J. of Appl. Polym. Sci.* 79, 2548-2557.
- Matzinos, P.D., Bikiaris, D., Kokkou, S. and Panayiotou. C., 2001, Processing and characterization of LDPE/Starch Products. *J. of Appl. Polym. Sci.* 79, 2548-2557.
- Mitrakas M., 2001, A Survey of Arsenic Levels in Tap, Underground, and Thermal Mineral Waters of Greece, *Fresenius Envir. Bul.*, 10(6), 717-721.
- Mourikas G., Seferlis P., Morris A. J., Kiparissides C., 2001, On-line Optimal Operating Policy and Control of a Batch Free Radical Polymerization Process, *Computer Aided Chemical Engineering*, 9, 705-710.
- Mouza A.A., Paras S.V., Karabelas A.J., 2001, CFD Code Application to Wavy Stratified Gas-Liquid Flow, *Chemical Engineering Research & Design Part A* 79, 561-568.
- Mouza A.A., Paras S.V., Karabelas A.J., 2001, CFD Code Application to Wavy Stratified Gas-Liquid Flow, *Chemical Engineering Research & Design Part A* 79, 561-568.
- Orfanoudaki T., Dolios I., Korili S.A., Samaras P., Platakis N. and Sakellaropoulos G.P., 2001, Plasma Enhanced Chemical Vapor Deposition of Propylene on Activated Carbon Fibers, *Journal de Physique IV*, 11 (3), 787.
- Papagianni M., Psomas S.K., Batsilas L., Paras S., Kyriakidis D.A. and Liakopoulou-Kyriakides M., 2001, Xanthan production by *Xanthomonas campestris* in batch cultures, *Process Biochemistry*, 37, 73-80.
- Papagianni M., Psomas S.K., Batsilas L., Paras S.V., Kyriakidis D.A., Liakopoulou-Kyriakides M., 2001, Xanthan production by *Xanthomonas campestris* in batch cultures, *Process Biochemistry* 37, 73-80.
- S. Hotston, Adolf D.B., Karatasos K., An Investigation into the local segmental dynamics of Polyethylene: an isothermal/isobaric molecular dynamics study, 2001, *Chem. Phys.* 115, 5, 2359.

Samaras P., Blumenstock M., Lenoir D., Schramm K.W. and Kettrup A., 2001, PCDD/F Inhibition by Prior Addition of Urea to the Solid Fuel in Laboratory Experiments and Results Statistical Evaluation, *Chemosphere*, 42, 737.

Samaras P., Skodras G., Sakellaropoulos G. P., Blumenstock M., Schramm K.W. and Kettrup A., 2001, Toxic Emissions During Co-combustion of Biomass-Wastewood-Lignite Blends in an Industrial Boiler, *Chemosphere*, 43 (4-7), 751.

Sarigiannis Y., Stavropoulos G., Liakopoulou-Kyriakides M. and Makris P., 2001, Synthesis of RGD analogs incorporating salicylic acid derivatives and their biological activity on platelet aggregation in vitro, *Amino Acids*, 21, 72.

Stavropoulos Y. and Kiparissides C., 2001, Development of a Prototype MSPC Software Package for On-line Process Monitoring and Statistical Quality Control, *Comp. Appl. in Eng. Edu.*, 9, 157-170.

Stavropoulos Y. and Kiparissides C., 2001, Development of a software package for quality assurance and statistical process control, *Tech. Chron. Science Journal, TCG*, V 21 (1-2) : 7-17.

Stavropoulos Y., Kammona O., Chatzi E.G. and Kiparissides C., 2001, Multivariate Statistical Analysis of Mid-Infrared Spectra for the On-line Monitoring of 2-Ethylhexyl Acrylate/Styrene Emulsion Copolymerization, *J. of Appl. Pol. Sci.*, 82, 1776-1787.

Taimoori M., Panayiotou C., 2001, The non-random distribution of free volume in fluids: non-polar systems, *FLUID PHASE EQUILIBRIA*, 192 (1-2), 155-169.

Taimoori M., Panayiotou C., 2001, The non-random distribution of free volume in fluids: non-polar systems, *FLUID PHASE EQUILIBRIA*, 192 (1-2), 155-169.

Vakalopoulou P., Stavropoulos G., Liakopoulou-Kyriakides M., Iakovidou Z. and Mioglou E., 2001, Synthesis of Substance P C-terminal analogs incorporating D-Trp and studies of their antineoplastic properties in vitro, *Amino Acids*, 21, 73.

Vlachos N.A., Paras S.V., Mouza A.A., Karabelas A.J., 2001, Visual Observations of flooding in narrow rectangular channels, *Int. J. Multiphase Flow* 27, 8, 1415-1430.

Vlachos N.A., Paras S.V., Mouza A.A., Karabelas A.J., 2001, Visual Observations of flooding in narrow rectangular channels, *Int. J. Multiphase Flow* 27, 8, 1415-1430.

Vlachou M., Christofides G., Sikalidis C., Kassoli-Fournaraki A., Eleftheriadis G., 2001, Upgrading of K-Feldspars of Samothraki island (NE Aegean sea) Igneous Rocks for use in the Ceramic and Glass Industry, *Bulletin of the Geological Society of Greece*, Vol 34/3, 1177-1182.

Yiagopoulos A., Yiannoulakis H., Morris J. and Kiparissides C., 2001, Simulation of an Industrial Olefin Polymerization FBR Operating under Condensed Mode, *Computer Aided Chemical Engineering*, 9, 327-332.

Yiagopoulos A., Yiannoulakis H., Dimos V. and Kiparissides C., 2001, Heat and Mass Transfer Phenomena during the Early Growth of a Catalyst Particle in Gas Phase Olefin Polymerizations: The Effect of Prepolymerization Temperature and Time, *Chem. Eng Sci*, 56, 3979-3995.

Yiannoulakis H., Yiagopoulos A. and Kiparissides C., 2001, Recent Developments in the Particle Size Distribution Modeling of Fluidized Bed Olefin Polymerization Reactors, *Chem. Eng. Sci.*, 56, 917-925.

Yiantsios S.G and Karabelas A.J., 2001, An experimental study of humic acid and powdered activated carbon on UF membranes and their removal by backwashing ", *Desalination* 140, 195-209.

2002

Kiparissides C., Seferlis P., Mourikas G. and Morris A.J., 2002, On-line Optimizing Control of Molecular Weight Properties in Batch Free Radical Polymerization Reactors, *Ind. & Eng. Chem Res.* 41(24), 6120-6131 (2002).

Alexopoulos A.H., Maggioris D. and Kiparissides C., 2002, CFD Analysis of Turbulence Non-Homogeneity in Mixing Vessels a Two-compartment Model, *Chem Eng Sci*, 57(10), 1735-1752.

Andrikopoulos N.K., Kaliora A.C., Assimopoulou A.N., Papageorgiou V.P., 2002, Biological Activity of Saliva Against In Vitro LDL Oxidation After Chewing Commercial Chewing Gums, *It. J. Food Sci.*, 14 (3), 279-289.

Andrikopoulos N.K., Kaliora A.C., Assimopoulou A.N., Papageorgiou V.P., 2002, Inhibitory activity of minor polyphenolic and nonpolyphenolic constituents of olive oil against in vitro Low-Density Lipoprotein oxidation, *J. Med. Food*, 5(1), 1-7.

Andritsos, N., Yiantsios S.G and Karabelas A.J., 2002, Calcium Phosphate scale formation from simulated milk ultrafiltrate solutions", *ICHEME Transactions Part C - Food and Bioproducts Processing* 180, 223-230.

Assael M.J., Dalaouti N.K., and Metaxa I., 2002, On the Correlation of Transport Properties of Liquid Mixtures, *Fluid Phase Equilibria*, 199, 237-247.

Assael M.J., Dix M., Gialou K., Vozar L. and Wakeham W.A., 2002, Application of the Transient Hot-Wire Technique to the Measurement of the Thermal Conductivity of Solids, *International Journal of Thermophysics*, 23, 615-633.

Karagiannakis G., Zisekas S. and Stoukides M., 2002, Hydrogenation of Carbon Dioxide in a Proton Conducting Cell Reactor, *Ionics*, 8, 123.

Karatasos K., Ryckaert J.-P, Ricciardi R. and Lauprêtre F., 2002, Methyl dynamics and b-relaxation in polyisobutylene: comparison between experiments and molecular dynamics simulations, *Macromolecules* 35, 1451.

Keramopoulos A. and Kiparissides C., 2002, Development of a Comprehensive Model for Diffusion-Controlled Free-Radical Copolymerization Reactions, *Macromolecules*, 35 (10), 4155-4166.

Kiparissides C., Achilias D.S. and Frantzakinakis C., 2002, The Effect of Oxygen on the Kinetics and Particle Size Distribution in Vinyl Chloride Emulsion Polymerization, *Ind. & Eng. Chem Res.* 41(13), 3097-3109.

Kourounakis A.P., Assimopoulou A.N., Papageorgiou V.P., A. Gavalas, P.N. Kourounakis, 2002, Alkannin and Shikonin: Effect on free radical processes and on inflammation. A preliminary pharmacochemical investigation, *Arch. Pharm. Pharm. Med. Chem.*, 335(6), 262-266.

Laidou I.A, Thanassouloupoulos C.C. and Liakopoulou-Kyriakides M., 2002, Patulin and other metabolites produced by fungi in pears, *Acta Horticulture*, 592.

Lemonidou A.A., I.A. Vasalos I.A., 2002, Carbon Dioxide Reforming of Methane over 5wt% Ni/CaO-Al₂O₃, *Appl Catal. A*, 228, 227-235.

Lioumbas I.S., Mouza A.A., Paras S.V., 2002, Local velocities inside the gas phase in counter current two-phase flow in a narrow vertical channel, *Chemical Engineering Research & Design* 80, 6, 667-673.

Lioumbas I.S., Mouza A.A., Paras S.V., 2002, Local velocities inside the gas phase in counter current two-phase flow in a narrow vertical channel, *Chemical Engineering Research & Design* 80, 6, 667-673.

Machli M., Heracleous E., Lemonidou A.A., 2002, Effect of Mg modification on the catalytic performance of V catalysts in oxidative dehydrogenation of propane", *Appl. Catal. A*, 236, 23-34.

Mantzouridou F., Roukas T. and Liakopoulou-Kyriakides M., 2002, Optimization of β -carotene production from synthetic medium by *Blakeslea trispora*. A mathematical modeling, *Applied Biochemistry and Biotechnology*, 101, 153-175.

Markopoulos J., Paras S.V. and Babalona E., 2002, Dispersion Characteristics of Gas-Liquid Contactors Agitated by Single- and Double Stage Rushton Turbines, *Chem.Eng.Technol.*, 25, 163-166.

Markopoulos J., Paras S.V., Babalona E., 2002, Dispersion characteristics of gas-liquid contactors agitated by single and double-stage Rushton turbines, *Chemical Engineering & Technology* 25, 2, 163-166.

Matzinos P., Tserki V., Gianikouris C., Pavlidou E., Panayiotou C., 2002, Processing and characterization of LDPE/starch/PCL blends, *EUROPEAN POLYMER JOURNAL*, 38 (9), 1713-1720.

- Matzinos P., Tserki V., Gianikouris C., Pavlidou E., Panayiotou C., 2002, Processing and characterization of LDPE/starch/PCL blends, EUROPEAN POLYMER JOURNAL, 38 (9), 1713-1720.
- Matzinos P., Tserki V., Kontoyiannis A., Panayiotou C., 2002, Processing and characterization of starch/polycaprolactone products, POLYMER DEGRADATION AND STABILITY, 77 (1), 17-24.
- Matzinos P., Tserki V., Kontoyiannis A., Panayiotou C., 2002, Processing and characterization of starch/polycaprolactone products, POLYMER DEGRADATION AND STABILITY, 77 (1), 17-24.
- Metaxas A.A., Tzartos S. and Liakopoulou-Kyriakides M., 2002, Synthesis of hexapeptides and production of antipeptide antibodies for the S7, L6 and L13 ribosomal proteins of Escherichia coli, Journal of Peptide Science, 118-124.
- Missopolinou D., Ioannou K., Prinou I., Panayiotou C., 2002, Thermodynamics of alkoxyethanol + alkane mixtures, Zeitschrift fur Physikalische Chemie 216 (7), 905-918.
- Missopolinou, D., Ioannou, K., Prinou, I., Panayiotou, C., 2002, Thermodynamics of alkoxyethanol + alkane mixtures, Zeitschrift fur Physikalische Chemie 216 (7), 905-918.
- Mouza A.A., Paras S.V., Karabelas A.J., 2002, The influence of small tube diameter on falling film and flooding phenomena, Int. J. Multiphase Flow 28, 8, 1311-1331.
- Mouza A.A., Paras S.V., Karabelas A.J., 2002, The influence of small tube diameter on falling film and flooding phenomena. Int. J. Multiphase Flow 28, 8, 1311-1331.
- Pachatouridis Ch., Iakovidou Z., Myoglou E., Mourelatos K., Pantazaki A., Papageorgiou V.P. and Liakopoulou-Kyriakides M., 2002, Synthesis of Quinonyl-peptides and their gonotoxic effect in human lymphocytes, Anticancer Drugs, 13, 367-372, 2002.
- Panayiotou C., 2002, Interfacial tension and interfacial profiles of fluids and their mixtures, Langmuir 18 (23), 8841-8853.
- Panayiotou, C., 2002, Interfacial tension and interfacial profiles of fluids and their mixtures, Langmuir 18 (23), 8841-8853.
- Papageorgiou V.P., Assimopoulou A.N., Kyriacou G., 2002, Determination of naturally occurring hydroxynaphthoquinone polymers by Size Exclusion Chromatography, Chromatographia, 55 (7/8), 423-430.
- Papageorgiou V.P., Assimopoulou A.N., Kyriacou G., 2002, Determination of naturally occurring hydroxynaphthoquinone polymers by size-exclusion chromatography, Chromatogr., 55 (7-8), 423-430.

- Poulios I., Kyriacou G., 2002, Photocatalytic degradation of coumaric acid over aqueous suspensions of TiO₂, *Environ.l Techn.*, 23 (2), 179-187.
- Roukas T. and Liakopoulou-Kyriakides M., 2002, Optimization study for the production of citric and gluconic acid from fig water extract by *Aspergillus niger* in surface fermentation, *Food Biotechnology*, 16, 17-28, 2002.
- Sarigiannis Y., Stavropoulos G. and Liakopoulou-Kyriakides M., 2002, Synthetic RGD peptides incorporating salicylic acid derivatives show antiplatelet activity in vitro, *J. Peptide Science*, Supl v8, PC29.
- Sarigiannis Y., Stavropoulos G.P., Liakopoulou-Kyriakides M., 2002, Novel synthetic RGD analogs incorporating salicylic acid derivatives show antiplatelet activity in vitro, *Letters in Peptide Science*, 9, 101-109.
- Seretoudi G., Bikiaris D., Panayiotou C., 2002, Synthesis, characterization and biodegradability of poly(ethylene succinate)/poly(epsilon-caprolactone) block copolymers, *POLYMER*, 43 (20), 5405-5415.
- Seretoudi G., Bikiaris D., Panayiotou C., 2002, Synthesis, characterization and biodegradability of poly(ethylene succinate)/poly(epsilon-caprolactone) block copolymers, *POLYMER*, 43 (20), 5405-5415.
- Siderides G., Kastrinakis E.G., Nychas S.G., 2002, Scalar Transport in a Quasi Two-Dimensional Wake interacting with a Boundary Layer, *Int. J. Heat Mass Transfer*, 45, 1965-1982.
- Sikalidis C.A., Zabaniotou A.A., Famellos S.P., 2002, Utilization of municipal solid wastes for mortar production, *Resources, Concervation and Recycling*, 36, 155-167.
- Skodras G. and Sakellaropoulos G.P., 2002, Mineral Mater Effects in Lignite Gasification, *Fuel Processing Technology*, 77-78, 151 .
- Skodras G., Grammelis P., Samaras P., Vourliotis P., Kakaras E. and Sakellaropoulos G.P., 2002, Emissions Monitoring During Coal Waste Wood Co-combustion in an Industrial Steam Boiler, *Fuel*, 81 (5), 547.
- Skodras G., Orphanoudaki Th., Kakaras E. and Sakellaropoulos G.P., 2002, Production of Special Activated Carbon from Lignite for Environmental Purposes, *Fuel Processing Technology*, 77-78, 75.
- Stoforos N.G., Crelier S., Robert M.-C. and Taoukis P.S., 2002, Kinetics of tomato pectin methylesterase inactivation by temperature and high pressure, *Journal of Food Science*, 67(3), 1026-1031.
- Stoforos, N.G., Crelier S., Robert, M.-C., and Taoukis, P.S., 2002. Kinetics of tomato pectin methylesterase inactivation by temperature and high pressure. *Journal of Food Science*, 67(3): 1026-1031.

Vlachou T., Prinos I., Vera J.H., Panayiotou C.G., 2002, Nonrandom distribution of free volume in fluids and their mixtures: Hydrogen-bonded systems, *Industrial and Engineering Chemistry Research* 41 (5), 1057-1063.

Vlachou, T., Prinos, I., Vera, J.H., Panayiotou, C.G., 2002, Nonrandom distribution of free volume in fluids and their mixtures: Hydrogen-bonded systems, *Industrial and Engineering Chemistry Research* 41 (5), 1057-1063.

Yiantsios S.G and Karabelas A.J., 2002, An assessment of the Silt Density Index based on RO Membrane Colloidal Fouling experiments with Iron Oxide", *Desalination* 151, 229-238.

Yiantsios S.G and Karabelas A.J., 2002, Deposition of micron-sized particles on flat surfaces: effects of hydrodynamic and physicochemical conditions on particle attachment efficiency", *Chem. Eng. Sci.* 58, 3105-3113.

Zabaniotou A., Lagoudakis J., Toumanidou E., and Stavropoulos G., 2002, Energetic valorization of used tires pyrolysis, *Energy Sources*, 24(9), 843-854.

Zabaniotou A., Lagoudakis J., E. Toumanidou, G. Stavropoulos, 2002. Energetic Utilization of Used Tires. *Energy Sources* 24(9):843-854.

Zabaniotou A., Sikalidis C. A., S. P. Camellos, 2002 Utilization of municipal solid wastes for mortar production. *Resources, Conservation and Recycling*. 36:155-167.

Zabaniotou, N. Giannoulidis, 2002. Incineration of Municipal Solid Waste with Electricity production and Environmental Safety: The Case of a Small Capacity Unit in Greece. *Energy Sources* 24:115-126.

Zaspalis V.T., Antoniadis E., Papazoglou E., Tsakaloudi V., Nalbandian L., Sikalidis C.A., 2002, The effect of Nb₂O₅ dopant on the structural and magnetic properties of Mn-Zn-ferrites, *Journal of Magnetism and Magnetic Materials*, 250, 98 – 109.

Zisekas S., Karagiannakis G., Marnellos G. and Stoukides M., 2002, Study of Ammonia Decomposition in a Proton Conducting Solid Electrolyte Cell, *Ionics*, 8, 118.

Zlatanov S., Laskaridis K., Feist C., Sagredos A., 2002, CLA content and fatty acid composition of Greek Feta and hard cheeses, *Food Chemistry* 78, 471-477.

2003

Kiparissides C., Dimos V., Boulouka T., Anastasiadis A. and Chasiotis A., 2003, An Experimental and Theoretical Investigation of Solubility and Diffusion of Ethylene in Semi-crystalline PE at Elevated Pressure and Temperature, *J. of Appl. Pol. Sci.* 87, 953-966.

Andrikopoulos N.K., Kaliora A.C., Assimopoulou A.N., Papageorgiou V.P., 2003, Biological activity of some naturally occurring resins, gums and pigments against in vitro LDL oxidation, *Phytotherapy Res.*, 17(5), 501-507.

Arialdi G, Karatasos K., Ryckaert J.-P., Arrighi V., Saggio F., Triolo A., Desmedt A., Pieper J., and Lechner A.E., Local Dynamics of Polyethylene and its Oligomers : A Molecular Dynamics Interpretation of the Incoherent Dynamic Structure Factor, 2003, *Macromolecules* 36, 8864.

Assael M.J. and Gialou K. 2003, A Transient Hot-Wire Instrument for the Measurement of the Thermal Conductivity of Solids up to 590 K, *International Journal of Thermophysics*, 24, 667-675.

Assael M.J. and Gialou K., 2003, Measurement of the Thermal Conductivity of Stainless Steel AISI 304 L up to 590 K, *International Journal of Thermophysics*, 24, 1145-1153.

Assael M.J., Oliveira C., and Wakeham W.A., 2003, Towards the Viscosity of Refrigerant/Oil Mixtures, *Fluid Phase Equilibria*, 210, 5-19.

Assimopoulou A.N., Papageorgiou V.P., Kiparissides C., 2003, Synthesis and Release Studies of Shikonin-Containing Microcapsules Prepared by the Solvent Evaporation Method, *J Microencapsul*, 20(5), 581-596.

Assimopoulou A.N., Papageorgiou V.P., Kiparissides C., 2003, Synthesis and release studies of shikonin-containing microcapsules prepared by the solvent evaporation method, *J. Microencapsulation*, Sep-Oct, 20(5), 581-596.

Bakola-Christianopoulou M., Apazidou K., Stoyanov S., Akrivos P., 2003, Application of Spectroscopic and Computational methods in the Study of the Electronic Excitations of Partially Silylated Hydroxyquinones, *Spectrochimica Acta*, 59, 1017-1024.

Chatzidoukas C., Perkins J.D., Pistikopoulos E.N. and Kiparissides C., 2003, Optimal Grade Transition and Selection of Feedback Control Loops in a Gas-Phase Polyolefin FBR using a Mixed Integer Dynamic Optimisation Approach, *Chem Eng Sci*, 58, 3643-3685 (2003)

Chatzidoukas C., Pladis P. and Kiparissides C., 2003, Mathematical Modeling of Dispersion Polymerization of Methyl Methacrylate in Supercritical Carbon Dioxide, *Ind. & Eng. Chem Res.*, 42, 743-751.

Dagounaki K., Kassoli-Fournaraki A., Tsirambides A., Sikalidis C., 2003, The carbonate rocks of Kozani area (NM Macedonia, Greece) in regard to certain industrial applications, *Slovak Geol. Mag.* 9, 4, 281-285.

Dessipri E., Minopoulou E., Chryssikos G.D., Gionis V., Paipetis A., Panayiotou C., 2003, Use of FT-NIR spectroscopy for on-line monitoring of formaldehyde-based resin synthesis, *European Polymer Journal* 39 (8), 1533-1540.

- Dessipri, E., Minopoulou, E., Chryssikos, G.D., Gionis, V., Paipetis, A., Panayiotou, C., 2003, Use of FT-NIR spectroscopy for on-line monitoring of formaldehyde-based resin synthesis, *European Polymer Journal* 39 (8), 1533-1540.
- Dini E., Alexandridou S. and Kiparissides C., 2003, Synthesis and Characterization of Crosslinked Chitosan Microspheres for Drug Delivery Applications, *J. Microencapsulation*, 20(3), 375-385.
- Goudoulas T.B., Kastrinakis E.G., Nychas S. G., 2003, Rheological Aspects of Dense Lignite-Water Suspensions; Time Dependence, Preshear and Solids Loading Effects, *Rheol Acta*, 42, 73-85.
- Heracleous E., Lee A.F., Vasalos I.A., Lemonidou A.A., 2003, Surface properties and reactivity of Al₂O₃-supported catalysts in ethane oxidative dehydrogenation", *Catal. Letters*, 88, 47-53.
- Kaldis S.P., Skodras G. and Sakellaropoulos G.P., 2003, Energy and Capital Cost Analysis of CO₂ Capture in Coal IGCC Processes via Gas Separation Membranes, *Fuel Processing Technology*, 85, 337-346.
- Kalogiannis S., Iakovvidou G., Liakopoulou-Kyriakides M., Kyriakidis D. and Skarakis G.N., 2003, Optimization of xanthan gum production by *Xanthomonas campestris* grown in molasses, *Process Biochemistry*, 39, 249-256,.
- Kammona O., Frantzikinakis C., Pladis P. and Kiparissides C., 2003, A Comprehensive Experimental & Theoretical Investigation of the Styrene/2-Ethylhexyl Acrylate Emulsion Copolymerization, *Macromolecular Chem & Phys*, 204, 983-999.
- Kapantaidakis G.C., Koops G.H., Wessling M., Kaldis S.P. and Sakellaropoulos G.P., 2003, CO₂ Plasticization of Polyethersulfone/Polyimide Gas-Separation Membranes, *AIChE J.*, 49(7), 1702-11.
- Karagiannakis G., Zisekas S. and Stoukides M., 2003, Hydrogenation of Carbon Dioxide on Cu in a H⁺ Conducting Membrane Reactor, *Solid State Ionics* 162-163, 313.
- Keramopoulos A. and Kiparissides C., 2003, Mathematical Modeling of Diffusion-Controlled Free-Radical Terpolymerization Reactions, *J. of Appl. Pol. Sci.* 88, 161-176.
- Kotoulas C., Krallis A., Pladis P. and Kiparissides C., 2003, A Comprehensive Kinetic Model for the Combined Chemical and Thermal Polymerization of Styrene up to High Conversion, *Macromolecular Chemistry and Physics*, 204, 1305-1314.
- Loukidou M.X., Matis K.A., Zouboulis A.I and Liakopoulou-Kyriakides M., 2003, Removal of As(V) from wastewaters by chemically modified fungal biomass, *Water Research*, 37, 4544-4552.

Mavroudi M., Kaldis S.P. and Sakellaropoulos G.P., 2003, Reduction of CO₂ Emissions by a Membrane Contacting Process, *Fuel*, 82, (15-17), 2153-59.

Minopoulou E., Dessipri E., Gionis V., Paipetis A., Panayiotou C., 2003, Use of NIR for structural characterization of urea-formaldehyde resins, *INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES*, 23(6), 473-484.

Minopoulou, E., Dessipri, E., Gionis, V., Paipetis, A., Panayiotou C., 2003, Use of NIR for structural characterization of urea-formaldehyde resins, *INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES*, 23(6), 473-484.

Mitrakas M. and Simeonidis K., 2003, Bromate Formation in Bottled Water During Ozone Disinfection, *Ozone Science & Engineering*, 25, 167-175.

Mitrakas M., Bougiouklis G. and Andritsos N., 2003, Removal of Particulates and Organics from Aliakmon River Water, *Fresenius Envir. Bul.*, 12(10), 1218-1227.

Mouza A.A., Paras S.V., Karabelas A.J., 2003, Incipient flooding in inclined tubes of small diameter, *Int. J. Multiphase Flow* 29, 9, 1395-1412.

Mouza A.A., Paras S.V., Karabelas A.J., 2003, Incipient flooding in inclined tubes of small diameter, *Int. J. Multiphase Flow* 29, 9, 1395-1412.

Orfanoudaki T., Skodras G., Dolios I. and Sakellaropoulos G.P., 2003, Production of Carbon Molecular Sieves by Plasma Treated Activated Carbon Fibers, *Fuel*, 82, (15-17), 2045-49.

Panayiotou C., 2003, Interfacial tension and interfacial profiles: An equation-of-state approach, *Journal of Colloid and Interface Science* 267 (2), 418-428.

Panayiotou C., APR 2 2003, Equation-of-state models and quantum mechanics calculations, *INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH*, 42 (7), 1495-1507.

Panayiotou C., APR 2 2003, Equation-of-state models and quantum mechanics calculations, *INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH*, 42 (7), 1495-1507.

Panayiotou C., FEB 2003, The QCHB model of fluids and their mixtures, *JOURNAL OF CHEMICAL THERMODYNAMICS*, 35 (2), 349-381.

Panayiotou C., FEB 2003, The QCHB model of fluids and their mixtures, *JOURNAL OF CHEMICAL THERMODYNAMICS*, 35 (2), 349-381.

Panayiotou, C., 2003, Interfacial tension and interfacial profiles: An equation-of-state approach, *Journal of Colloid and Interface Science* 267 (2), 418-428.

Papageorgiou V.P., Assimopoulou A.N., 2003, Lipids of the hexane extract from the roots of medicinal Boraginaceous species, *Phytochemical analysis*, 14, 251-258.

Parouti S., Kammona O., Kiparissides C. and Bousquet J., 2003, A Comprehensive Experimental Investigation of the Methyl Methacrylate/Butyl Acrylate/Acrylic Acid Emulsion Terpolymerization, *Polymer Reaction Engineering*, 11(4), 829-853.

Polydera A.C., Stoforos N.G. and Taoukis P.S., 2003, Comparative shelf life study and vitamin C loss kinetics in pasteurised and high pressure processed reconstituted orange juice. *Journal of Food Engineering*, 60, 21-29.

Polydera, A.C., Stoforos, N.G., and Taoukis, P.S., 2003. Comparative shelf life study and vitamin C loss kinetics in pasteurised and high pressure processed reconstituted orange juice. *Journal of Food Engineering*, 60: 21-29.

Sikalidis C.A., Zampetakis Th., Dagilas C., 2003, Magnesite in Porcelain type Ceramics, *L'Industrie Ceramique*, No 988, 22-27.

Skodras G., Kaldis S. P., Sakellaropoulos G.P., Sofialidis D. and Faltsi O., 2003, Simulation of a Molten Bath Gasifier by using a CFD Code, *Fuel*, 82(15-17), 2033-44.

Taimoori M., Panayiotou C., APR 1 2003, The non-random distribution of free volume in fluids: polydisperse polymer systems, *FLUID PHASE EQUILIBRIA*, 205 (2), 249-265.

Taimoori M., Panayiotou C., APR 1 2003, The non-random distribution of free volume in fluids: polydisperse polymer systems, *FLUID PHASE EQUILIBRIA*, 205 (2), 249-265.

Tserki V., Matzinos P., Panayiotou C., MAY 16 2003, Effect of compatibilization on the performance of biodegradable composites using cotton fiber waste as filler, *JOURNAL OF APPLIED POLYMER SCIENCE*, 88 (7): 1825-1835.

Tserki V., Matzinos P., Panayiotou C., MAY 16 2003, Effect of compatibilization on the performance of biodegradable composites using cotton fiber waste as filler, *JOURNAL OF APPLIED POLYMER SCIENCE*, 88 (7): 1825-1835.

Tzika M., Alexandridou S. and Kiparissides C., 2003, Evaluation of the Morphological and Release Characteristics of Coated Fertilizer Granules Produced in a Wurster Fluidized-Bed, *Powder Techn*, 132, 16-24.

Zabaniotou A. and E. Kassidi, 2003. Life cycle assessment applied to egg packaging made from polystyrene and recycled paper. *Journal of Cleaner Production* 11:549-559.

Zabaniotou A. and Stavropoulos G., 2003. Pyrolysis of used automobile tires and residual char utilization. *Journal of Analytical and Applied Pyrolysis* 70:711-722.

Zabaniotou A.A. and Stavropoulos G.G., 2003, Pyrolysis of used automobile tires and residual char utilization, *Journal of Analytical and Applied Pyrolysis*, 70, 2, 711-722.

Zisekas S., Karagiannakis G., Ouzounidou M., Skodra A. and Stoukides M., 2003, Polarization Phenomena at the Metal/Proton Conducting Electrolyte Interface, *Ionics*, 9, 115.

2004

Heracleous E., Lemonidou A.A., 2004, Homogeneous and heterogeneous pathways of ethane oxidative and non-oxidative dehydrogenation studied by temperature programmed reaction", *Appl. Catal. A*, 269, 123-35.

Zabaniotou A., Madau P., P.D. Oudenne, C.G. Jung, M.-P. Delplancke and A. Fontana, 2004. Active carbon production from used tire in two-stage procedure: industrial pyrolysis and bench scale activation with H₂O–CO₂ mixture. *Journal of Analytical and Applied Pyrolysis* 72:289-297.

Alexopoulos A.H., Roussos A.I. and Kiparissides C., 2004, Part I: Dynamic Evolution of the Particle Size Distribution in Particulate Processes Undergoing Combined Particle Growth and Aggregation, *Chem Eng Sci*, 59, 5751.

Assael M.J. and Gialou K., Kakosimos K., Metaxa I.N., 2004, Thermal Conductivity of Reference Solid Materials, *International Journal of Thermophysics*, 25, 397-408.

Assael M.J., Bauer H., Dalaouti N.K. and Harris K.R., 2004, Reference Correlation for the Viscosity of Liquid Cyclopentane from 220 to 310 K at Pressures up to 25 MPa, *International Journal of Thermophysics*, 25, 13-20.

Assael M.J., Chen C.-F., Metaxa I., and Wakeham W.A., 2004, Thermal Conductivity of Carbon Nanotube Suspensions in water, *International Journal of Thermophysics*, 25, 971-985.

Assael M.J., Chen C.-F., Metaxa I.N., and Wakeham W.A., 2004, Thermal Conductivity of Nanofluids, *Thermal Conductivity 27/Thermal Expansion*, 15, 153-164.

Assimopoulou A.N., Papageorgiou V.P., 2004, Encapsulation of isohexenyl-naphthazarins in cyclodextrins, *Biomedical Chromatography*, 18, 240-247.

Assimopoulou A.N., Papageorgiou V.P., 2004, Preparation and release studies of alkannin-containing microcapsules, *J. Microencapsulation*, 21(2), 161-173.

- Assimopoulou A.N., Papageorgiou V.P., 2004, Study on isohexenylnaphthazarins polymerization in alkaline media, *Biomedical Chromatography*, 18(8), 508-522.
- Assimopoulou A.N., Papageorgiou V.P., 2004, Study on polymerization of the pharmaceutical substances isohexenylnaphthazarins, *Biomedical Chromatography*, 18(8), 492-500.
- Assimopoulou A.N., Papageorgiou V.P., 2004, Study on the enantiomeric ratio of the pharmaceutical substances alkannin and shikonin, *Biomedical Chromatography*, 18(8), 791-799.
- Assimopoulou A.N., Papageorgiou V.P., D. Boskou, 2004, Antioxidant activity of alkannin, shikonin and *Alkanna tinctoria* root extracts in oil substrates, *Food Chemistry*, 87, 433-438.
- Avgidou M.S., Kaldis S.P. and Sakellaropoulos G.P., 2004, Membrane Cascade Schemes for the Separation of LPG Olefins and Paraffins, *J. Membr. Sci.*, 233, 21-37.
- Bikiaris D., Prinós J., Botev M., Betchev C., Panayiotou C., 2004, Blends of polymers with similar glass transition temperatures: A DMTA and DSC study, *JOURNAL OF APPLIED POLYMER SCIENCE*, 93 (2), 726-735.
- Bikiaris D., Prinós J., Botev M., Betchev C., Panayiotou C., 2004, Blends of polymers with similar glass transition temperatures: A DMTA and DSC study, *JOURNAL OF APPLIED POLYMER SCIENCE*, 93 (2), 726-735.
- Christodoulakis A., Machli M., Lemonidou A.A., Boghosian S., 2004, Molecular structure and reactivity of vanadia based catalysts for propane oxidative dehydrogenation studied by in-situ raman spectroscopy and catalytic activity, *J. Catal.*, 222, 293-306.
- Dagounaki C., Chrissafis K., Kassoli-Fournaraki A., Tsirambides A., Sikalidis C., Paraskevopoulos K.M., Thermal characterization of carbonate rocks from Kozani area, North-Western Macedonia, Greece, 2004, *Journal of Thermal Analysis and Calorimetry – Vol. 78*, 295-306.
- Dagounaki C., Sikalidis C., Kassoli-Fournaraki A., Tsirambides A., 2004, Suitability of the Kozani's area (NW Macedonia, Greece) carbonate rocks for the cement industry and as aggregates in constructions, *Bulletin of the Geological Society of Greece*, Vol XXXVI, 80-88.
- Drosos EIP, Paras S.V., Karabelas A.J., 2004, Characteristics of developing free falling films at intermediate Reynolds and high Kapitza numbers, *Int. J. Multiphase Flow* 30, 7-8, 853-876.
- Heracleous E., Lemonidou A.A., Lercher J.A., 2004, Mechanistic features of the ethane ODH by in situ IR spectroscopy over MoO₃/Al₂O₃ catalyst, *Appl. Catal. A*, 264, 73-80.

Heracleous E., Vakros J., Lemonidou A.A., Kordulis Ch, 2004, Role of preparation parameters on the structure-selectivity properties of MoO₃/Al₂O₃ catalysts for the oxidative dehydrogenation of ethane, Catal. Today, 91-92C, 289-292.

Iliopoulou E.F., Evdou A., Lemonidou A.A., Vasalos I.A., 2004, Ag/alumina catalysts for the selective catalytic reduction of NO_x using various Reductants, Appl. Catal. A, 274, 179-189.

Kaldis S.P., Skodras G. and Sakellaropoulos G.P., 2004, Energy and Capital Cost Analysis of CO₂ Capture in Coal IGCC Processes via Gas Separation Membranes, Fuel Processing Technology, 85, 337-346.

Kanellopoulos V., Dompazis G. Gustafsson B. and Kiparissides C., 2004, A Comprehensive Analysis on Single Particle Growth in Heterogeneous Olefin Polymerization: The Random Pore Polymeric Flow Model, Ind. & Eng. Chem. Res., 43(17), 5166.

Kiparissides C., A Alexopoulos A. Roussos, G. Dompazis and C. Kotoulas, 2004, Population Balance Modeling of Particulate Polymerization Processes, Ind. & Eng. Chem. Res., 43(23), 7290.

Konsoula Z., M. Liakopoulou- Kyriakides, 2006, Starch Hydrolysis by the Action of an Entrapped in Calcium Alginate Capsules α -Amylase Produced from Bacillus subtili, Process Biochemistry, 41, 343-349.

Konsula Z., Liakopoulou-Kyriakides M., 2004, Hydrolysis of starches by the action of an α -amylase from Bacillus subtilis, Process Biochemistry, 39, 1745-1749.

Koutsou C.P., Yiantsios S.G., and Karabelas A.J., 2004, Numerical simulation of the flow in a plane-channel containing a periodic array of cylindrical turbulence promoters", J. Membrane Sci. 231, 81-90.

Krallis A., Kotoulas C., Papadopoulos E., Kiparissides C., Bousquet J. and Bonardi C., 2004, A Comprehensive Kinetic Model for the Free-Radical Polymerization of Vinyl Chloride Initiated by Mixture of Monofunctional and Bifunctional Initiators, Ind. & Eng. Chem. Res., 43(20), 6382.

Kungolos A., Hadjispyrou S., Petala M., Tsiridis V., Samaras P. and Sakellaropoulos G.P., 2004, Toxic Properties of Metals and Organotin Compounds and Their Interaction on D. magna and V. fischeri, Water, Air, and Soil Pollution: Focus 4 (4-5) 101-110.

Kungolos A., Hadjispyrou S., Petala M., Tsiridis V., Samaras P. and Sakellaropoulos G.P., 2004, Toxic Properties of Metals and Organotin Compounds and Their Interactions on D. magna and V. fischeri, Water, Air, and Soil Pollution: Focus 4, 101 – 110.

Lemonidou A.A., Lopez L, Manzer L., Barteau M.A., 2004, Dynamic microbalance studies of RbO_x/SiO₂ catalyst deactivation/regeneration for methylene valerolactone synthesis, Appl Catal. A, 272, 241-248.

Markopoulos J., Babalona E. and Tsiliopoulou E., 2004, Power Consumption in Agitated Vessels with Dual Rushton Turbines-Baffle Length and Impeller Spacing Effects, Chem.Eng.Technol., 27, 1212-1215.

Marnellos G. and Stoukides M., 2004, Catalytic Studies in Electrochemical Membrane Reactors, Solid State Ionics, 175, 597-603.

Nalbandian L., Lemonidou A.A., 2004, Thermal Decomposition of precursors and physicochemical characteristics of titania supported vanadia catalysts, Thermochemica Acta, 419, 149-159.

Panayiotou C, Pantoula M., Stefanis E., Tsivintzelis I., Economou I.G., 2004, Nonrandom hydrogen-bonding model of fluids and their mixtures. 1. Pure fluids, INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, 43 (20), 6592-6606.

Panayiotou C, Pantoula M., Stefanis E., Tsivintzelis I., Economou I.G., 2004, Nonrandom hydrogen-bonding model of fluids and their mixtures. 1. Pure fluids, INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, 43 (20), 6592-6606.

Polydera A.C., Galanou, E., Stoforos, N.G. and Taoukis P.S., 2004. Inactivation kinetics of pectin methylesterase of greek Navel orange juice as a function of high hydrostatic pressure and temperature conditions. Journal of Food Engineering, 62 (3): 291-298.

Polydera A.C., Stoforos N.G., and Taoukis P.S., 2004, The effect of storage on the antioxidant activity of reconstituted orange juice which had been pasteurised by high pressure or heat, International Journal of Food Science & Technology, 39, 783-791.

Polydera, A.C., Galanou, E., Stoforos, N.G., and Taoukis P.S., 2004. Inactivation kinetics of pectin methylesterase of greek Navel orange juice as a function of high hydrostatic pressure and temperature conditions. Journal of Food Engineering, 62 (3): 291-298.

Polydera, A.C., Stoforos, N.G., and Taoukis P.S., 2004. The effect of storage on the antioxidant activity of reconstituted orange juice which had been pasteurised by high pressure or heat. International Journal of Food Science & Technology, 39: 783-791.

Ritzoulis C., Scoutaris N., Demetriou E., Papademetriou K., Kokkou S., Stavroulias S., Panayiotou C., 2004, Formation of hydroxyapatite/biopolymer biomaterials. I. Microporous composites from solidified emulsions, JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART A 71A (4), 675-684.

Ritzoulis C., Scoutaris N., Demetriou E., Papademetriou K., Kokkou S., Stavroulias S., Panayiotou C., 2004, Formation of hydroxyapatite/biopolymer biomaterials. I. Microporous composites from solidified emulsions, JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART A 71A (4), 675-684.

Santos O., Nylander T., Rosmaninho R., Rizzo G. Yiantsios S.G., Andritsos N., Karabelas A.J., Muller-Steinhagen H., Melo L.F., Boulange-Petermann L., Gabet C., Braem A., Tragarth C., and Paulsson M., 2004, Modified stainless steel surfaces targeted to reduce fouling- Surface characterization", J. Food Eng. 64, 63-79.

Skodras G., Palladas A. and Sakellaropoulos G.P., 2004, Effect of Urea on PCDD/F Formation During Combustion of Coal and Olive Kernel in a Pilot Scale Boiler, Organohalogen Compounds, 66, 1199-1205 .

Stefanis E., Constantinou L., Panayiotou C., 2004, A group-contribution method for predicting pure component properties of biochemical and safety interest, INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, 43 (19), 6253-6261.

Stefanis E., Constantinou L., Panayiotou C., 2004, A group-contribution method for predicting pure component properties of biochemical and safety interest, INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, 43 (19), 6253-6261.

Tsiridis V., Petala M., Samaras P. and Sakellaropoulos G.P., 2004, An integrated approach for the assessment of toxic properties of fly ash, Waste Management 2004, ed. by Wessex Institute of Technology, Rhodes Island, Greece.

Tsvintzelis I., Missopolinou D., Kalogiannis K., Panayiotou C., 2004, Phase compositions and saturated densities for the binary systems of carbon dioxide with ethanol and dichloromethane, FLUID PHASE EQUILIBRIA, 224 (1), 89-96.

Tsvintzelis I., Missopolinou D., Kalogiannis K., Panayiotou C., 2004, Phase compositions and saturated densities for the binary systems of carbon dioxide with ethanol and dichloromethane, FLUID PHASE EQUILIBRIA, 224 (1), 89-96.

Vogiatzis N., Kotti K., Spanomitsios S. and Stoukides M., 2004, Analysis of wind potential and characteristics in North Aegean, Greece, Renewable Energy, 29, 1193-1208.

Zisekas S., Dedeloudis C., Stournaras C. and Stoukides M., 2004, Preparation of the SrCe_{0.95}Yb_{0.05}O_{3-a} Proton Conductor and study of the electrokinetics at the SCY-Pd interphase, 2004, Solid State Ionics, 175, 589-592.

Νταγκουνάκη Κ., Κασώλη-Φουρναράκη Α., Τσιραμπίδης Α., Σικαλίδης Κ., 2004, Ανθρακικοί σχηματισμοί της ευρύτερης περιοχής της Κοζάνης (ΒΔ Μακεδονία, Ελλάδα) και δυνατότητα αξιοποίησής τους στην υαλουργία, στην απομάκρυνση όξινων αερίων και στη μεταλλουργία, Bulletin of the Geological Society of Greece, Vol XXXVI, 34-42.

Σικαλίδης Κ., Καραγιαννίδης Ν., 2004, Χρησιμοποίηση Ορυκτών Πρώτων Υλών (Βιομηχανικών παραπροϊόντων) και μιγμάτων τους ως Εδαφοβελτιωτικών, Bulletin of the Geological Society of Greece, Vol XXXVI, 43-52.

2005

Alexopoulos A.H. and Kiparissides C., 2005, Part II: Dynamic Evolution of the Particle Size Distribution in Particulate Processes Undergoing Simultaneous Particle Nucleation, Growth and Aggregation, Chem Eng Sci, 60, 4157.

Anagnostopoulou M.A., Kefalas P., Kokkalou E., Assimopoulou A.N., Papageorgiou V.P., 2005, Analysis of antioxidant compounds in sweet orange peel by HPLC-DAD-MS (ESI+), Biomedical Chromatography, 19(2), 138-149.

Andras CD, Simandi B, Orsi F, Panayiotou, C., 2005, Supercritical carbon dioxide extraction of okra (*Hibiscus esculentus* L) seeds, J SCI FOOD AGR 85 (8), 1415-1419.

Andras CD, Simandi B, Orsi F, Panayiotou, C., 2005, Supercritical carbon dioxide extraction of okra (*Hibiscus esculentus* L) seeds, J SCI FOOD AGR 85 (8), 1415-1419.

Assael M.J., and Kakosimos K., 2005, Finite Element Simulation of Toxic Gas Dispersion in Urban Terrain: Preliminary Results, WIT Transactions: Ecology and Environment 82, 379-387.

Assael M.J., Botsios S., Chamizidis E., Gialou E., Gkontosidou E., Kakosimos K., 2005, On the Optimisation of the Design of Hollow Bricks, Brick & Tile International ZI 4, 32-36.

Assael M.J., Botsios S., Gialou K., and Metaxa I.N., 2005, The Thermal Conductivity of Polymethyl Methacrylate (PMMA) and Borosilicate Crown Glass BK7, International Journal of Thermophysics, 26, 1595-1605.

Assael M.J., Metaxa I., Arvanitidis J., Christofilos D., and Lioutas C., 2005, Thermal Conductivity Enhancement in Aqueous Suspensions of Carbon Multi-Walled and Double-Walled Nanotubes in the Presence of two Different Dispersants, International Journal of Thermophysics, 26, 647-664.

Assimopoulou A.N., Sinakos Z., Papageorgiou V.P., 2005, Radical scavenging activity of *Crocus sativus* L. extract and its bioactive constituents, Phytotherapy Research, 19, 997-1000.

Assimopoulou A.N., Papageorgiou V.P., 2005, Radical scavenging activity of *Alkanna tinctoria* root extracts and their main constituents, hydroxynaphthoquinones, Phytotherapy Research, 19(2), 141-147.

Assimopoulou A.N., Zlatanov S.N., Papageorgiou V.P., 2005, Antioxidant activity of natural resins and bioactive triterpenes in oil substrates, Food Chemistry, 92, 721-727.

Assimopoulou A.N., Zlatanov S.N., Papageorgiou V.P., 2005, Antioxidant activity of natural resins and bioactive triterpenes in oil substrates, *Food Chemistry*, 92, 721-727.

Babalona E., Bahouma D., Tagia S., Pantouflas E. and Markopoulos J., 2005, Power Consumption in Dual Impeller Gas-Liquid Contactors. Impeller Spacing, Gas Flow Rate and Viscosity Effects, *Chem. Eng. Technol.*, 28, 802-807.

Babalona E., Paras S.V. and Markopoulos J., 2005, Complete Dispersion Characteristics in Gas-Liquid Contactors Agitated by Single- and Double Stage Rushton Turbines, *Chem. Eng. Technol.*, 28, 137-139.

Babalona E., Paras S.V., Markopoulos J., 2005, Complete dispersion characteristics of gas-liquid contactors agitated by single and double-stage Rushton turbines, *Chemical Engineering & Technology* 28, 2, 137-139.

Baltsas A., Papadopoulos E., Kiparissides C., Congalidis J.P., Richards J.R., Kelly M.B. and Ye Y., 2005, Mathematical Modeling of LDPE Copolymers in High - Pressure Tubular Reactors, *Ind. & Eng. Chem. Res.*, 44, 2592 (2005) (Special Issue, in honor H.W. Ray)

Bronstein L.M., Vamvakaki M., Kostylev M., Katsamanis V., Stein B. and Anastasiadis S.H., 2005, Transformations of Poly(Methoxy hexa(ethylene glycol) methacrylate)-b-(2-(Diethylamino)ethyl methacrylate) Block Copolymer Micelles upon Metallation, *Langmuir* 21, 9747-9755.

Chrissopoulou K., Altintzi I., Anastasiadis S.H., Giannelis E.P., Pitsikalis M., Hadjichristidis N. and Theophilou N., 2005, Controlling the Miscibility of Polyethylene / Layered Silicate Nanocomposites by Altering the Polymer / Surface Interactions, *Polymer* 46, 12440-12451.

Davakis E., Andronopoulos S., Sideridis G., Kastrinakis E., Nychas S., Bartzis J., 2005, Evaluation of the Lagrangian particle dispersion model DIPCOT against data from wind tunnel simulations of quasi two-dimensional turbulent flow, *Int. J. Environment and Pollution*, 24, 114-126.

Dompazis G., Kanellopoulos V. and Kiparissides C., 2005, A Multi-scale Modeling Approach for the Prediction of Molecular and Morphological Properties in Multi-site Catalyst Olefin Polymerization Reactors, *Macromol Mater Eng*, 290, 525-536 .

Drosos E.P., Paras S.V., Karabelas A.J., 2005, Counter-current gas-liquid flow in vertical narrow channels - Liquid film characteristics and flooding phenomena, *Int. J. Multiphase Flow* 32, 1, 51-81.

Frick B., Alba-Simionesco C., Dosseh G., Le Quellec C., Moreno A.J., Colmenero J., Schönhals A., Zorn R., Chrissopoulou K., Anastasiadis S.H., Dalnoki-Veress K., 2005, Inelastic Neutron Scattering for Investigating the Dynamics of Confined Glass Forming Liquids, *J. Non-crystal. Solids* 351, 2657-2667.

Heracleous E., Lee A.F., Wilson K., Lemonidou A.A., 2005, Investigation of Ni-based alumina supported catalysts for the oxidative dehydrogenation of ethane to ethylene: Structural characterization and reactivity studies, *J. Catal.*, 231/1, 159-171.

Heracleous E., Machli M., Lemonidou A.A., Vasalos I.A., 2005, Oxidative dehydrogenation of ethane and propane over vanadia and molybdena supported catalysts, *J. Mol. Catal. A*, 232/1-2, 29-39.

Kalogiannis C.G., Panayiotou C.G., 2005, Bubble and Cloud Points of the System Poly(L-lactic acid) + Carbon Dioxide + Dichloromethane, *J. Chem. Eng. Data*, (Article), 50(4), 1442-1447.

Kalogiannis C.G., Panayiotou C.G., 2005, Bubble and Cloud Points of the Systems Poly(caprolactone) + Carbon Dioxide + Dichloromethane or Chloroform, *J. Chem. Eng. Data*: (Article): 2006: 51(1), 107-111.

Kalogiannis C.G., Panayiotou C.G., 2005, Bubble and Cloud Points of the Systems Poly(caprolactone) + Carbon Dioxide + Dichloromethane or Chloroform, *J. Chem. Eng. Data*: (Article): 2006: 51(1), 107-111.

Kalogiannis C.G., Pavlidou E., Panayiotou C.G., 2005, Production of Amoxicillin Microparticles by Supercritical Antisolvent Precipitation, *Ind. Eng. Chem. Res.*: (Article) 44(24), 9339-9346.

Kalogiannis C.G.; Pavlidou E.; Panayiotou, C.G., 2005, Production of Amoxicillin Microparticles by Supercritical Antisolvent Precipitation, *Ind. Eng. Chem. Res.*: (Article) 44(24), 9339-9346.

Kalogiannis C.G., Panayiotou C.G., 2005, Bubble and Cloud Points of the System Poly(L-lactic acid) + Carbon Dioxide + Dichloromethane, *J. Chem. Eng. Data*, (Article), 50(4), 1442-1447.

Kanaris A.G., Mouza A.A., Paras S.V., 2005, Flow and heat transfer in narrow channels with corrugated walls: a CFD code application, *Chemical Engineering Research & Design* 83, A5, 460-480.

Kanaris A.G., Mouza A.A., Paras S.V., 2005, Flow and heat transfer in narrow channels with corrugated walls: a CFD code application, *Chemical Engineering Research & Design* 83, A5, 460-480.

Karagiannakis G., Kokkofitis C. and Stoukides M., 2005, Catalytic and Electrocatalytic Production of H₂ from Propane Decomposition over Pt and Pd in a H⁺ Conducting Membrane-Reactor, *Catalysis Today*, 104, 219-224.

Karatasos K., 2005, Static and dynamic behavior in model dendrimer melts: toward the glass transition, *Macromolecules* 38, 4472-4483 (2005)

Katsoufidou K., Yiantsios S.G., and Karabelas A.J., 2005, A Study of Ultrafiltration Membrane Fouling by Humic Acids and Flux Recovery by Backwashing: Experiments and Modeling", *J. Membrane Sci.* 266, 40-50.

Kokkofitis C., Karagiannakis G., Zisekas S. and Stoukides M., 2005, Catalytic Study and Electrochemical Promotion of Propane Oxidation on Pt/YSZ, *Journal of Catalysis*, 234, 476-487.

Kotrotsiou O., Kotti K., Dini E., Kammona O. and Kiparissides C., 2005, Nanostructured Materials for Selective Recognition and Targeted Drug Delivery, *Journal of Physics: Conference Series* 10, 281–284.

Lioumbas J.S., Paras S.V., Karabelas A.J., 2005, Cocurrent stratified gas-liquid downflow – Influence of the liquid flow field on interfacial structure, *Int. J. Multiphase Flow* 31, 8, 869-896.

Lovick J., Mouza A.A, Paras S.V., Lye G.J., Angeli P., 2005, Drop size distribution in highly concentrated liquid-liquid systems in stirred tanks using a light back scattering method, *Journal of Chemical Technology and Biotechnology* 80, 5, 545-552.

Lovick J., Mouza A.A, Paras S.V., Lye G.J., Angeli P., 2005, Drop size distribution in highly concentrated liquid-liquid systems in stirred tanks using a light back scattering method, *Journal of Chemical Technology and Biotechnology* 80, 5, 545-552.

Machli M., Lemonidou A.A., 2005, Optimization of V₂O₅-MgO/TiO₂ catalyst for the oxidative dehydrogenation of propane - Effect of magnesia loading and preparation procedure, *Catal. Letters*, 99, 221-230.

Markopoulos J., Babalona E., Tsiliopoulou E. and Tasopoulou K., 2005, Power Consumption in Agitated Vessels with Dual Pitched Blade Turbines: Baffle Length and Impeller Spacing Effects, *Chem.Eng.Technol.*, 28, 978-981.

Missopolinou D, Tsivintzelis I, Panayiotou C., 2005, Phase compositions and saturated densities for the binary system of carbon dioxide with 2-ethoxyethanol, *Fluid Phase Equilib.* 238, 204-209.

Missopolinou D, Tsivintzelis I, Panayiotou C., 2005, Phase compositions and saturated densities for the binary system of carbon dioxide with 2-ethoxyethanol, *Fluid Phase Equilib.* 238, 204-209.

Mouza A.A., Dalakoglou G.K., Paras S.V., 2005, Effect of liquid properties on the performance of bubble column reactors with fine pore spargers, *Chem. Eng. Sci.* 60, 5, 1465-1475.

Mouza A.A., Dalakoglou G.K., Paras S.V., 2005, Effect of liquid properties on the performance of bubble column reactors with fine pore spargers, *Chem. Eng. Sci.* 60, 5, 1465-1475.

Mouza A.A., Pantzali M.N., Paras S.V., 2005, The influence of liquid properties on flooding phenomena in small diameter tubes, *Chem. Eng. Sci.* 60, 18, 4981-4991.

- Mouza A.A., Pantzali M.N., Paras S.V., 2005, The influence of liquid properties on flooding phenomena in small diameter tubes, *Chem. Eng. Sci.* 60,18, 4981-4991.
- Panayiotou C., 2005, New expressions for non-randomness in equation-of-state models, *Fluid Phase Equilibria* 237, 130-139.
- Panayiotou C., 2005, New expressions for non-randomness in equation-of-state models, *Fluid Phase Equilibria* 237, 130-139.
- Pantzali M.N., Mouza A.A., Paras S.V., 2005, Pollutant emissions management in an existing plant: the CHF₃ case, *Chemical Engineering & Technology* 28, 2, 187-192.
- Pantzali M.N., Mouza A.A., Paras S.V., 2005, Pollutant emissions management in an existing plant: the CHF₃ case, *Chemical Engineering & Technology* 28, 2, 187-192.
- Papageorgiou V.P., Assimopoulou A.N., 2005, GC-MS analysis of the resin of Pistacia species. Part I. Pistacia lentiscus var. Chia, *Biomedical Chromatography*, 19, 285-311.
- Papageorgiou V.P., Assimopoulou A.N., 2005, GC-MS analysis of the resin of Pistacia species. Part II. Pistacia terebinthus var. Chia, *Biomedical Chromatography*. 19, 586-605.
- Polatides C., Dortsiou M., Kyriacou G., 2005, Electrochemical removal of nitrate from aqueous solution by pulsing potential electrolysis, *Electrochim. Acta*, 50 (25-26), 5237-5241.
- Polatides C., Kyriacou G., 2005, Electrochemical removal of nitrate from aqueous solutions on various metals and alloys, *J. Appl. Electrochem.*, 35 (5), 421-427.
- Polydera A.C., Stoforos N.G. and Taoukis P.S., 2005, Effect of high hydrostatic pressure treatment on post processing antioxidant activity of fresh Navel orange juice, *Food Chemistry*, 91,495-503.
- Polydera A.C., Stoforos N.G. and Taoukis P.S., 2005, Quality degradation kinetics of pasteurised and high pressure processed fresh Navel orange juice: Nutritional parameters and shelf life, *Innovative Food Science and Emerging Technologies*, 6,1-9.
- Polydera, A.C., Stoforos, N.G., and Taoukis P.S., 2005. Effect of high hydrostatic pressure treatment on post processing antioxidant activity of fresh Navel orange juice. *Food Chemistry*, 91:495-503.
- Polydera, A.C., Stoforos, N.G., and Taoukis P.S., 2005. Quality degradation kinetics of pasteurised and high pressure processed fresh Navel orange juice: Nutritional parameters and shelf life. *Innovative Food Science and Emerging Technologies*, 6:1-9.

Ritzoulis C., Scoutaris N., K. Papademetriou, S. Stavroulias, C. Panayiotou, 2005, Milk protein-based emulsion gels for bone tissue engineering, *Food Hydrocolloids* 19, 575–581.

Ritzoulis C., Scoutaris N., Papademetriou K., Stavroulias S., Panayiotou C., 2005, Milk protein-based emulsion gels for bone tissue engineering, *Food Hydrocolloids* 19, 575–581.

Roussos A.I., Alexopoulos A.H. and Kiparissides C., 2005, Part III: Dynamic Evolution of the Particle Size Distribution in Batch and Continuous Particulate Processes: A Galerkin on Finite Elements Approach, *Chem. Eng. Sci.*, 60(24), 6998.

Skodras G., Diamantopoulou Ir., Natas P., Palladas A. and Sakellaropoulos G.P., 2005, Postcombustion Measures for Cleaner Solid Fuels Combustion: Activated Carbons for Toxic Pollutants Removal from Flue Gases, *Energy and Fuels*, 19, 2317-2327.

Sofialidis D., Faltsi O., Sardi K., Skevis G., Skodras G., Kaldis S.P. and Sakellaropoulos G.P., 2005, Modelling low-temperature carbonisation of solid fuels in a heated rotary kiln for clean fuel production, *Fuel*, Volume 84, Issue 17, Pages 2211-2221.

Spyros A., Assimopoulou A.N., Papageorgiou V.P., 2005, Structure determination of oligomeric alkannin and shikonin derivatives, *Biomedical Chromatography*, 19, 498-505.

Stassinopoulos A., Das R.N., Giannelis E.P., Anastasiadis S.H. and Anglos D., 2005, Random lasing from surface modified films of zinc oxide nanoparticles, *Appl. Surf. Sci.* 247, 18-24.

Stavropoulos G.G. and Zabaniotou A., 2005, Production and characterization of activated carbons from olive-seed waste residue, *Microporous and Mesoporous Materials*, 82/1-2, 79-85.

Stavropoulos G.G., 2005, Precursor materials suitability for super activated carbons production, *Fuel Processing Technology*, 86, 11, 1165-1173.

Stavroulias S., Panayiotou C., 2005, Determination of Optimum Conditions for the Extraction of Squalene from Olive Pomace with Supercritical CO₂, *J. Chem. Biochem. Engineering*, 19, 373-381.

Stavroulias S., Panayiotou C., 2005, Determination of Optimum Conditions for the Extraction of Squalene from Olive Pomace with Supercritical CO₂, *J. Chem. Biochem. Engineering*, 19, 373-381.

Stefanis E, Constantinou L, Tsvintzelis I, Panayiotou, C., 2005, New group-contribution method for predicting temperature-dependent properties of pure organic compounds”, *INT J THERMOPHYS* 26 (5), 1369-1388.

Stefanis E., Constantinou L., Tsvintzelis I., Panayiotou, C., 2005, New group-contribution method for predicting temperature-dependent properties of pure organic compounds, INT J THERMOPHYS 26 (5), 1369-1388.

Stoitsas C., Kotzias A., Kikkinides E., Steriotis T., Kanellopoulos N., Stoukides M. and Zaspalis V.T., 2005, Mesoporous & Microporous Materials, 78, 235-243.

Tserki V, Matzinos P, Kokkou S, Panayiotou, C., 2005, Novel biodegradable composites based on treated lignocellulosic waste flour as filler. Part I. Surface chemical modification and characterization of waste flour COMPOS PART A-APPL S 36 (7), 965-974.

Tserki V, Zafeiropoulos NE, Simon F, Panayiotou, C., 2005, A study of the effect of acetylation and propionylation surface treatments on natural fibres, COMPOS PART A-APPL S 36 (8), 1110-1118.

Tserki V., Matzinos P., Kokkou S., Panayiotou, C., 2005, Novel biodegradable composites based on treated lignocellulosic waste flour as filler. Part I. Surface chemical modification and characterization of waste flour COMPOS PART A-APPL S 36 (7), 965-974.

Tserki V., Zafeiropoulos N.E., Panayiotou C., 2005, A study of the effect of acetylation and propionylation on the interface of natural fibre biodegradable composites, Advanced Composites Letters 14(2), 63-69.

Tserki V., Zafeiropoulos N.E., Panayiotou C., 2005, A study of the effect of acetylation and propionylation on the interface of natural fibre biodegradable composites, Advanced Composites Letters 14(2), 63-69.

Tserki V., Zafeiropoulos N.E., Simon F., Panayiotou, C., 2005, A study of the effect of acetylation and propionylation surface treatments on natural fibres, COMPOS PART A-APPL S 36 (8), 1110-1118.

Vamvakaki M., Papoutsakis L., Katsamanis V., Afchoudia T., Fragouli P., Iatrou H., Hadjichristidis N., Armes S.P., Sidorov S., Zhiron D., Zhiron V., Kostylev M., Bronstein L.M. and Anastasiadis S.H., 2005, Micellization in pH-sensitive amphiphilic block copolymers in aqueous media and the formation of metal nanoparticles, Faraday Disc. 128, 129-147.

Yiantsios S.G., Sioutopoulos D., and Karabelas A.J., 2005, Colloidal fouling of RO membranes: an overview of key issues and efforts to develop improved prediction techniques, Desalination 183, 257-272.

Zabaniotou A., Oudenne P.D, C.G Jung, A. Fontana, 2005, Active carbon production char issued from used tires pyrolysis: Industrial improvement. ERDÖL, ERDGAS, KOHLE 121(4):160 – 162 .

Zabaniotou A., Skoulou V., 2005, Investigation of agricultural and animal wastes in Greece and their allocation to potential application for energy production. Renewable and Sustainable Energy Reviews 11(8):1698-1749.

Zabaniotou A., Stavropoulos G.G., 2005. Production and characterization of activated carbons from olive-seed waste residue. *Microporous and Mesoporous Materials* 82:79-85.

Zisekas S., Karagiannakis G. and Stoukides M., 2005, Electrode Polarization at the Pd/Proton Conductor Interface, *Solid State Ionics*, 176, 2929-2934.

2006

Adolf D.B., Butler S.N., Drew P.M., Hotston S., Karatasos K., 2006, Computational polymer dynamics via DL_POLY MOL SIMULAT 32, 12-13, 1017-1023.

Anagnostopoulou M.A., Kefalas P., Papageorgiou V.P., Assimopoulou A.N., Boskou D., 2006, Radical scavenging activity of various extracts and fractions of sweet orange peel (*Citrus sinensis*), *Food Chemistry*, 94 (1), 19-25.

Assael M.J., 2006, Book Review: The Corresponding-States Principle and its Practice. Thermodynamic, Transport, and Surface Properties of Fluids. By Hong Wei Xiang (Elsevier, Amsterdam, 2005, 231 pp), *International Journal of Thermophysics*, 27, 994-995.

Assael M.J., Kakosimos K., Bannish M., Brillo J., Egry I., Brooks R., Queded P.N., Mills K.C., Nagashima A., Sato Y., and Wakeham W.A., 2006, Reference Data for the Density and Viscosity of Liquid Aluminium and Liquid Iron, *Journal of Physical and Chemical Reference Data*, 35, 285-300.

Assael M.J., Metaxa I.N., Kakosimos K., and Konstandinou D., 2006, Thermal conductivity of nanofluids - Experimental and Theoretical, *International Journal of Thermophysics*, 27, 997-1017.

Assimopoulou A.N., Karapanagiotis I., Vasiliou A., Kokkini S., Papageorgiou V.P., 2006, Analysis of alkannin derivatives from *Alkanna* species by high-performance liquid chromatography/photodiode array/mass spectrometry, *Biomedical Chromatography*, 20, 1359-1374.

Athanassiou A., Lygeraki M.I., Pisignano D., Lakiotaki K., Varda M., Fotakis C., Cingolani R. and Anastasiadis S.H., 2006, Photocontrolled Variations in the Wetting Capability of Photochromic-Polymers Enhanced by Surface Nanostructuring, *Langmuir* 22, 2329-2333.

Athanassiou A., Varda M., Mele E., Lygeraki M.I., Pisignano D., Farsari M., Fotakis C., Cingolani R. and Anastasiadis S.H., 2006, Combination of Microstructuring and Laser-light Irradiation for the Reversible Wettability of Photosensitized Polymer Surfaces, *Appl. Phys. A* 83, 351-356 [Rapid Communication].

Bourlinos A.B., Stassinopoulos A., Anglos D., Herrera R., Anastasiadis S.H., Petridis D. and Giannelis E.P., 2006, Functionalized ZnO Nanoparticles with Liquid-like Behavior and their Photoluminescence Properties, *Small* 2, 513-516.

Christodoulakis A, Heracleous E., Lemonidou A.A., Boghosian S., 2006, An operando raman study of molecular structure and reactivity of MoO₃/Al₂O₃ catalysts for ethane ODH, J. Catal., 242, 16-25.

Dompazis G., Kanellopoulos V. and Kiparissides C., 2006, Assessment of Particle Agglomeration in Catalytic Olefin Polymerization Reactors Using Rheological Measurements, Ind. & Eng. Chem. Res, 45(11), 3800.

Elmahdy M.M., Chrissopoulou K., Afratis A., Floudas G., and Anastasiadis S.H., 2006, Effect of confinement on Polymer Segmental Motion and Ion Mobility in PEO/Layered-Silicate Nanocomposites, Macromolecules 39, 5170-5173 [Communication to the Editor].

Friess Karel, Šípek Milan, Hynek Vladimír and Panayiotou Constantinos, 2006, Sorption of VOCs and water vapors in polylactate membrane with nanocomposite fillers, Desalination, Volume 200, Issues 1-3,265-266.

Friess Karel, Šípek Milan, Vladimír Hynek and Constantinos Panayiotou, 2006, Sorption of VOCs and water vapors in polylactate membrane with nanocomposite fillers, Desalination, Volume 200, Issues 1-3,265-266.

Heracleous E., Lemonidou A.A., 2006, Ni-Nb-O mixed oxides as highly active and selective catalysts for ethene production via ethane oxidative dehydrogenation. I. Characterization and catalytic performance, J. Catal., 237, 162-174.

Heracleous E., Lemonidou A.A., 2006, Ni-Nb-O mixed oxides as highly active and selective catalysts for ethene production via ethane oxidative dehydrogenation. II. Mechanistic aspects and kinetic modeling, J. Catal., 237, 175-189.

Heracleous E., Lemonidou A.A., 2006, Reaction pathways of ethane oxidative and non-oxidative dehydrogenation on γ -Al₂O₃ studied by temperature-programmed reaction (TP-reaction), Catal. Today, 112, 23-27.

Iordanidis A.A., Kechagiopoulos P.N., Voutetakis S.S., Lemonidou A.A., Vasalos I.A., 2006, Autothermal sorption-enhanced steam reforming of bio-oil/biogas mixture and energy generation by fuel cells: concept analysis and process simulation, Int. J. Hydrogen Energy, 31, 1058-1065.

Kalogiannis C.G., Michailof C.M., Panayiotou C.G., 2006, Microencapsulation of Amoxicillin in Poly(L-lactic acid) by Supercritical Antisolvent Precipitation, Ind. Eng. Chem. Res., (Article): 45(25), 8738-8743.

Kalogiannis C.G., Michailof C.M., Panayiotou C.G., 2006, Microencapsulation of Amoxicillin in Poly(L-lactic acid) by Supercritical Antisolvent Precipitation, Ind. Eng. Chem. Res., (Article): 45(25), 8738-8743.

Kalogiannis C.G., Panayiotou C.G., 2006, Bubble and Cloud Points of the Systems Poly(-caprolactone) + Carbon Dioxide + Dichloromethane or Chloroform, J. Chem. Eng. Data, (Article): 51(1), 107-111.

- Kalogiannis C.G., Panayiotou C.G., 2006, Bubble and Cloud Points of the Systems Poly(-caprolactone) + Carbon Dioxide + Dichloromethane or Chloroform, *J. Chem. Eng. Data*, (Article): 51(1), 107-111.
- Kanaris A.G., Mouza A.A., Paras S.V., 2006, Flow and heat transfer prediction in a corrugated plate heat exchanger using a CFD code, *Chem. Eng. Technol.* 29, 8, 923–930.
- Kanaris A.G., Mouza A.A., Paras S.V., 2006, Flow and heat transfer prediction in a corrugated plate heat exchanger using a CFD code, *Chemical Engineering & Technology* 29, 8, 923–930
- Kanellopoulos V., Mouratides D., Pladis P. and Kiparissides C., 2006, Prediction of Solubility of α -Olefins in Polyolefins Using a Combined Equation of State - Molecular Dynamics Approach, *Ind. & Eng. Chem. Res.* 45, 5780.
- Karagiannakis G., Zisekas S., Kokkofitis C., and Stoukides M., 2006, Effect of H₂O Presence on the Propane Decomposition Reaction over Pd in a Proton Conducting Membrane-Reactor, *Applied Catalysis A: General*, 301, 265-27..
- Karatasos K., 2006, Glass Transition in Dendrimers, *Macromolecules* 39,4619-4626.
- Karatasos K., Lyulin A.V., 2006, Segmental Dynamics under severe Connectivity Constraints: the Dendrimer Case, *Journal of Chemical Physics* 125, 184907.
- Katsounaros I., Ipsakis D., Polatides C., Kyriacou G., 2006, Efficient electrochemical reduction of nitrate to nitrogen on tin cathode at very high cathodic potentials, *Electrochim. Acta*, 52(3), 1329-1338.
- Kechagiopoulos P.N., Voutetakis S.S., Lemonidou A.A., Vasalos I.A., 2006, Hydrogen production via steam reforming of the aqueous phase of bio-oil in a fixed bed reactor, *Energy and Fuels*, 20(5), 2155-2163.
- Kiparissides C., 2006, Challenges in Polymerization Reactor Modeling and Optimization: A Population Balance Perspective, *J Proc Contr*, 16, 205-224.
- Kiparissides C., Alexandridou S., Kotti K. and Chaitidou S., 2006, Recent Advances in Novel Drug Delivery Systems, *Journal of Nanotechnology online*, 2, 1-11.
- Kokkofitis C. and Stoukides M., 2006, Rate and Oxygen Activity Oscillations during Propane Oxidation on Pt/YSZ, *Journal of Catalysis*, 243, 428-437.
- Konsoula Z., Liakopoulou-Kyriakides M., 2006, Thermostable α -amylase production by *Bacillus subtilis* entrapped in calcium alginate gel capsules, *Enzyme and Microbial Technology*, 39,690-696.
- Kotoulas C. and Kiparissides C., 2006, A Generalized Population Balance Model for the Prediction of Particle Size Distribution in Suspension Polymerization Reactors, *Chem. Eng. Sci.* 61, 332.

Kungolos A., Samaras P., Tsiridis V., Petala M. and Sakellaropoulos G. 2006, Bioavailability and toxicity of heavy metals in the presence of natural organic matter, *J. Environ. Sci. Health, Part A.*, Vol. A41, No 8, 1509-1517.

Lioumbas J.S., Mouza A.A., Paras S.V., 2006, Effect of surfactant additives on co-current gas-liquid downflow, *Chem. Eng. Sci.* 61, 14, 4605-4616.

Lioumbas J.S., Mouza A.A., Paras S.V., 2006, Effect of surfactant additives on co-current gas-liquid downflow, *Chem. Eng. Sci.* 61, 14, 4605-4616.

Machli M., Boudouris C., Gaab S., Find J., Lemonidou, A.A., Lercher J.A., 2006, Kinetic modelling of the gas phase ethane and propane oxidative dehydrogenation, *Catal. Today*, 112, 53.

Mavroudi M., Kaldis S.P., Sakellaropoulos G.P., 2006, A study of mass transfer resistance in membrane gas-liquid contacting processes, *Journal of Membrane Science*, 272 (1-2), 103-115.

Meimaroglou D., Roussos A.I. and Kiparissides C., 2006, Part IV: Dynamic Evolution of the Particle Size Distribution in Particulate Processes. A Comparative Study between Monte Carlo and the Generalized Method of Moments, *Chem Eng Sci*, 61, 5620.

Missopolinou D., Tsivintzelis I., Panayiotou C., 2006, Excess Enthalpies of binary mixtures of 2-ethoxyethanol at 298.15, 308.15, and 318.15. An Experimental and Theoretical Study, *Fluid Phase Equilibri*, 245, 89-101,

Missopolinou D., Tsivintzelis I., Panayiotou C., 2006, Excess Enthalpies of binary mixtures of 2-ethoxyethanol at 298.15, 308.15, and 318.15. An Experimental and Theoretical Study, *Fluid Phase Equilibria*, 245, 89-101.

Pantoula Maria and Panayiotou Costas, 2006, Sorption and swelling in glassy polymer/carbon dioxide systems: Part I. Sorption, *The Journal of Supercritical Fluids*, Volume 37, Issue 2, 254-262.

Pantoula Maria and Panayiotou Costas, 2006, Sorption and swelling in glassy polymer/carbon dioxide systems: Part I. Sorption, *The Journal of Supercritical Fluids*, Volume 37, Issue 2, 254-262.

Papadimitriou C.A., Dabou X., Samaras P. and Sakellaropoulos G.P, 2006, Coke oven wastewater treatment by two activated sludge systems, *Global NEST Journal*, Vol 8, No 1, 17-22.

Papageorgiou V.P., Assimopoulou A.N., Samanidou V.F., Papadoyannis I., 2006, Analytical methods for the determination of alkannins and shikonins, Invited review article, *Current Organic Chemistry*, 10(5), 583-622.

Papageorgiou V.P., Assimopoulou A.N., Samanidou V.F., Papadoyannis I., 2006, Recent advances in chemistry, biology and biotechnology of alkannins and shikonins, Invited review article, *Current Organic Chemistry*, 10(16), 2123-2142.

Peralta-Martinez M.V. Assael M.J., Dix M., Karagiannidis L., Wakeham W.A., 2006, A Novel Instrument for the Measurement of the Thermal Conductivity of Molten Metals. Part I. Instrument's Description, International Journal of Thermophysics, 27, 353-375.

Peralta-Martinez M.V. Assael M.J., Dix M., Karagiannidis L., Wakeham W.A., 2006, A Novel Instrument for the Measurement of the Thermal Conductivity of Molten Metals. Part II. Measurements, International Journal of Thermophysics, 27, 681-699.

Petala M., Samaras P., Kungolos A., Zouboulis A., Papadopoulos A., Sakellaropoulos G.P., 2006, The effect of coagulation on the toxicity and mutagenicity of reclaimed municipal effluents, Chemosphere 65 (6), 1007-1018.

Petala M., Samaras P., Zouboulis A., Kungolos A., Sakellaropoulos G., 2006, Ecotoxicological properties of wastewater treated using tertiary methods, Environmental Toxicology, 21 (4), 417-424.

Petala M., Tsiridis V., Samaras P., Zouboulis A., Sakellaropoulos G.P., 2006, Wastewater reclamation by advanced treatment of secondary effluents, Desalination, 195 (1-3), 109-118.

Rissanou A.N., Anastasiadis S.H. and Bitsanis I.A., 2006, A Monte Carlo Study of the Coil-to-Globule Transition of a Model Polymeric System, J. Polym. Sci.: Part B: Polym. Phys., 44, 3651-3666.

Roussos A.I., Alexopoulos A.H. and Kiparissides C., 2006, Dynamic Evolution of PSD in Continuous Flow Reactors: A Comparative Study of Fixed and Moving Grid Numerical Techniques, Chem Eng Sci, 61, 124.

Santos F.J.V., Nieto de Castro C.A., Dymond J.H., Dalaouti N.K., Assael M.J., Nagashima A., 2006, Standard Reference Data for the Viscosity of Toluene, Journal of Physical and Chemical Reference, Data 35, 1-8.

Sikalidis C. and Mitrakas M., 2006, Utilization of Electric Arc Furnace Dust as Raw Materials for the Production of Ceramic and Concrete Building Products, J. Environ. Sci. Health, Part A, Vol A41(9), 1943-1954.

Sikalidis C., Mitrakas M., 2006, Utilization of Electric Arc Furnace Dust as Raw Material for the Production of Ceramic and Concrete Building Products, Journal of Environmental Science and Health, Part A, Vol. A 41, No 9, 1943-1954.

Sikalidis C., Zorba T., Chrissafis K. and Paraskevopoulos K.M., 2006, Iron Oxide Pigmenting Powders Produced by Thermal Treatment of Iron Solid Wastes from Steel Mill Pickling Lines, Journal of Thermal Analysis and Calorimetry – Vol. 84 , 2, 411-415.

Skodra A., Ouzounidou M. and Stoukides M., 2006, NH₃ Decomposition in a Single Chamber Proton-Conducting Cell, Solid State Ionics, 177, 2217-2220.

Skodras G., Grammelis P., Basinas P., Kakaras E., Sakellaropoulos G., 2006, Pyrolysis and combustion characteristics of biomass and waste-derived feedstock, *Industrial and Engineering Chemistry Research*, 45 (11), 3791-3799.

Skodras G., Kaldis S., Topis S., Koutsonicolas D., Sakellaropoulos G.P., 2006, Gas Pollutant Cleaning by a Membrane Reactor, *Thermal Science – International Scientific Journal*, 10(3), 143-149.

Skodras G., Kaldis S.P., Sofialidis D., Faltsi O., Grammelis P., Sakellaropoulos G.P., 2006, Particulate removal via electrostatic precipitators - CFD simulation, *Fuel Processing Technology*, 87 (7), 623-631.

Skodras G., Natas P., Basinas P. and Sakellaropoulos G.P., 2006, Effects of Pyrolysis Temperature, Residence Time on the Reactivity of Clean Coals Produced from Poor Quality Coals, *Global Nest Journal*, Vol. 8, No 2, 89-94.

Skodras G., Natas P., Basinas P. and Sakellaropoulos G.P., 2006, Removal of Pollutants from Poor Quality Coals by Pyrolysis, *Thermal Science*, No.3, Vol. 10, 39-54.

Skodras G., Natas P., Grammelis P. and Sakellaropoulos G.P., 2006, Effect of Pyrolysis Temperature, and Residence Time on the Removal of Pollutants from Poor Quality Coals and Wastes, *WSEAS Transactions on Environment and Development*, Issue 6, Vol. 2, 747-754.

Skodras G., Prokopidou M., Sakellaropoulos G.P., 2006, Leaching and toxicity behavior of coal-biomass waste co-combustion ashes, *Environmental Toxicology* 21 (4), 317-323.

Stavropoulos G.G., Diamantopoulou E., Skodras G., and Sakellaropoulos G.P., 2006, High activity Carbon sorbents for mercury capture, *Thermal Science*, No. 3, Vol. 10, 19-26.

Stefanis E., Tsvintzelis I., Panayiotou C., 2006, The Partial Solubility Parameters: An Equation-of-State Approach, *Fluid Phase Equilibria*, 240, 144-154,

Stefanis E., Tsvintzelis I., Panayiotou C., 2006, The Partial Solubility Parameters: An Equation-of-State Approach, *Fluid Phase Equilibria*, 240, 144-154.

Stoukides M., 2006, Methane Conversion to C2 Hydrocarbons in Solid Electrolyte Membrane Reactors, *Research on Chemical Intermediates*, 32, 187-204.

Tserki V., Matzinos P. and C. Panayiotou, 2006, Novel biodegradable composites based on treated lignocellulosic waste flour as filler. Part II. Development of biodegradable composites using treated and compatibilized waste flour, *Composites Part A: Applied Science and Manufacturing*, Volume 37, Issue 9, 1231-1238.

Tserki V., Matzinos P. and Panayiotou C., 2006, Novel biodegradable composites based on treated lignocellulosic waste flour as filler. Part II. Development of biodegradable composites using treated and compatibilized waste flour, *Composites Part A: Applied Science and Manufacturing*, Volume 37, Issue 9, 1231-1238.

Tserki V., Matzinos P., E. Pavlidou and C. Panayiotou, 2006, Biodegradable aliphatic polyesters. Part II. Synthesis and characterization of chain extended poly(butylene succinate-co-butylene adipate), *ARTICLE, Polymer Degradation and Stability*, Volume 91, Issue 2, 377-384.

Tserki V., Matzinos P., Pavlidou E. and Panayiotou C., 2006, Biodegradable aliphatic polyesters. Part II. Synthesis and characterization of chain extended poly(butylene succinate-co-butylene adipate), *ARTICLE, Polymer Degradation and Stability*, Volume 91, Issue 2, 377-384.

Tserki V., Matzinos P., Pavlidou E., Vachliotis D. and Panayiotou C., 2006, Biodegradable aliphatic polyesters. Part I. Properties and biodegradation of poly(butylene succinate-co-butylene adipate), *Polymer Degradation and Stability*, Volume 91, Issue 2, 367-376.

Tserki V., P. Matzinos, E. Pavlidou, D. Vachliotis and C. Panayiotou, 2006, Biodegradable aliphatic polyesters. Part I. Properties and biodegradation of poly(butylene succinate-co-butylene adipate), *Polymer Degradation and Stability*, Volume 91, Issue 2, 367-376.

Tsiridis V., Petala M., Samaras P., Hadjispyrou S., Sakellaropoulos G., Kungolos A., 2006, Interactive toxic effects of heavy metals and humic acids on *Vibrio fischeri*, *Ecotoxicology and Environmental Safety*, 63 (1), 158-167.

Tsiridis V., Samaras P., Kungolos A., Sakellaropoulos G.P., 2006, Application of leaching tests for toxicity evaluation of coal fly ash, *Environmental Toxicology*, 21 (4), 409-416.

Tsvintzelis I., Dritsas G.S., Panayiotou C., 2006, An Alternative Approach to Nonrandomness in Solution Thermodynamics, *Ind. Eng. Chem. Res.*, 45, 7264-7274,

Tsvintzelis I., Dritsas G.S., Panayiotou C., 2006, An Alternative Approach to Nonrandomness in Solution Thermodynamics, *Ind. Eng. Chem. Res.*, 45, 7264-7274.

Valla V., Bakola-Christianopoulou M., Akrivos P., Kojic V., Bogdanovic G., 2006, Synthesis, Structure and In vitro Biological Activity of New Hydroxy-Naphthoquinonato Triorganotin Compounds, *Syn React Inorg Met.* 36(10):765-775.

Vamvakaki M., Palioura D., Spyros A., Armes S.P. and Anastasiadis S.H., 2006, Dynamic Light Scattering vs. ¹H-NMR Investigation of pH-responsive Diblock Copolymers in Water, *Macromolecules* 39, 5106-5112.

Yiantsios S.G. and Higgins B.G., 2006, Marangoni flows during drying of colloidal films”, *Phys. Fluids*, 18, 082103.

Yiantsios S.G., 2006, An application of domain decomposition methods with non-conforming spectral element/Fourier expansions for the incompressible Navier-Stokes equations, *Computers and Fluids* 35, 1302-1315.

Yiantsios S.G., 2006, Plane Poiseuille flow of a sedimenting suspension of Brownian hard-sphere particles: Hydrodynamic stability and direct numerical simulations”, *Phys. Fluids* 18, 054103.

Zabaniotou A., Fytily D., 2006. Utilization of sewage sludge in EU application of old and new methods—A review. *Renewable and Sustainable Energy Reviews* In Press

Zabaniotou A., Theofilou C., 2006. Green energy at cement kiln in Cyprus—Use of sewage sludge as a conventional fuel substitute. *Renewable and Sustainable Energy Reviews* In Press

Zlatanov S., Laskaridis K., Feist C., Sagredos A., 2006, Proximate composition, fatty acid analysis and protein digestibility-corrected amino acid score of three Mediterranean cephalopods, *Mol. Nutr. Food Res.*, 50, 967-970.

Άρθρα σε πρακτικά συνεδρίων με κριτές

2001

Alexandridou S., Dini E. and Kiparissides C., 2001, Synthesis and Characterization of Polymeric Microparticles/microcapsules for Various Applications, 2nd Chemical Engineering Conference for Collaborative Research in Eastern Mediterranean, Ankara, May 20-24.

Alexopoulos A.H. and Kiparissides C., 2001, Solution of Population Balance Equations for Prediction of Particle Size Distribution in Particulate Systems: Effect of Particle Nucleation, Growth and Aggregation Mechanisms, 51st Canadian Chemical Engineering Conference, Halifax, Canada, October 14-17.

Assael M.J. and Dalaouti N.K., 2001, On the Correlation and Prediction of the Viscosity and Thermal Conductivity of Fluids, Proceedings of 6th International Asian Thermophysical Properties Conference, Gauhati, Assam, India.

Assael M.J., Dalaouti N.K., and Metaxa I., 2001, On the correlation of Transport Properties of Liquid Mixtures, Proceedings of 2nd International Workshop on Thermochemistry, Thermodynamics & Transport Properties of Halogenated Hydrocarbons and Mixtures, Paris.

Assael M.J., Dalaouti N.K., Gialou K. and Metaxa I., 2001, Measurement Techniques in the Transport Properties Laboratory at Thessaloniki, Greece, Proceedings of 2nd International Workshop on Thermochemistry, Thermodynamics & Transport Properties of Halogenated Hydrocarbons and Mixtures, Paris.

Bekioti Z., Petala M., Samaras P., Tsiridis V., Kungolos A. and Sakellaropoulos G.P., 2001, Assessment of Toxic and Genotoxic Properties of Solid Waste Samples, 1st European Bioremediation Conference, Chania, Greece, 434.

Boultouka T., Pladis P. and Kiparissides C., 2001, Polymerization in Supercritical CO₂ : Experimental and Theoretical Developments, 2nd Chemical Engineering Conference for Collaborative Research in Eastern Mediterranean, Ankara, May 20-24.

Chatzidoukas C., Gustafsson B., Yiagopoulos A., Yiannoulakis H. and Kiparissides C., 2001, Dynamic Simulation and Optimization of an Industrial Olefin Polymerization FBR Using the GPROMSO Simulator, DYCOPS-6, Chejudo Island, Korea, June 4-6.

Chatzidoukas C., Gustafsson B., Yiagopoulos A., Yiannoulakis H. and Kiparissides C., 2001, Dynamic Simulation of the BORSTAR Ethylene Copolymerization Fluidized Bed Reactor, DECHEMA, Vol 137, pp. 339-344, Hamburg, Germany, October 8-10.

Chatzidoukas C., Kiparissides C., Perkins J. and Pistikopoulos S., 2001, Optimal Grade Transition in a Polyolefin FBR using Mixed Integer Dynamic Optimization, 2001 AIChE Annual Meeting – Reno, NV, USA, November 4-9.

Dini E., Alexandridou S. and Kiparissides C., 2001, An Experimental investigation of the Synthesis of Pvp Microspheres for the Controlled Release of Hydrophilic Drugs, 2nd Mediterranean Meeting New Perspectives in Controlled Release, Athens, Greece, April 27-30.

Dini E., Alexandridou S. and Kiparissides C., 2001, Polymeric Nano- and Microparticles for Controlled Release Applications, 51st Canadian Chemical Engineering Conference, Halifax, Canada, October 14-17.

Famelos S., Michou S., Karpouza A., Petala M., Samaras P. and Sakellariopoulos G.P., 2001, Wastewater Reclamation by Advanced Treatment of Secondary Effluents in Themi, Thessaloniki, Greece, IWA 2nd World Water Congress, Berlin, Germany.

Gallos L. and Kiparissides C., 2001, An Improved Gibbs Ensemble-Monte Carlo Method for Phase Equilibria Calculations in Polymer Mixtures, DECHEMA, Vol 137, pp. 553-560, Hamburg, Germany, October 8-10.

Gallos L. and Kiparissides C., 2001, Molecular Simulation of Phase Equilibria, 2nd Chemical Engineering Conference for Collaborative Research in Eastern Mediterranean, Ankara, May 20-24.

Goudoulas T.B., Kastrinakis E.G., Nychas S.G., 2001, Rheology of Dense Lignite-Water Suspensions; Preshearing and Transition Stresses, Book of Abstracts of the 3rd International Meeting of the Hellenic Society of Rheology, 78.

Goudoulas T.B., Kastrinakis E.G., Nychas S.G., 2001, Rheology of Dense Lignite-Water Suspensions; Transition Stresses on Flow Curves, Proceedings of the 6th National Congress of Mechanics, Ed. Aifantis E.C., Kounadis A.N., Vol. I, 96-101.

Kiparissides C., 2001, Computer Aided Design, Optimization And Control Of Polymerization Reactors, 51st Canadian Chemical Engineering Conference, Halifax, Canada, October 14-17.

Kiparissides C., 2001, Polymeric Nano- and Microparticles for Controlled Release Applications, 2nd Mediterranean Meeting New Perspectives in Controlled Release, Athens, Greece, April 27-3.

Kiparissides C., Alexopoulos A. and Papadopoulos E., 2001, Computer Aided Design of Industrial PVC Batch Suspension Polymerization Reactors, 2nd Chemical Engineering Conference for Collaborative Research in Eastern Mediterranean, Ankara, May 20-24.

Korakakis G., Magafa V., Liakopoulou-Kyriakides M. and Stavropoulos G., 2001, Synthesis of Substance P C-Terminal Analogues and Studies of their

Antiproliferative Activity in-vitro, 2nd Hellenic Forum on Bioactive Peptides, Patras, Greece, 187-196.

Kungolos A., Hadjispyrou S., Samaras P., Petala M., Tsiridis V., Aravossis K. and Sakellaropoulos G.P., 2001, Assesment of Toxicity and Bioaccumulation of Organotin Compounds, 7th International Conference on Environmental Science and Technology (Lekkas T. D. Eds)., Ermoupolis-Syros, Greece, 2, 499.

Labudova G., Vozar L., Assael M.J., Gialou K., 2001, A transient hot-wire instrument for the measurement of the thermal conductivity of solids, Proceedings of 12th International Conference on Thermal Engineering & Thermal Thermogrammetry, Budapest, 13-15 June.

Lovick J., Lye G.J. Angeli P., Papatzika E.D., Mouza A.A., Paras S.V., 2001, Drop Size Measurements in Stirred Vessels, 3ο Πανελ. Επιστημ. Συνέδριο Χημικής Μηχανικής, Αθήνα.

Lovick J., Lye G.J., Angeli P., Papatzika E.D., Mouza A.A., Paras S.V., 2001, Drop Size Measurements in Stirred Vessels, 3ο Πανελ. Επιστημ. Συνέδριο Χημικής Μηχανικής, Αθήνα.

McKenna T.F., Kiparissides C., Weickert G. and Storti G., 2001, Results of the CATAPOL Project: Advances in studies on single catalyst/polymer particles for polyolefins, DECHEMA, Vol 137, pp. 345-352, Hamburg, Germany, October 8-10.

Mourikas G., Seferlis P., Morris A. J. and Kiparissides C., 2001, On-line Optimal Operating Policy and Control of a Batch Free-Radical Polymerization Process, ESCAPE11, Denmark, May 27-30.

Paras S.V., Drosos E.I., Karabelas A.J., Chopard F., 2001, Counter-Current Gas/Liquid Flow Through Channels With Corrugated Walls–Visual Observations Of Liquid Distribution and Flooding, World Confe-rence on Experimental Heat Transfer, Fluid Mechanics & Thermodynamics, Thessaloniki.

Petala M., Albanis T., Samaras P., Kungolos A. and Sakellaropoulos G.P., 2001, The Use of Jar Tests for the Determination of Coagulation Conditions of a Secondary Effluent, 7th International Conference on Environmental Science and Technology, Syros, Greece.

Pladis P., Boultouka T. and Kiparissides C., 2001, Free-Radical Dispersion Polymerization in Supercritical CO₂: Effect of Stabilizer Structure on Polymerization Rate and Particle Morphology, 51st Canadian Chemical Engineering Conference, Halifax, Canada, October 14-17.

Pladis P., Boultouka T. and Kiparissides C., 2001, Free-Radical Polymerization of Vinyl Monomers in scCO₂: Experimental Studies and Comprehensive Mathematical Modeling, DECHEMA, Vol 137, pp. 99-106, Hamburg, Germany, October 8-10.

Samaras P., Kungolos A., Stavrakis I., Petala M., Kalafati E., Pantelidou C., Tsirtou M. and Sakellaropoulos G.P., 2001, Evaluation of Toxicity of Various Metal Elements to Different Microorganisms, 7th Conference on Environmental Science and Technology, Syros, Greece.

Sarigiannis Y., Stavropoulos G., Magafa V., Liakopoulou-Kyriakides M. and Garypidou L., 2001, Synthesis of RGD Analogues Incorporating Salicylic-Derivatives and their Effect on Human Platelet Aggregation in vitro, 2nd Hellenic Forum on Bioactive Peptides, Patras, Greece, 367-374.

Sato, H., Kagawa, N., Takaishi, Y., Higashi, Y., Yokoyama, C., Fujii, K., Murakami, K., Assael, M.J., Noguchi, M., Tanabe, H., Fukushima, M., and Takigawa, K., 2001, Currently Most Reliable Values for Properties of Pure Hydrofluorocarbons, Proceedings of IIR Conference, Paderborn, 3-5 October.

Seferlis P. and Kiparissides C., 2001, Optimizing Control of Molecular Weight Properties for Batch Free-Radical Polymerization Reactors, DYCOPS-6, Chejudo Island, Korea, June 4-6.

Seferlis P. and Kiparissides C., 2001, Prediction of the Joint Molecular Weight-Long Chain Branching Distribution in Free-Radical Branched Polymerizations, 51st Canadian Chemical Engineering Conference, Halifax, Canada, October 14-17.

Sideridis G.A., Kastrinakis E.G., Nychas S.G., 2001, An Experimental Methodology for Enhancing 2-D Flow Characteristics in a 3D Turbulent Flow, Proceedings of the 6th National Congress of Mechanics, Ed. Aifantis E.C., Kounadis A.N., Vol. I, 96-101.

Stoforos N.G. and Taoukis P.S., 2001, High pressure process evaluation through kinetic modeling, Proceedings of the Eighth International Congress on Engineering and Food –ICEF 8–, Vol. II, 1437-1441, J. Welti-Chanes, C.V. Barbosa-Cánovas, J.M. Aquilera, L.C. López-Leal, P. Wesche-Ebeling, A. López-Malo, and E. Palou-García (Ed.), Technomic Publishing Company Inc., Lancaster, PA, USA.

Stoforos, N.G. and Taoukis, P.S., 2001. High pressure process evaluation through kinetic modeling. In Proceedings of the Eighth International Congress on Engineering and Food –ICEF 8–, Vol. II, p. 1437-1441, J. Welti-Chanes, C.V. Barbosa-Cánovas, J.M. Aquilera, L.C. López-Leal, P. Wesche-Ebeling, A. López-Malo, and E. Palou-García (Ed.), Technomic Publishing Company Inc., Lancaster, PA, USA.

Tsiridis V., Kungolos A., Petala M., Samaras P. and Sakellaropoulos G.P., 2001, The Use of Ultraviolet Spectrophotometry for the Rapid Examination of Wastewater Quality, International Conference on Ecological Protection of the Planet Earth, Xanthi, Greece, 1, 485.

Vlahou M., Christofides G., Sikalidis C., Kasoli-Fournaraki A., Eleftheriadis, G., Upgrading of K-Feldspars of Samothraki island (NE Aegean sea) igneous rocks for use in the ceramic and glass industry, 9th International Congress of

the Geological Society of Greece, Contribution of Geosciences to Development, Athens, 26-28.09.2001.

Yiagopoulos A., Yiannoulakis H., Morris J. and Kiparissides C., 2001, Simulation of an Industrial Olefin Polymerization FBR Operating under Condensed Mode, ESCAPE11, Denmark, May 27-30.

Yiannoulakis H., Yiagopoulos A. and Kiparissides C., 2001, A Comprehensive Fluidized Bed Reactor Model for Prediction of Molecular and Morphological Properties in Catalyzed Olefin Polymerization, 2nd Chemical Engineering Conference for Collaborative Research in Eastern Mediterranean, Ankara, May 20-24.

Yiantsios S.G and Karabelas A.J., 2001, Colloidal fouling of desalination membranes and fouling indices, Proceedings of the IDA World Congress on Desalination and Water Reuse, Bahrain.

Zabaniotou A., Psomiadou, A. Tsaga, , 2001. Industrial wastes of Thessaloniki, Greece. Presented of the 11th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean region. Limassol, Cyprus, October 6- 10.

Zabaniotou A., Sanopoulos D., 2001. A generalized approach for the development of a database as a useful tool for solid (municipal and hazardous) waste management". Presented at the 8th International Waste Management and Landfill Symposium. S. Margherita di Pula, Cagliari, Sardinia. Italy. 1-5 October.

Assael M.J., Dalaouti N.J., Metaxa I., 2001, Reference Values for the Viscosity of Water, Proceedings of 3rd Panhellenic Scientific Chemical Engineering Conference, Athens.

Assael M.J., Gialou K., Dermentzoglou A., Papadopoulou A, Parthenopoulos T., 2001, The Use of CD-ROMs as a Teaching Tool, Proceedings of 3rd Panhellenic Scientific Chemical Engineering Conference, Athens.

Assael M.J., Gialou K., Labudova G, Vozar L., 2001, Thermal Conductivity of Solids, Proceedings of 3rd Panhellenic Scientific Chemical Engineering Conference, Athens.

Ασημοπούλου Α.Ν., Παπαγεωργίου Β.Π., Κυπαρισσίδης Κ., 2001, Μικροεγκλεισμός της φαρμακευτικής ουσίας σικονίνης σε μικροσωματίδια αιθυλοκυτταρίνης, 3ο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Μάιος, Αθήνα, 133-136.

Βυζιώτη Ε., Μουζά Α.Α., Λευκόπουλος Α., Παράς Σ.Β., 2001, Πρότυπα Διαπίστευσης Εργαστηρίων Μετρήσεων, 3ο Πανελ. Επιστημ. Συνέδριο Χημικής Μηχανικής, Αθήνα.

Βυζιώτη Ε., Μουζά Α.Α., Λευκόπουλος Α., Παράς Σ.Β., 2001, Πρότυπα Διαπίστευσης Εργαστηρίων Μετρήσεων, 3ο Πανελ. Επιστημ. Συνέδριο Χημικής Μηχανικής, Αθήνα.

Λάμπρου Χ., Μισοπολινού Δ. -Τάταλα, Κ. Παναγιώτου, C. Andras, B. Simandi, S. Kemeny, 31 Μαΐου - 2 Ιουνίου 2001, ΕΚΧΥΛΙΣΗ ΚΑΙ ΧΡΩΜΑΤΟΓΡΑΦΙΚΗ ΑΝΑΛΥΣΗ ΣΠΟΡΩΝ ΜΠΑΜΙΑΣ (HIBISCUS ESCULENTUS) ΜΕ CO₂ ΣΕ ΥΠΕΡΚΡΙΣΙΜΕΣ ΣΥΝΘΗΚΕΣ” 3ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Αθήνα, Πρακτικά Συνεδρίου, Τόμος Β', 753-756.

Λάμπρου Χ., Μισοπολινού-Τάταλα Δ., Α. Πετροπούλου, Ε. Δήμου, Κ. Παναγιώτου, Ε. Ρονγαι, Β. Simandi, Α. Prechl, 31 Μαΐου - 2 Ιουνίου 2001, Χρωματογραφική Μελέτη α-Τοκοφερόλης και Σκουαλενίου σε Εκχυλίσματα Ελαιοκάρπου και Ελαιοπυρήνας με Υπερκρίσιμο CO₂, 3ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Αθήνα, Πρακτικά Συνεδρίου, Τόμος Β', 697-700.

Λάμπρου Χ., Μισοπολινού-Τάταλα Δ., Παναγιώτου Κ., Andras C., Simandi B., Kemeny S., 31 Μαΐου - 2 Ιουνίου 2001, ΕΚΧΥΛΙΣΗ ΚΑΙ ΧΡΩΜΑΤΟΓΡΑΦΙΚΗ ΑΝΑΛΥΣΗ ΣΠΟΡΩΝ ΜΠΑΜΙΑΣ (HIBISCUS ESCULENTUS) ΜΕ CO₂ ΣΕ ΥΠΕΡΚΡΙΣΙΜΕΣ ΣΥΝΘΗΚΕΣ” 3ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Αθήνα, Πρακτικά Συνεδρίου, Τόμος Β', 753-756.

Λάμπρου Χ., Μισοπολινού-Τάταλα Δ., Πετροπούλου Α., Δήμου Ε., Παναγιώτου Κ., Ρονγαι Ε., Simandi Β., Prechl Α., 2001, Χρωματογραφική Μελέτη α-Τοκοφερόλης και Σκουαλενίου σε Εκχυλίσματα Ελαιοκάρπου και Ελαιοπυρήνας με Υπερκρίσιμο CO₂, 3ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, 31 Μαΐου - 2 Ιουνίου, Αθήνα, Πρακτικά Συνεδρίου, Τόμος Β', 697-700.

Μαρκόπουλος Ι.Ν., Παράς Σ.Β., Μπαμπαλώνα Ε., 2001, Μελέτη του Φαινομένου της Πλημμύρισης σε Αναδευόμενα Συστήματα Αερίου-Υγρού με μονούς και Διπλούς Προωθητήρες, 3ο Πανελ. Επιστημ. Συνέδριο Χημικής Μηχανικής, Αθήνα.

Ματζινός Π, Μπικιάρης Δ, Παναγιώτου Κ. Χρήση σιλανιούχων συνδετικών και συμπολυμερών για την παραγωγή σύνθετων υλικών πολυολεφινών/υαλοϊνών. 3ο Πανελλήνιο συνέδριο χημικής μηχανικής, Αθήνα 2001, pp. 601-604.

Ματζινός Π., Μπικιάρης Δ., Παναγιώτου Κ., Χρήση σιλανιούχων συνδετικών και συμπολυμερών για την παραγωγή σύνθετων υλικών πολυολεφινών/υαλοϊνών. 3ο Πανελλήνιο συνέδριο χημικής μηχανικής, Αθήνα 2001, pp. 601-604.

Μήτρακας Μ., Ζουρνατζίδου Π. και Τσαλώνη Ε., Απομάκρυνση και Καταστροφή της Giardía και του Cryptosporidium από το Νερό, 3ο Πανελλήνιο Συνέδριο Χημικής Μηχανικής, 1077-1080, Αθήνα, 31.05 – 2.06.2001.

Μήτρακας Μ., Συμεωνίδης Κ. και Τερζίδης Χ., Αξιολόγηση της απολυμαντικής Ικανότητας και του Σχηματισμού Βρωμικών σε Σχέση με την Προστιθέμενη Δόση Όζοντος κατά την Επεξεργασία του Πόσιμου Νερού, 3ο Πανελλήνιο Συνέδριο Χημικής Μηχανικής, 1073-1076, Αθήνα, 31.05 – 2.06.2001.

Τσιβιντζέλης Ι., Χριστοδουλάκης Α., Λάμπρου Χ., Μισοπολινού-Τάταλα Δ., Παναγιώτου Κ., 31 Μαΐου - 2 Ιουνίου 2001, Εκχύλιση Ελαιοκάρπου και Ελαιοπυρήνας με Υπερκρίσιμο CO₂, 3ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Αθήνα, Πρακτικά Συνεδρίου, Τόμος Β', 781-784.

Τσιβιντζέλης Ι., Χριστοδουλάκης Α., Χ. Λάμπρου, Δ. Μισοπολινού-Τάταλα, Κ. Παναγιώτου, 31 Μαΐου - 2 Ιουνίου 2001, Εκχύλιση Ελαιοκάρπου και Ελαιοπυρήνας με Υπερκρίσιμο CO₂, 3ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Αθήνα, Πρακτικά Συνεδρίου, Τόμος Β', 781-784.

Ψωμάς Σ., Παπαγιάννη Μ., Μπασιλάς Λ., Κυριακίδης Δ.Α., Παράς Σ.Β., Λιακοπούλου-Κυριακίδου Μ., 2001, Μελέτη παραγωγής ξανθάνης με το μικροοργανισμό *xanthomonas campestris w.t.*, 3ο Πανελ. Επιστημ. Συνέδριο Χημικής Μηχανικής, Αθήνα.

2002

Albanakis K., Mitrakas M., Moustaka-Gouni M. and Psilovikos A., Determination of the Environmental Parameters that Influence Sulphide Formation in the Newly Formed Thesaurus Reservoir, in Nestos River, Greece, Hydorama 2002, 3rd International Forum, 325-331, Athens, Greece, 21-22.03.2002.

Alexandridou S., Antoniou D., Boulouka T., Pladis P. and Kiparissides C., 2002, Synthesis and modification of polymers in scCO₂: A cleaner way for manufacturing of plastics, 1st Workshop of CPERI, Thessaloniki, Greece, December 6-7..

Alexandridou S., Kammona O., Dini E. and Kiparissides C., 2002, Polymeric nano- and microparticles for controlled release applications, 1st Workshop of CPERI, Thessaloniki, Greece, December 6-7.

Alexopoulos A.H. and Kiparissides C., 2002, Solution of PBEs for Prediction of PSD in Particulate Systems: Effect of Combined Nucleation, Growth and Aggregation, 2002 Annual Meeting AIChE, Indianapolis, USA, November 1-4.

Assael M.J. and Gialou K., 2002, A Transient Hot-Wire Instrument for the Measurement of the Thermal Conductivity of Solids up to 590 K, Proceedings of 16th European Conference on Thermophysical Properties, London, 1-6 September.

Avgidou M.S., Kaldis S.P. and Sakellariopoulos G.P., 2002, Cascade membrane Schemes for the Gas Separation of Olefins and Paraffins, International Conference on Membranes and Membrane Processes 2002, Toulouse, France.

Avgidou M.S., Kaldis S.P. and Sakellariopoulos G.P., 2002, Membrane Technology for Cleaner Transportation Fuels, VI International Conference on Protection and Restoration of the Environment, Skiathos, Greece.

Baltsas A., Chatzidoukas C., Krallis A., Kotoulas C., Papadopoulos E., Pladis P., Vassiliadou M. and Kiparissides C., 2002, Development of advanced

polymerization process modeling, simulation, design and optimization tools, 1st Workshop of CPERI, Thessaloniki, Greece, December 6-7.

Boudouris D., Prinos J., Panayiotou C. 2002, Gas solubility in semicrystalline polymers at low to moderately high pressures, An experimental and theoretical study” 19th European Conference on Applied Thermodynamics (ESAT 2002), 6-10/09, Santorini, Greece.

Boudouris D., Prinos J., Panayiotou C. 6-10/9/2002, Gas solubility in semicrystalline polymers at low to moderately high pressures, An experimental and theoretical study” 19th European Conference on Applied Thermodynamics (ESAT 2002), Santorini, Greece.

Boultouka T., Kiparissides C., Gustafson B. and Pohler H., 2002, Effect of Particle Morphology on Solubility and Diffusivity of Ethylene in Semi-Crystalline, Bimodal PE Produced by the Borstarâ Process, ECOREP II, Lyon, France, July 1-4.

Chatzidoukas C., Kiparissides C., Pistikopoulos E.N. and Perkins J.D., 2002, Dynamic Simulation of the Borstar Multistage Olefin Polymerization Process, 2002 Annual Meeting AICHE, Indianapolis, USA, November 1-4.

Chatzidoukas C., Kiparissides C., Pistikopoulos E.N. and Perkins J.D., 2002, Optimal Grade Transition in a Gas-Phase Polyolefin FBR using Mixed Integer Dynamic Optimization, ECOREP II, Lyon, France, July 1-4.

Dompazis G., Boultouka T., Giannoulakis H., Kanellopoulos V. and Kiparissides C., 2002, Improved property control and reactor operability in polyolefins production, 1st Workshop of CPERI, Thessaloniki, Greece, December 6-7..

Karagiannakis G., Ouzounidou M., Skodra A., Zisekas S. and Stoukides M., 2002, Hydrogenation of Carbon Dioxide on Cu in a Proton Conducting Membrane Reactor, Proceedings of the 7th Panhellenic Symposium on Catalysis, Edessa, November 8-9, 235-240.

Mavroudi M., Kaldis S.P. and Sakellaropoulos G.P., 2002, Reduction of Acid Gas Emissions Using a Membrane Contacting Process, International Conference on Membranes and Membrane Processes, Toulouse, France.

Mavroudi M., Pantoleontos G., Kaldis S.P. and Sakellaropoulos G.P., 2002, Membrane-Based Absorption Process for the Reduction of Acid gas Emissions, VI International Conference on Protection and Restoration of the Environment, Skiathos, Greece

Mitrakas M., Bougiouklis I. and Andritsos N., Optimum Use of Coagulants for the Removal of Particulates and Organics from Aliakmon River Water, VI Int. Conf. Protection and Restoration of the Environment, 99- 106, Skiathos, 1-5.06.2002.

Mouza A.A., Paras S.V., Karabelas A.J., 2002, The influence of small diameter pipes and inclination angle on flooding phenomena, 15th International Congress of Chemical and Process Engineering, Prague, Czech Republic.

Mouza A.A., Paras S.V., Karabelas A.J., 2002, The influence of small diameter pipes and inclination angle on flooding phenomena, CHISA 2002, 15th International Congress of Chemical and Process Engineering, Prague, Czech Republic.

Paras S.V., Kanaris A.G. Mouza A.A., Karabelas A.J., 2002, CFD code application for flow through narrow channels with corrugated walls, 15th International Congress of Chemical and Process Engineering, Prague, Czech Republic.

Paras S.V., Kanaris A.G., Mouza A.A., Karabelas A.J., 2002, CFD code application for flow through narrow channels with corrugated walls, CHISA 2002, 15th International Congress of Chemical and Process Engineering, Prague, Czech Republic.

Pladis P. and Kiparissides C., 2002, Comprehensive Modeling of Free Radical Polymerization of Vinyl Monomers in Supercritical CO₂, 2002 Annual Meeting AIChE, Indianapolis, USA, November 1-4.

Sarigiannis Y., Stavropoulos G., Liakopoulou-Kyriakides M. and Makris P.E., 2002, Synthetic Tripeptides (RGD Analogs) Incorporating Moiety of Salicylic Derivatives Strongly Inhibit Platelet Function in vitro, *Epitheorese Klinikes Farmakologias kai Farmakokinitikes*, International Edition, vol 16, p. 43.

Sarigiannis Y.M., Stavropoulos G.P., Liakopoulou-Kyriakides M. and Makris P.E., 2002, Synthetic RGD peptides incorporating salicylic acid derivatives show antiplatelet activity in vitro, 27th E.P.S., *Procds*, 606-607.

Seferlis P. and Kiparissides C., 2002, Prediction of the Joint Molecular Weight-Long Chain Branching Distribution in Free-Radical Branched Polymerization, ESCAPE-12, Hague, Netherlands, May 26-29.

Sikalidis C.A., Behaviour of clinoptilolite bearing rock from Metaxades (N.E.Greece) in fixed bed columns as decontaminating agent for Cs, Pb, Cu, Zn, Cd, Mn and Hg from liquid phases, 6th International Conference on the occurrence, properties and utilization of natural zeolites, Aristotle Univ. of Thessaloniki and I.G.M.E, Thessaloniki, 3-7.06.2002.

Skodras G., Grammelis P., Kakaras E. and Sakellaropoulos G.P., 2002, Evaluation of the Environmental Impact of Waste Wood Co-utilisation for Energy Production, ECOS 2002, *Proceedings*, p. 796, Berlin, Germany.

Taimoori M., Pantoula M., Panayiotou C., 2002, An equation-of-state model for polydisperse polymer systems 19th European Conference on Applied Thermodynamics (ESAT 2002), 6-10/09, Santorini, Greece.

Taimoori M., Pantoula M., Panayiotou C., 6-10/9/2002, An equation-of-state model for polydisperse polymer systems 19th European Conference on Applied Thermodynamics (ESAT 2002), Santorini, Greece.

Yiantsios S.G and Karabelas A.J., 2002, Advanced membrane processes for water and materials recovery, Proceedings of the 3rd International Forum Integrated Water Management: The Key to Sustainable Water Resources HYDRORAMA, ΕΥΔΑΠ, Athens, pp. 302-310,

Zabaniotou A., 2002. Pyrolysis of agricultural wastes (biomass) in Greece. Presented at the 12th European Conference and technology Exhibition on Biomass for Energy and Industry and Climate Protection. Amsterdam, The Netherlands, 17-21 June.

Zabaniotou A., Karabelas A.J., 2002. Pyrolysis of agricultural wastes and used tires. Presented at the Pyrolysis & Gasification of Biomass & Waste meeting of Thermonet network. Strasbourg, France 1-2 October.

Zabaniotou A., Stavropoulos G., 2002. Pyrolysis of used automobile tires and residual char utilization". Presented at 9th European Tires Recycling Conference (ETRA 2002). Brussels, Belgium. 13-15 March.

Ζαμπανιώτου Α., Τσάγκα Α. και Χ. Ψωμιάδου, 2002. Καταγραφή των επικίνδυνων στερεών βιομηχανικών αποβλήτων του Ν. Θεσσαλονίκης. Παρουσίαση στο. 1ο Συνέδριο για την Διαχείριση Στερεών Αποβλήτων. Ελληνική Εταιρεία Στερεών Αποβλήτων. Αθήνα, 21-23 Φεβρουαρίου

Ζαμπετάκης Θ., Σικαλίδης Κ., Δαγγίλας Κ., Χρήση Μαγνησίτη στα Κεραμικά, 3ο Πανελλήνιο Συνέδριο Κεραμικών, Ελληνική Κεραμική Εταιρεία, Αθήνα, 12-13.12. 2002.

Μήτρακας Μ., Μπουγιουκλής Γ., Στοιλίδου Μ., Απομάκρυνση του Αρσενικού από το Νερό με Συμβατική Ιζηματοποίηση με Fe^{3+} , Al^{3+} , 6ο Πανελλήνιο Υδρογεωλογικό Συνέδριο, 385-392, Ξάνθη, 8-10.11.2002.

Μήτρακας Μ., Μπουγιουκλής Ι., Στοιλίδου Μ., Αρσενικό στο Πόσιμο Νερό: Επίδραση στην Υγεία και Τεχνικές Απομάκρυνσης, 1ο Περιβαλλοντικό Συνέδριο Μακεδονίας, 391-396, Θεσσαλονίκη, Μάρτιος 2002.

2003

Kiparissides C., 2003, Population Balance Modeling of Particulate Polymerization Processes, Polymer Reaction Engineering: Modelling, Optimisation and Control Conference, Lyon, Nov 30 - Dec. 3.

Alexandridou A. and Kiparissides C., 2003, Nanoscale Functionalities for Medicine, Nutrition and Health, Euronanoforum 2003, Trieste, Italy, December 9-12.

Alexandridou S., Kammona O., Dini E., Dermiki M., Kotti K. and Kiparissides C., 2003, Polymeric Nano- and Micro-particles for Controlled Release

Applications, 4th Panhellenic Scientific Conference on Chemical Engineering, May 29-31, Patra, Greece.

Assael M.J. and Gialou K., 2003, Thermal Conductivity of Reference Solid Materials, Proceedings of 15th Symposium on Thermophysical Properties, Boulder, Colorado, USA.

Assael M.J. and Gialou K., 2003, Thermal Conductivity of Reference Solid Materials, Proceedings of 4th Panhellenic Scientific. Chemical Engineering Conference, Patra, p. 849-852.

Assael M.J., Chen C.-F., Metaxa I., and Wakeham W.A., 2003, Thermal Conductivity of C-MWNT suspensions in water, Proceedings of 15th Symposium on Thermophysical Properties, Boulder, Colorado, USA.

Assael M.J., Chen C.-F., Metaxa I., and Wakeham W.A., 2003, Thermal Conductivity of C-MWNT suspensions in water, Proceedings of 4th Panhellenic Scientific. Chemical Engineering Conference, Patra, p. 853-856.

Assael M.J., Vagia K., Kakosimos K., and Parthemopoulos T., 2003, Simulation of the Spreading of Heave Vapour Chemicals, Proceedings of 4th Panhellenic Scientific. Chemical Engineering Conference, Patra,, p. 1049-1052.

Bachtsi A.R., Alexandridou S., Kammona O. and Kiparissides C., 2003, On the Synthesis of Oil-Containing Cross-linked Polyvinyl Alcohol Microcapsules by Phase Separation for Controlled Release Applications, IX International Workshop on Bioencapsulation, Strasbourg, May 24-27.

Chatzidoukas C., Perkins J.D., Pistikopoulos E.N. and Kiparissides C., 2003, Dynamic Simulation of the Borstar[®] Multistage Olefin Polymerization Process, ESCAPE13, Lappeenranta, Finland, June 1 – 4.

Dermiki M., Kotti K., Alexandridou S., Kammona O., Dini E. and Kiparissides C., 2003, Polymeric Nanoparticles for Controlled Release Applications, XIX Greek Conference on Solid State Physics & Materials Science (XIX GCSM), September 21-24, Thessaloniki, Greece.

Dermiki M., Kotti K., Dini E., Kammona O., Alexandridou S. and Kiparissides C., 2003, Polymeric Nanoparticles for Targeted Drug Delivery, NANOFUNCTIONS Workshop on Nanoscale Functionalities for Medicine, Nutrition and Health, October 17-18, Chalkidiki, Greece.

Dini N., Kammona O. and Kiparissides C., 2003, Synthesis of Highly Crosslinked Porous Microgels for the Removal of Organic Contaminants from Aqueous Solutions, 3rd Chemical Engineering Conference for Collaborative Research in Eastern Mediterranean, Thessaloniki, May 13-15.

Dompazis G., Kannelopoulos V., Boultouka T., Yiannoulakis H. and Kiparissides C., 2003, Catalytic Production of Polyolefin in the gas phase, 1st Panhellenic Plastics Congress, Athens, March 15-17.

Drosos E.I.P., Paras S.V., Karabelas A.J., 2003, An experimental study of liquid films flowing down a vertical plate for low Reynolds numbers: effect of surface tension, 4th European Congress of Chemical Engineering, Granada, Spain.

Drosos E.I.P., Paras S.V., Karabelas A.J., 2003, Counter-current gas-liquid flow in vertical narrow channels. Film characteristics and flooding phenomena, 3rd Chem. Engineering Conference for Collaborative Research in East. Mediterranean, Thessaloniki.

Kanellopoulos V., Dompazis G. and Kiparissides C., 2003, Study of the Effect of Catalyst Morphology and Diffusion Phenomena on the Polymer Particle Growth Rate, XIX Greek Conference on Solid State Physics & Materials Science (XIX GCSM), September 21-24, Thessaloniki, Greece

Kanellopoulos V., Dompazis G., Yiannoulakis, H. and Kiparissides C., 2003, Mathematical Simulation of Diffusion Phenomena of Polymer Particles. The Model of Random Pores and Polymeric Dilution, 4th Panhellenic Scientific Conference on Chemical Engineering, May 29-31, Patra, Greece.

Kiparissides C., Baltsas A., Congalidis J. P., Richards J. R., Kelly M. B. and Ye Y., 2003, Mathematical Modeling of LDPE Copolymers in High-Pressure Tubular Reactors, 2003 Annual Meeting AIChE, San Francisco, USA, November 16-21.

Kiparissides C., Dini E. and Kammona O., 2003, Synthesis of Nanosponge Molecular Reservoirs for the Removal of Organic Contaminants from Aqueous Solutions, IX International Workshop on Bioencapsulation, Strasbourg, May 24-27.

Kotoulas C., Pladis P., Papadopoulos E. and Kiparissides C., 2003, Computer Aided Design of Styrene Batch Suspension Polymerization Reactors, ESCAPE13, Lappeenranta, Finland, June 1 – 4.

Kungolos A., Hadjispyrou S., Petala M., Tsiridis V., Samaras P. and Sakellaropoulos G.P., 2003, Assessment of Interactive Toxic Effects of Copper, Zinc and Lead on *Vibrio Fischeri* in the Presence of Humic Acids, 12th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, MESAEP & SECOTOX, Antalya, Turkey.

Kungolos A., Hadjispyrou S., Petala M., Tsiridis V., Samaras P. and Sakellaropoulos G.P., 2003, Toxic Properties of Cyanide and Organotin Compounds and their Interactions on *Daphnia Magna*, 8th International Conference on Environmental Science and Technology, ed. T. D. Lekkas, Lemnos Island, Greece.

Lazaridis N., Kammona O. and Kiparissides C., 2003, Production of Environmental Friendly Polymer Latexes, 1st Panhellenic Plastics Congress, Athens, March 15-17.

Markopoulos J. and Tsiliopoulou E., 2003, Power Consumption in Agitated Vessels with Dual Rushton Turbines: Baffle Length and Impeller Spacing Effects, Preprints 11th European Conference on Mixing, VDI-GVC, VDI-GVC, Duesseldorf, , 543-548.

Mitrakas M. and Bougiouklis I., Differences in the Treatment for Particulates Removal from Surface and Ground Waters: The Case of Sidirokastro and Velvendo, 8th International Conference Environmental Science and Technology, 580-587, Greece, 8-10.09.2003.

Mitrakas M., Bougiouklis I. and Andritsos N., Direct Sand Filtration for Particulates Removal from Aliakmon River Water, XXX IAHR Congress: Water Engineering and Research in a Learning Society, 541-547, Thessaloniki, 24-29 .08.2003.

Mitrakas M., Bromate Determination in Ozonated Waters by Phenothiazines, 3th International Conference in Instrumental Methods of Analysis Modern Trends and Applications, 792-795, Thessaloniki, 23-27.09.2003.

Mouza A.A., Pantzali M.N., Paras S.V., Karabelas A.J., 2003, The influence of liquid properties on flooding phenomena in small diameter tubes, 4th European Congress of Chemical Engineering, Granada, Spain.

Mouza A.A., Pantzali M.N., Paras S.V., Karabelas A.J., 2003, The influence of liquid properties on flooding phenomena in small diameter tubes, 4th European Congress of Chemical Engineering, Granada, Spain.

Orfanoudaki Th., Skodras G., Dolios I. and Sakellaropoulos, G.P., 2003, Activated Carbon Fiber Modification by Hydrocarbon – Nitrogen RF Discharges, accepted in 16th International Symposium on Plasma Chemistry, Taormina, Italy.

Papadimitriou Ch., Petala M., Samaras P., Christofi N. and Sakellaropoulos G.P., 2003, Evaluation of Toxic Properties of Industrial Effluents, 11th International Symposium on Toxicity Assessment, Vilnius, Lithuania.

Parouti S., Kammona O. and Kiparissides C., 2003, Study of the Rheological Behaviour and Mechanical Properties of the Terpolymer of Methyl Methacrylate/Butyl acrylate / Acrylic Acid (MMA/BuA/AA), XIX Greek Conference on Solid State Physics & Materials Science (XIX GCSM), September 21-24, Thessaloniki, Greece.

Petala M., Tsiridis V., Kungolos A., Samaras P., Papadimitriou C., Christofi N. and Sakellaropoulos G.P., 2003, Evaluation of Industrial Effluent Ecotoxicity, International Symposium on Toxicity Assessment 11 (ISTA 11) , Vilnius, Lithuania.

Roussos A., Alexopoulos A. and Kiparissides C., 2003, Predictions of the Particle Size Distribution in Batch and Continuous Reactors. Prediction of Nucleation, Particle Growth and Particle Coagulation Phenomena, XIX Greek

Conference on Solid State Physics & Materials Science (XIX GCSM),
September 21-24, Thessaloniki, Greece.

Sarigiannis Y., Lygerou G., Stavropoulos G., Liakopoulou-Kyriakides M. and Makris P.E., 2003, Incorporating Salicylic Acid Derivatives with Specific Inhibitory Activity to the Gp-Ib Platelet receptor, *Epitheorese Klinikes Farmakologias kai Farmakokinitikes*, International Edition, vol 17, p. 122.

Sarigiannis Y., Stavropoulos G. and Liakopoulou-Kyriakides M., 2003, Synthetic RGD Peptides Incorporating Salicylic Acid Derivatives and their Antiplatelet Activity in vitro, *Epitheorese Klinikes Farmakologias kai Farmakokinitikes*, International Edition, vol 17, p. 106.

Sarigiannis Y., Stavropoulos G., Liakopoulou-Kyriakides M., and Makris P.E., 2003, Synthesis and antiplatelet effects of RGD peptides incorporating salicylic acid derivatives, *Amino Acids*, vol 25, p. 126.

Sarigiannis Y., Stavropoulos G., Liakopoulou-Kyriakides M., Girtovitis F. and Makris P.E., 2003, Synthetic Tripeptides with specific inhibitory action against Gp-Ib glycoprotein, *J. of Thrombosis and Haemostasis*, Suppl. July 2003, P1302.

Sikalidis C., Zaspalis V., Utilization of Mn-Fe solid wastes from electrolytic MnO₂ production, in the manufacture of ceramic building products, 8th International Conference on Environmental Science Technology, University of Aegean, Lemnos Island, Greece, 8-10.09.2003.

Skodras G., Diamantopoulou Ir., Natas P., Orfanoudaki Th., Amarantos P.S., Stavropoulos G.G. and Sakellaropoulos G.P., 2003, Mercury and PCBs Adsorption on Activated Carbons: Experimentation and Modelling, 8th International Conference on Environmental Science and Technology, Proceedings (ISBN 960-7475-24-0), Vol. A, 800-813, (ed. T.D. Lekkas), Lemnos Island, Greece.

Tserki V., Panayiotou C., 2003, Development of new biodegradable composites. 4th Panhellenic Conference in Chemical Engineering, May, Patras, 305-308.

Tserki, V., Panayiotou, C., May 2003, Development of new biodegradable composites. 4th Panhellenic Conference in Chemical Engineering, Patras, 305-308.

Vassiliadou M., Krallis A., Kotoulas C., Baltsas A., Papadopoulos E., Pladis P., Chatzidoukas Ch. and Kiparissides C., 2003, Development of Advanced Logistic Tools of the Designing, Optimization and Control of Polymeric Processes, 4th Panhellenic Scientific Conference on Chemical Engineering, May 29-31, Patra, Greece.

Yiantsios S.G and Karabelas A.J., 2003, Colloidal fouling of RO membranes. Efforts to develop reliable prediction techniques, Proceedings of the IDA World Congress on Desalination and Water Reuse, Bahamas.

Alexopoulos A.H., Roussos A. and Kiparissides C., 2003, Study of Nucleation, Particle Growth and Coagulation Phenomena and Prediction of Particle Size Distribution of Polymer Systems, 4th Panhellenic Scientific Conference on Chemical Engineering, May 29-31, Patra, Greece.

Ασημοπούλου Α., Αντωνίου Α., Σωτήρας Ν., Παπαγεωργίου Β.Π., 2003, Μελέτη της αντιοξειδωτικής δράσης φυτικών ρητινών σε έλαια, 4ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Πάτρα, Μάιος, 465-468.

Ασημοπούλου Α., Κοκκίνη Σ., Βασιλείου Α., Τζημοράγκας Δ., Δημοπούλου Α., Παπαγεωργίου Β.Π., 2003, Προκαταρκτική χημική ανάλυση ισοξενυλοναφθαζαρινών φυτικής προέλευσης, 4ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Πάτρα, Μάιος, 469-472.

Ατμακίδης Θ.Γ., Δαλάκογλου Γ.Κ., Μουζά Α.Α., Παράς Σ.Β., 2003, Πειραματική μελέτη και προσομοίωση στήλης φυσαλίδων, 4ο Πανελ. Επιστημ. Συνέδριο Χημ. Μηχανικής, Πάτρα.

Ατμακίδης Θ.Γ., Δαλάκογλου Γ.Κ., Μουζά Α.Α., Παράς Σ.Β., 2003, Πειραματική μελέτη και προσομοίωση στήλης φυσαλίδων, 4ο Πανελ. Επιστημ. Συνέδριο Χημ. Μηχανικής, Πάτρα.

Καράμπελας Α.Ι., Γιάντσιος Σ.Γ, Κατσουφίδου Κ., και Σιουτόπουλος Δ., 2003. Προηγμένες διεργασίες μεμβρανών για ανάκτηση νερού και περιβαλλοντική προστασία, Πρακτικά Συνεδρίου - 4η Διεθνής Έκθεση και Συνέδριο για τη Τεχνολογία Περιβάλλοντος HELECO, ΤΕΕ, , Αθήνα, 266-275.

Καραπέτσας Γ.Κ., Μωυσίδης Χ., Καστρινάκης Ε.Γ., Νυχάς Σ.Γ., 2003, Αερισμός νερού με διάταξη υποβρύχιας αντλίας-ακροφυσίου, Πρακτικά 9ου Πανελληνίου Συνεδρίου Ελληνικής Υδροτεχνικής Ένωσης, 469-476 .

Λάμπρου Χ., Μισοπολινού-Τάταλα Δ., Α.Τριανταφύλλου και Κ. Παναγιώτου, 2003, ΕΚΧΥΛΙΣΗ ΚΑΙ ΧΡΩΜΑΤΟΓΡΑΦΙΚΗ ΜΕΛΕΤΗ ΑΙΘΕΡΙΟΥ ΕΛΑΙΟΥ ΔΙΑΦΟΡΩΝ ΠΟΙΚΙΛΙΩΝ ΡΙΓΑΝΗΣ ΜΕ ΥΠΕΡΚΡΙΣΙΜΟ CO₂, 4ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Πάτρα, 933-936.

Λάμπρου Χ., Μισοπολινού-Τάταλα Δ., Τριανταφύλλου Α. και Παναγιώτου Κ., 2003, ΕΚΧΥΛΙΣΗ ΚΑΙ ΧΡΩΜΑΤΟΓΡΑΦΙΚΗ ΜΕΛΕΤΗ ΑΙΘΕΡΙΟΥ ΕΛΑΙΟΥ ΔΙΑΦΟΡΩΝ ΠΟΙΚΙΛΙΩΝ ΡΙΓΑΝΗΣ ΜΕ ΥΠΕΡΚΡΙΣΙΜΟ CO₂, 4ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Πάτρα, 933-936.

Μαρκίδης Σ.Σ., Τσακαλούδη Β., Παπάζογλου Ε., Σικαλίδης Κ., Ζασπάλης Β., Πειραματική Μελέτη των Μηχανισμών Ηλεκτρομαγνητικών Απωλειών Μαγνητικών Υλικών του τύπου Mn_xZn_{1-x}Fe₂O₄, 19ο Πανελλήνιο Συνέδριο Φυσικής Στερεάς Κατάστασης, Α.Π.Θ., Θεσσαλονίκη, 21-24.09.2003.

Μήτρακας Μ. και Συμεωνίδης Κ., Συσχέτιση της Απολύμανσης και του Σχηματισμού Βρωμικών κατά την Εμφιάλωση Οξονισμένου Νερού σε Εργαστηριακή και Βιομηχανική Κλίμακα, 4ο Πανελλήνιο Συνέδριο Χημικής Μηχανικής, 1085-1088, Πάτρα, 29-31.05. 2003.

Μινοπούλου Ε., Παναγιώτου Κ., Δεσύπρη Ε., Παϊπέτης Α., Γκιώνης Β., Χρυσικός Γ.Δ., 2003, Σύνθεση και Χαρακτηρισμός Ρητινών Ουρίας-Φορμαλδεΐδης, 4ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, 29-31 Μαΐου, Πάτρα, 309-312.

Μινοπούλου Ε., Παναγιώτου Κ., Ε. Δεσύπρη, Α. Παϊπέτης, Β. Γκιώνης, Γ.Δ. Χρυσικός, 29 – 31 Μαΐου 2003, Σύνθεση και Χαρακτηρισμός Ρητινών Ουρίας-Φορμαλδεΐδης, 4ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Πάτρα, 309-312.

Νικολαΐδης Γ.Σ., Μουζά Α.Α., Κακαλιάς Σ.Σ., Παράς Σ.Β., 2003, Αξιοποίηση υγρών απόβλητων μονάδας επεξεργασίας μαρμάρων, 4ο Πανελ. Επιστημ. Συνέδριο Χημ. Μηχανικής, Πάτρα.

Νικολαΐδης Γ.Σ., Μουζά Α.Α., Κακαλιάς Σ.Σ., Παράς Σ.Β., 2003, Αξιοποίηση υγρών απόβλητων μονάδας επεξεργασίας μαρμάρων, 4ο Πανελ. Επιστημ. Συνέδριο Χημ. Μηχανικής, Πάτρα.

2004

Kiparissides C., 2004, Challenges In Polymerization Reactor Modeling And Optimization: A Population Balance Perspective, 7th International Symposium on Dynamics and Control of Process Systems, Massachusetts, USA, July 5-7.

Kiparissides C., 2004, Development of Advanced Polymerization Process 2nd Workshop of CPERI, Thessaloniki, Greece, December 15-16.

Alexopoulos A. and Kiparissides C., 2004, Prediction of Particle size Distribution in non-Homogeneous Particulate Systems: two Compartment Model of an Emulsion Polymerization Reactor, International Symposium on Polymers in Dispersed Media, Lyon, France, April 4-8.

Alexopoulos A.H. and Kiparissides C., 2004, Solution of Population Balance Equations in Particulate Systems: Coupled Nucleation, Aggregation and Growth, 2nd International Conference on Population Balance Modeling, Valencia, Spain, May 5-7.

Alexopoulos A.H. and Kiparissides C., 2004, Solution of Population Balance Equations in Particulate Systems: Coupled Nucleation, Aggregation and Growth, 16th International Congress of Chemical and Process Engineering, Prague, Czech Republic, August 22-26.

Assael M.J., Chen C.-F., Metaxa I.N., and Wakeham W.A., 2004, Thermal Conductivity of Nanofluids, Proceedings of 27th International Thermal Conductivity Conference, Tennessee (USA).

Avgidou M.S., Kaldis S.P. and Sakellaropoulos G.P., 2004, Membrane Cascade Schemes for Olefin-Paraffin Separation', Advanced Membrane Technology, Irsee, Germany.

Beginn U., Moeller M., Pladis P. and Kiparissides C., 2004, A Comprehensive Experimental and Theoretical Investigation of Free-Radical VDF

Polymerization in sc CO₂, 8th International Workshop on Polymer Reaction Engineering, DECHEMA, Hamburg, Germany, October 3-6.

Bourliva A., Michailidis K., Trontsios G., Sikalidis C., Removal of Lead (Pb²⁺) and Zinc (Zn²⁺) from Aqueous Solutions by Adsorption on Vermiculite from Askos area in Macedonia (Northern Greece), 10th EGE, International Congress Geology, Development, Culture, Geological Society of Greece, Thessaloniki, 15-17.04.2004.

Chaidou C., Kaldis S.P. and Sakellaropoulos G.P., 2004, Gas Permeation and Separation Properties of Ion-exchanged Zeolite/Polyimide Mixed Matrix Membranes, Euromembrane 2004, Hamburg, Germany.

Chatzidoukas Ch., Kotoulas C., Krallis A. and Kiparissides C., 2004, Mixed Integer Dynamic Optimization of Free-Radical Batch Polymerization Reactors, International Symposium on Knowledge Driven Batch Processes, Poros, Greece, June 6-9.

Chitanov V., Kiparissides C. and Petrov M., 2004, Neural-Fuzzy Modeling of Polymer Quality in Batch Polymerization Reactors, International Symposium on Knowledge Driven Batch Processes, Poros, Greece, June 6-9.

Chitanov V., Kiparissides C. and Petrov M., 2004, Neural-Fuzzy Modelling of Polymer Quality in Batch Polymerization Reactors, 2004 International IEEE Conference, Varna, Bulgaria, June 21-24.

Dagounaki C., Sikalidis C., Kassoli-Fournaraki A., Tsirambides A., Suitability of the Kozani's area (NW Macedonia, Greece) carbonate rocks for the cement industry and as aggregates in constructions, 10th EGE, International Congress Geology, Development, Culture, Geological Society of Greece, Thessaloniki, 15-17.04.2004.

Davakis E., Andronopoulos S., Sideridis G., Kastrinakis E., Nychas S., Bartzis J., 2004, Evaluation of the Lagrangian particle dispersion model DIPCOT against data from wind tunnel simulations of quasi two-dimensional turbulent flow, Proceedings of the 9th International conference on harmonization within atmospheric dispersion modelling for regulatory purposes, 1-4.

Dompazis G., Kanellopoulos V., Yiannoulakis H., Yiagopoulos A. and Kiparissides C., 2004, Dynamic Evolution of the Particle Size Distribution in Gas-Phase Olefin Polymerization Fluidized Bed Reactors, ESCAPE-14: European Symposium on Computer Aided Process Engineering, Lisbon, Portugal, May 16-19.

Fahmy S., Beginn U., Moeller M., Pladis P. and Kiparissides C., 2004, Phase Equilibria Behaviour of Polyvinylidene fluoride / Carbon Dioxide Mixtures: An Experimental and Theoretical Study, 8th International Workshop on Polymer Reaction Engineering, DECHEMA, Hamburg, Germany, October 3-6.

Goudoulas T.B., Kastrinakis E.G., Nychas S.G., 2004, Characteristic viscosities and a stress model fitting on the consecutive flow curves of dense

lignite water suspensions, Proceedings of the Hellenic Society of Rheology (HSR), 24.

Kaldis S.P., Kapantaidakis G., Sakellaropoulos G., Makhlof M., Cao J., 2004, CFD Modelling of Multicomponent Gas Separation in Hollow Fiber Membrane Modules, Euromembrane 2004, Hamburg, Germany.

Kammona O., Dini E. and C. Kiparissides, 2004, Synthesis of Porous Polymeric Nanoparticles for Water Treatment Applications, 8th International Workshop on Polymer Reaction Engineering, DECHEMA, Hamburg, Germany, October 3-6.

Kammona O., Kotti K., Dini E., Kotrotsiou O., Alexandridou S. and Kiparissides C., 2004, Functional Nano- and Microparticles for Drug, Nutrition, Agro and Environmental Applications, 2nd Workshop of CPERI, Thessaloniki, Greece, December 15-16.

Kammona O., Dini E. and Kiparissides C., 2004, Porous Polymeric Nanoparticles as Water Purification Systems, 16th International Congress of Chemical and Process Engineering, Prague, Czech Republic, August 22-26.

Kanaris A.G., Mouza A.A., Paras S.V., 2004, Designing novel compact heat exchangers for improved efficiency using a CFD code, 1st Intern. Conference "From scientific computing to computational engineering", Athens, Greece.

Kanaris A.G., Mouza A.A., Paras S.V., 2004, Designing novel compact heat exchangers for improved efficiency using a CFD code, 1st Intern. Conference "From scientific computing to computational engineering", Athens, Greece.

Kanellopoulos V., Dompazis G., Gustafsson B. and Kiparissides C., 2004, A Comprehensive Analysis of Single Particle Growth in Heterogeneous Olefin Polymerization: The Random Pore Polymeric Flow Model, 2nd Workshop of CPERI, Thessaloniki, Greece, December 15-16.

Kanellopoulos V., Dompazis G., Tsiliopoulou E. and Kiparissides C., 2004, An Experimental and Theoretical Investigation on the Diffusion of Olefins in Semi-Crystalline Polymers: The Influence of Swelling in Polymer-Penetrant Systems, 8th International Workshop on Polymer Reaction Engineering, DECHEMA, Hamburg, Germany, October 3-6.

Karagiannakis G., Kokkofitis C., Zisekas S. and Stoukides M., 2004, Production of H₂ from Propane Decomposition in a High Temperature Proton Conducting Cell-Reactor, Proceedings of the 8th Panhellenic Symposium on Catalysis, Agros, Cyprus, October 31-November 1, 155-159.

Kokkofitis C., Karagiannakis G., Ouzounidou M., Skodra A. and Stoukides M., 2004, Study of the Electrocatalytic Oxidation of Propane in an O₂- Conducting Solid Electrolyte, Proceedings of the 8th Panhellenic Symposium on Catalysis, Agros, Cyprus, October 31-November 1, 143-147.

Kotoulas C. and Kiparissides C., 2004, Dynamic Simulation of Particle Size Distribution in Suspension Polymerization Reactors, 16th International

Congress of Chemical and Process Engineering, Prague, Czech Republic, August 22-26.

Kotoulas C. and Kiparissides C., 2004, Time Evaluation of Particle Size Distribution in Suspension Batch Polymerization Reactors, International Symposium on Knowledge Driven Batch Processes, Poros, Greece, June 6-9.

Kotoulas C., Bousquet J. and Kiparissides C., 2004, Dynamic Simulation of Particle Size Distribution in Industrial Suspension Polymerization Reactors, 2nd Workshop of CPERI, Thessaloniki, Greece, December 15-16.

Kotrotsiou O., Kotti K., Kammona O. and Kiparissides C., 2004, Nanostructured materials for selective recognition and targeted drug delivery, 2nd Conference on Microelectronics, Microsystems and Nanotechnology, MMN, Athens, Greece, November 14-17.

Kotti K., Dini E., Kammona O., Alexandridou S. and Kiparissides C., 2004, Synthesis of functional nanoparticulated systems for targeted drug delivery, International Symposium on Polymers in Dispersed Media, Lyon, France, April 4-8.

Krallis A., Meimaroglou D., Saliakas V. and Kiparissides C., 2004, Dynamic Optimization of Molecular Weight Distribution in Batch Free-Radical Polymerization Reactors Using Orthogonal Collocation on Finite Elements and Fixed Pivot Numerical Methods, International Symposium on Knowledge Driven Batch Processes, Poros, Greece, June 6-9.

Kyriacou G., Lambrou Ch. and Missopolinou D., Electrochemical Formation of Ammonia at Constant and Square Wave Pulse Potential Electrolysis on Ru Cathodes, 55 ISE Meeting, Thessaloniki 2004

Lioumbas J., Nydal O.J., Paras S.V., 2004, Study of free falling liquid layer in inclined pipes: effect of diameter and inclination angle, 3rd Inter. Symposium on Two-Phase Flow Modeling and Experimentation, Pisa, Italy.

Mavroudi M., Kaldis S.P. and Sakellaropoulos G.P., 2004, The Membrane Mass Transfer Resistance in the Membrane-Based Absorption Process Using Microporous Polypropylene Hollow Fibers, Euromembrane, Hamburg, Germany.

Mouza A.A., Antoniadis K., Paras S.V., 2004, Building novel equipment modules for a commercial process simulator: the compact plate heat exchanger case, 16th International Congress of Chemical and Process Engineering, Prague, Czech Republic.

Mouza A.A., Antoniadis K., Paras S.V., 2004, Building novel equipment modules for a commercial process simulator: the compact plate heat exchanger case, CHISA 2004, 16th International Congress of Chemical and Process Engineering, Prague, Czech Republic.

Mouza A.A., Kazakis N.A., Paras S.V., 2004, Bubble column reactor design using a CFD code, 1st Intern. Conference "From scientific computing to computational engineering", Athens, Greece.

Mouza A.A., Kazakis N.A., Paras S.V., 2004, Bubble column reactor design using a CFD code, 1st Intern. Conference From scientific computing to computational engineering, Athens, Greece.

Ouzounidou M., Skodra A., Kokkofitis C., and M.Stoukides, 2004, Ammonia Synthesis on Fe electrodes in a Proton Conducting Solid Electrolyte Cell, Proceedings of the 8th Panhellenic Symposium on Catalysis, Agros, Cyprus, October 31-November 1, 241-244.

Pantzali N.M., Mouza A.A., Paras S.V., 2004, Pollutant emissions management in an existing plant by diminishing the production of undesirable compounds: the case of CHF₃, PRES 2004, 7th Intern. Conference "Process Integration, Modelling and Optimisation for Energy Saving and Pollution Reduction", Prague, Czech Republic.

Pantzali N.M., Mouza A.A., Paras S.V., 2004, Pollutant emissions management in an existing plant by diminishing the production of undesirable compounds: the case of CHF₃, PRES 2004, 7th Intern. Conference "Process Integration, Modelling and Optimisation for Energy Saving and Pollution Reduction", Prague, Czech Republic.

Papadimitriou C., Palaska G., Samaras P., Lazaridou M. and Sakellaropoulos G.P., 2004, The relation of protozoan population to activated sludge performance. 7th International Conference on Protection and Restoration of the Environment, ed. by Moutzouris C., Christodoulatos C., Dermatas D., Koutsospyros A. D., Skanavis C. and Stamou A., Mykonos island, Greece, p 175.

Parouti S., Kammona O., Kiparissides C. and Bousquet J., 2004, Rheological Behavior and Mechanical Properties of a Methyl Methacrylate/Butyl Acrylate/Acrylic Acid Emulsion Terpolymer, From Hard to Ultrasoft Colloids - Colloids and Polymeric assemblies near to and far from equilibrium, Koutouloufari, Crete, Greece, June 25-27.

Parouti S., Kammona O., Pladis P., Kiparissides C. and Bousquet J., 2004, A comprehensive experimental and theoretical investigation of the semi-batch methyl methacrylate / butyl acrylate / acrylic acid emulsion terpolymerization, International Symposium on Polymers in Dispersed Media, Lyon, France, April 4-8.

Pladis P., Alexopoulos A.H., Bousquet J. and Kiparissides C., 2004, Modelling of Vinylidene Fluoride Emulsion Polymerization, 2nd Workshop of CPERI, Thessaloniki, Greece, December 15-16.

Pladis P., Papadopoulos E. and Kiparissides C., 2004, Computer Aided Design of LDPE Autoclaves, 16th International Congress of Chemical and Process Engineering, Prague, Czech Republic, August 22-26.

Polatides C., Dortsiou M. and Kyriacou G., Electrochemical removal of nitrate from aqueous solution by square wave electrolysis, 55 ISE Meeting, Thessaloniki 2004

Polydera A.C., Stoforos N.G. and Taoukis P.S., 2004, Kinetics of pasteurized and high pressure processed Navel orange juice: nutritional parameters and shelf life, Proceedings of the 9th International Congress on Engineering and Food –ICEF 9–,331-336.

Polydera, A.C., Stoforos, N.G., and Taoukis P.S., 2004. Kinetics of pasteurized and high pressure processed Navel orange juice: nutritional parameters and shelf life. In Proceedings of the 9th International Congress on Engineering and Food –ICEF 9–, p. 331-336, (διαθέσιμο σε ηλεκτρονική μορφή).

Roussos A.I., Alexopoulos A.H. and Kiparissides C., 2004, Dynamic Evolution of PSD in Continuous Flow Reactors: A comparative Study of Fixed and Moving Grid Numerical Techniques, 2nd International Conference on Population Balance Modeling, Valencia, Spain, May 5-7.

Roussos A.I., Alexopoulos A.H. and Kiparissides C., 2004, Prediction of the Particle Size Distribution in Continuous Flow Particulate Processes, ESCAPE-14: European Symposium on Computer Aided Process Engineering, Lisbon, Portugal, May 16-19.

Sarigiannis Y.M., Stavropoulos G.P., Liakopoulou-Kyriakides M. and Makris P.E., 2004, RGD peptides containing salicylic acid derivatives with antiplatelet activity in vitro, J. of Peptide Science, Supl v10, P41.

Sarigiannis Y.M., Stavropoulos G.P., Liakopoulou-Kyriakides M. and Makris P.E., 2004, Small linear and cyclic RGD peptides containing salicylic acid derivatives and their antiplatelet activity in vitro, J. of Peptide Science, Supl v10, P216.

Sikalidis C., Mitrouli S., Panagiotou C., Effect of Zircon and Zinc Based Frits Additions on Microstructure and Properties of Hydroxyapatite-Based Biomaterials, 7th International Conference on Glass Science and Technology, ESG, Athens, 25-28.04.2004.

Skodras G., Palladas A. and Sakellaropoulos G.P., 2004, Effect of Urea on PCDD/F Formation During Combustion of Coal and Olive Kernel in a Pilot Scale Boiler, 24th International Symposium on Halogenated Environmental Organic Pollutants and POPs, DIOXIN 2004, Proceedings, Berlin, Germany.

Stoforos N.G., 2004, Determination of a quality equivalent point for mass average quality evaluation in canned foods, Proceedings of the 9th International Congress on Engineering and Food –ICEF 9–,368-373.

Stoforos, N.G., 2004. Determination of a quality equivalent point for mass average quality evaluation in canned foods. In Proceedings of the 9th

International Congress on Engineering and Food –ICEF 9–, p. 368-373, (διαθέσιμο σε ηλεκτρονική μορφή).

Tsiridis V., Petala M., Samaras P. and Sakellaropoulos G.P., 2004, An integrated approach for the assessment of toxic properties of fly ash, Waste Management 2004, ed. by Wessex Institute of Technology, Rhodes Island, Greece.

Zabaniotou A., 2004. Disposal of waste tyres for active carbon production and safe environment. Presented at the International conference for the Protection and Restoration of the Environment VII (2004), Mykonos Island, Greece, June 28 - July 1.

Zabaniotou A., Oudenne P.D, C.G Jung, A. Fontana, 2004. Activated carbon from used tires using industrial pyrolyser and pilot activation furnace.” Presented at 11th European Tires Recycling Conference (ETRA 2004). Brussels, Belgium. 23-27 March.

Zabaniotou A., Stavropoulos G., 2004. Production of activated carbon by exploitation of agricultural wastes (olive kernels). Presented at the 2nd World International Conference and Technology Exhibition on Biomass for Energy, Industry and Climate Protection (2005). Roma, 10-14 May

Μαρράς Σ.Ι, Ζουμπουρτικούδης Ι., Καρατάσος Κ., Σικαλίδης Κ. και Παναγιώτου Κ., Ανάπτυξη Νέων Νανοσυνθέτων Βιοαποικοδομήσιμων και Βιοσυμβατών Πολυμερικών Υλικών με Ορυκτά της Αργίλλου, XX Πανελλήνιο Συνέδριο Φυσικής Στερεάς Κατάστασης – Επιστήμης Υλικών, Τμήμα Φυσικής και Τμήμα Επιστήμης και Τεχνολογίας Υλικών Πανεπιστήμιο Ιωαννίνων, Ιωάννινα, 26-29.09.2004.

Νταγκουνάκη Κ., Κασώλη-Φουρναράκη Α., Τσιραμπίδης Α., Σικαλίδης Κ., Ανθρακικοί σχηματισμοί της ευρύτερης περιοχής της Κοζάνης (ΒΔ Μακεδονία, Ελλάδα) και δυνατότητα αξιοποίησής τους στην υαλουργία, στην απομάκρυνση όξινων αερίων και στη μεταλλουργία, 10th EGE, International Congress Geology, Development, Culture, Geological Society of Greece, Thessaloniki, 15-17.04.2004.

Σικαλίδης Κ., Καραγιαννίδης Ν., Χρησιμοποίηση Ορυκτών Πρώτων Υλών (Βιομηχανικών παραπροϊόντων) και μιγμάτων τους ως Εδαφοβελτιωτικών, 10th EGE, International Congress Geology, Development, Culture, Geological Society of Greece, Thessaloniki, 15-17.04.2004.

2005

Kiparissides C., 2005, Recent developments in targeted drug delivery systems, 8th International Conference Emerging Technologies in Drug and Gene-based Therapeutics, Crete island, Greece, September 3-10.

Alexopoulos A.H. and Kiparissides C., 2005, On the Numerical Solution of Bi-Variate Population Balance Equations under the Combined Action of Nucleation, Growth and Aggregation Mechanisms, 2005 Annual AIChE Meeting, Cincinnati, OH, 30 Oct. – 4 Nov.

Alexopoulos A.H. and Kiparissides C., 2005, Solution of the Bi-Variate Dynamic Population Balance Equation in Batch Particulate Systems, ESCAPE 15, Barcelona, Spain, May 29- June 1.

Altintzi I., Chrissopoulou K., Anastasiadis S.H., Pitsikalis M., Hadjichristidis N., Theophilou N., and Giannelis E.P. (invited), 2005, Controlling the miscibility of polyolefin / layered silicates nanocomposites by altering the polymer / surface interactions, Polym. Mater. Sci. Eng., Amer. Chem. Soc., 92, 252.

Assael M.J., and Kakosimos K., 2005, Finite Element Simulation of Toxic Gas Dispersion in Urban Terrain: Preliminary Results”, Proceedings of Air Pollution 2005. 13th International Conference on Modeling, Monitoring & Management of Air Pollution, Cordoba, Spain, 16 - 18 May, p.370-387.

Assael M.J., and Kakosimos K., 2005, Finite Element Simulation of Toxic Gas Dispersion in Urban Terrain”, Proceedings of 5th Panhellenic Scientific. Chemical Engineering Conference, Thessaloniki, p.109-112.

Assael M.J., Botsios S., Chamizidis E., Gialou E., Gkontosidou E., Kakosimos K., 2005, On the Optimisation of the Design of Hollow Bricks, Proceedings of 5th Panhellenic Scientific. Chemical Engineering Conference, Thessaloniki, p.593-596.

Assael M.J., Gialou K., Kakosimos K., and Metaxa I.N., “Thermal conductivity of nanofluids - Theoretical review and simulation”, Proc. 17th ECTP, Bratislava (2005).

Assael M.J., Metaxa I.N., and Antoniadis K.D., 2005, Accurate Measurements of the Viscosity and Thermal Conductivity over a Wide Range of Conditions, Proceedings Metrologia 2005, Athens, 11-12 November.

Assimopoulou A.N., Karapanagiotis I., Papageorgiou V.P., 2005, Determination of naturally occurring isohexenylnaphthazarins by HPLC-MS, 29th International Symposium on High Performance Liquid Phase Separations and Related Techniques, (HPLC 2005 Conference), Sweden, June 26-30, 399.

Chatzidoukas Ch., Kiparissides C., Srinivasan B. and Bonvin D., 2005, Optimisation of Grade Transitions in an Industrial Gas-Phase Olefin Polymerization Fluidized Bed Reactor Via NCO Tracking, 16th IFAC World Congress, Prague, July 3-8.

Chrissopoulou K., Anastasiadis S.H., Giannelis E. P., and Frick B. (invited), 2005, Dynamics under severe confinement in intercalated polymer / layered silicates nanocomposites, Polym. Mater. Sci. Eng., Amer. Chem. Soc., 92, 233.

Dompazis G., Kanellopoulos V. and Kiparissides C., 2005, Assessment of Particle Agglomeration in Catalytic Olefin Polymerization Reactors, 3rd European Conference on the Reaction Engineering of Polyolefins, Lyon, France, June 20-24.

- Dompazis G., Kanellopoulos V. and Kiparissides C., 2005, Effect of Single Particle Growth on the Dynamic Evolution of Particle Size Distribution in Gas Phase Olefin Polymerization Fluidized Bed Reactors, 7th World Congress of Chemical Engineering, Glasgow, Scotland, July 10-14.
- Dompazis G., Kanellopoulos V., Chatzidoukas Ch. and Kiparissides C., 2005, On the Production of Polyolefins with Bimodal Molecular Weight and Copolymer Composition Distributions, 3rd European Conference on the Reaction Engineering of Polyolefins, Lyon, France, June 20-24.
- Dompazis G., Roussos A., Kanellopoulos V. and Kiparissides C., 2005, Dynamic Evolution of the Particle Size Distribution in Multistage Olefin Polymerization Reactors, ESCAPE 15, Barcelona, Spain, May 29- June 1.
- Dritsas G.S., Tsvintzelis I., C. Panayiotou, 2005, Study of Retrograde Vitrification for Polymers with Inverse Supercritical Chromatography, Proceedings of the 7th Mediterranean Conference on Calorimetry and Thermal Analysis (MEDICTA 2005), Ed. M. Lalia-Kantouri, Thessaloniki, 123-128.
- Dritsas G.S., Tsvintzelis I., Panayiotou C., 2005, Study of Retrograde Vitrification for Polymers with Inverse Supercritical Chromatography, Proceedings of the 7th Mediterranean Conference on Calorimetry and Thermal Analysis (MEDICTA 2005), Ed. M. Lalia-Kantouri, Thessaloniki, 123-128.
- Emmanuel Stefanis and Costas Panayiotou, 2005, Study of Accelerated Thermal Ageing of Cellulosic and Lignin-containing Paper Samples, Proceedings of the 7th Mediterranean Conference on Calorimetry and Thermal Analysis (MEDICTA 2005), Ed. M. Lalia-Kantouri, Thessaloniki, 194-199.
- Gudulas T.G., Kastrinakis E.G., Nychas S.G., 2005, A rheological approach of the high concentrated Lignite-water suspensions as upgraded fuels, International Symposium: Moving towards zero emission plants, 13-13.
- Kalogiannis C.G., Pavlidou E., Panayiotou C.G., 2005, Phase Separation and Micronisation Study of the Ternary System Poly(L-lactic acid) + Carbon Dioxide + Dichloromethane, Medicta 2005, 7th Mediterranean Conference on Calorimetry and Thermal Analysis, Thessaloniki, 98-102.
- Kalogiannis, C. G., Pavlidou, E., Panayiotou C. G., 2005, Phase Separation and Micronisation Study of the Ternary System Poly(L-lactic acid) + Carbon Dioxide + Dichloromethane, Medicta 2005, 7th Mediterranean Conference on Calorimetry and Thermal Analysis, Thessaloniki, 98-102.
- Kammona O., Dini E. and Kiparissides C., 2005, Hybrid Polymeric/Ceramic Membranes for Water Purification, 2005 Annual AIChE Meeting, Cincinnati, OH, 30 Oct. – 4 Nov.

Kammona O., Dini E., Kotti A. and Kiparissides C., 2005, Synthesis of Polymeric Nanoparticles for Environmental Applications, 7th World Congress of Chemical Engineering, Glasgow, Scotland, July 10-14.

Kammona O., Dini E., Kotti K. and Kiparissides C., 2005, Synthesis of Polymeric Nanoparticles for Environmental Applications, Chemical Nanotechnology Talks, DECHEMA House, Frankfurt am Main, September 29 – 30.

Kanaris A.G., Mouza A.A., Paras S.V., 2005, Numerical and experimental investigation of flow and heat transfer in narrow channels with corrugated walls, 4th International Conference on Heat Transfer, Fluid Mechanics & Thermodynamics, Cairo, Egypt.

Kanaris A.G., Mouza A.A., Paras S.V., 2005, Numerical and experimental investigation of flow and heat transfer in narrow channels with corrugated walls, 4th International Conference on Heat Transfer, Fluid Mechanics & Thermodynamics, Cairo, Egypt.

Kanellopoulos V., Mouratides D. and Kiparissides C., 2005, Thermodynamics of the Adsorption of α -Olefins/Polyolefins Mixtures: Evaluation of the Polymer/Solvent Interactions, 7th World Congress of Chemical Engineering, Glasgow, Scotland, July 10-14.

Kanellopoulos V., Mouratides D., Tsiliopoulou E., Pladis P. and Kiparissides C., 2005, A Comprehensive Theoretical and Experimental Investigation on the Co-solubilities and Diffusivities of α -olefins in Semi-crystalline Polyolefins, 3rd European Conference on the Reaction Engineering of Polyolefins, Lyon, France, June 20-24.

Karagiannakis G., Kokkofitis C., Zisekas S. and Stoukides M., 2005, Effect of H₂O Presence on Propane Decomposition over Pd in a Proton Conducting Membrane-Reactor, Proceedings of the 2nd Panhellenic Symposium on Hydrogen Technology, Themi, Thessaloniki, October 20-21.

Kazakis N.A., Mouza A.A., Paras S.V., 2005, Study of coalescence and breakage in bubble columns with fine pore spargers, 43rd European Two-Phase Flow Group Meeting, Prague, Czech Republic.

Kazakis N.A., Mouza A.A., Paras S.V., 2005, Study of coalescence and breakage in bubble columns with fine pore spargers, 43rd European Two-Phase Flow Group Meeting, Prague, Czech Republic.

Kechagiopoulos P.N., Voutetakis S.S., Iordanidis A.A., Lemonidou A.A., Vasalos I.A., 2005, Steam reforming of the water-soluble phase of a bio-oil in a fixed bed reactor, e- proceedings World Chemical Engineering Congress, Glasgow, UK.

Kiparissides C., 2005, Recent Advances in Drug Delivery Systems, 8th International Symposium on Polymers for Advanced Technologies, Budapest, Hungary, September.

Kiparissides C., 2005, Recent Advances in Novel Drug Delivery Systems, EuroNanoForum 2005: Nanotechnology and the Health of the EU Citizen in 2020, Edinburgh, September.

Kiparissides C., 2005, Recent Developments in Targeted Drug Delivery Systems, Life Matters Conversations in Bionanotechnology, Chalmers University of Technology, Göteborg, Sweden, October 25-27.

Kladi K.P., Marras S. I., Tsivintzelis I., C. Panayiotou, November 2005, Fibrous Scaffolds by Electrospinning of Poly(ϵ -caprolactone)/Layered Silicate Nanocomposites, Proceedings of the 3rd International Symposium on Nanomanufacturing (ISNM 2005, CD-Rom edition.), Limassol - Cyprus, 3-5, CD Edition.

Kladi K.P., Marras S.I., Tsivintzelis I., Panayiotou C., 2005, Fibrous Scaffolds by Electrospinning of Poly(ϵ -caprolactone)/Layered Silicate Nanocomposites, Proceedings of the 3rd International Symposium on Nanomanufacturing (ISNM 2005, CD-Rom edition.), November, Limassol - Cyprus, 3-5, CD Edition.

Kotoulas C., Bousquet J. and Kiparissides C., 2005, Particle Size Distribution in Suspension Polymerization Reactors: The Effect of Surface Active Agents, 7th World Congress of Chemical Engineering, Glasgow, Scotland, July 10-14.

Kotti A., Kotrotsiou O., Dini E., Kammona O. and Kiparissides C., 2005, Polymeric Nano- and Microparticles for Selective Recognition and Drug Delivery, 15th International Symposium on Microencapsulation, Parma, Italy, September 18-21.

Kotti K., Kotrotsiou O., Dini E., Kammona O. and Kiparissides C., 2005, Nanostructured Polymeric Materials for Biomedical Applications, 2005 Annual AIChE Meeting, Cincinnati, OH, 30 Oct. – 4 Nov.

Lioumbas J.S., Mouza A.A., Paras S.V., Karabelas A.J., 2005, Liquid layer characteristics in stratified gas-liquid downflow: A study of transition to wavy flow, 4th International Conference on Heat Transfer, Fluid Mechanics & Thermodynamics, Cairo, Egypt.

Lioumbas J.S., Mouza A.A., Paras S.V., Karabelas A.J., 2005, Liquid layer characteristics in stratified gas-liquid downflow: A study of transition to wavy flow, 4th International Conference on Heat Transfer, Fluid Mechanics & Thermodynamics, Cairo, Egypt.

Lioumbas J.S., Paras S.V., 2005, Effect of surfactant additives on liquid flow-field interaction with the interfacial structure in co-current stratified gas-liquid downflow, 3rd Intern. Workshop on Transport Phenomena with Moving Boundaries, Berlin, Germany.

Missopolinou D., Tsivintzelis I., C. Panayiotou, 2005, Thermodynamic Properties of the Binary Mixtures of 2-Ethoxyethanol with Hydrocarbons and Carbon Dioxide”, Proceedings of the 7th Medeterranean Conference on Calorimetry and Thermal Analysis (MEDICTA 2005), Ed. M. Lalia-Kantouri, Thessaloniki, 247-252.

Missopolinou D., Tsivintzelis I., Panayiotou C., 2005, Thermodynamic Properties of the Binary Mixtures of 2-Ethoxyethanol with Hydrocarbons and Carbon Dioxide”, Proceedings of the 7th Medeterranean Conference on Calorimetry and Thermal Analysis (MEDICTA 2005), Ed. M. Lalia-Kantouri, Thessaloniki, 247-252.

Mouza A.A., Pantzali M.N., Paras S.V., Tihon J., 2005, Numerical and experimental study of backward-facing step flow, 5ο Πανελ. Επιστημ. Συνέδριο Χημ. Μηχανικής, Θεσσαλονίκη.

Mouza A.A., Pantzali M.N., Paras S.V., Tihon J., 2005, Numerical and experimental study of backward-facing step flow, 5ο Πανελ. Επιστημ. Συνέδριο Χημ. Μηχανικής, Θεσσαλονίκη.

Pahiadaki T., Tzotzi Ch., Andritsos N., Yiantsios S. G., and Karabelas A. J., 2005 An experimental study of CaCO₃ scaling of RO and NF membranes, Proceedings of the IDA World Congress on Desalination and Water Reuse, Singapore.

Papadimitriou Ch., Dabou X., Samaras P., Sakellaropoulos G.P., 2005, Coke oven wastewater treatment by two activated sludge systems, (oral presentation) 9th International Conference of Environmental Science and Technology, Rhodes, September, 181.

Papadimitriou Ch., Palaska G., Samaras P., Lazaridou M., Sakellaropoulos G.P., 2005, Applicability of Sludge Biotic Index (SBI) for performance monitoring of municipal and industrial wastewater treatment plants, (poster presentation) 9th International Conference of Environmental Science and Technology, Rhodes, September, 383.

Papadimitriou Ch., Samaras P., Sakellaropoulos G.P., 2005, Toxicity reduction of certain industrial effluents by activated sludge, 12th International Symposium on Toxicity Assessments (ISTA 12), ed. by A. Kungolos, Skiathos island, Greece, 140.

Petala M., Tsiridis V., Kyriazis S., Samaras P., Kungolos A., Sakellaropoulos G.P., 2005, Evaluation of toxic response of heavy metals and organic pollutants using the Microtox acute toxicity test, 9th International conference on Environmental Science and Technology, Rhodes island.

Petala M.D., Samaras P., Zouboulis A., Kungolos S. and Sakellaropoulos G.P., 2005, The effect of advance treatment on the on the toxicity of municipal secondary effluents, 12th International Symposium on Toxicity Assessments (ISTA 12), ed. by A. Kungolos, Skiathos island, Greece, 137.

Pladis P., Alexopoulos A.H., Bousquet J. and Kiparissides C., 2005, Modelling of Vinylidene Fluoride Emulsion Polymerization, ESCAPE 15, Barcelona, Spain, May 29- June 1.

Santos F.J.V., Nieto de Castro C.A., Dymond J.H., Dalaouti N.K., Assael M.J., and Nagashima A., 2005, Reference Data for the Viscosity of Liquid Toluene in wide Ranges of Temperature – IATP Project Final Report, Proceedings of 17th European Conference on Thermophysical Properties, Bratislava.

Sarigiannis Y., Stavropoulos G., Liakopoulou-Kyriakides M., Pithara E., Ioannidis G., Girtovitis F., Spartali A. and Makris P.E., 2005, Linear and Cyclic RGD Peptides Containing Salicylic Acid Derivatives and their α Antiplatelet Activity in vitro, J. of Thrombosis and Haemostasis, vol 3, Suppl.1, P0384.

Sikalidis C. and Mitrakas M., EAFD as raw material for powder pressed ceramics, Proceedings of the 9th International Conference on Environmental Science and Technology, University of Aegean, Global NEST, 210, A 1348, Rhodes Island, 1-3.09.2005.

Sikalidis C., Electric arc furnace dust as raw material for the production of ceramic and concrete products, Proceedings of the 3d International Conference on Ecological Protection of the planet earth, Istanbul Univ., Technical Univ. of Sofia, Democritus Univ. of Thrace, p. 74, IEN-O-10, Istanbul, 8-11.06.2005.

Sikalidis C., Zorba T., Chrissafis K., Paraskevopoulos K.M., Phase changes during thermal treatment of iron solid wastes from steel mill pickling lines, Proceedings of 7th Mediterranean Conference on Calorimetry and Thermal Analysis, p. 441, Societies for Thermal Analysis of Greece, Portugal, Italy, Israel, Spain, Ed. M. Lalia-Kantouri, Thessaloniki, 2-9.07.2005.

Sikalidis M. and Mitrakas M., Electric Arc Furnace Dust as Raw Material for Powder Pressed Ceramics, A-1348, 9th International Conference Environmental Science and Technology, Rhodes island, Greece, 1-3.09.2005.

Skodras G., Diamantopoulou I. and Sakellaropoulos G.P., 2005, Role of activated carbon structural properties and surface chemistry in mercury adsorption, 9th International Conference on Environmental Science and Technology, Rhodes island.

Skodras G., Grammelis P., Basinas P., Kakaras E., Sakellaropoulos G.P., 2005. Main characteristics of biomass and waste during the devolatilisation and combustion process, 18th International Conference on Efficiency, Cost, Optimization, Simulation and Environmental Impact. Trondheim, Norway.

Skodras G., Natas P., Basinas P. and Sakellaropoulos G.P., 2005, Effects of Pyrolysis Temperature, Residence Time on the Reactivity of Clean Coals Produced from Poor Quality Coals, 9th Conference on Environmental Science and Technology-2005, Rhodes Island.

Soupilas A., Papadimitriou Ch., Papastergiou D., Samaras P., Sakellaropoulos G.P, 2005, Monitoring of Industrial Effluent Ecotoxicity in the Greater Area of Thessaloniki, 12th International Symposium on Toxicity Assessments (ISTA 12), ed. by A. Kungolos, Skiathos island, Greece, 135.

Spaneli V., Sfyrla A., Petala M., Samaras P., Moustaka-Goumi M., Zouboulis A. and Sakellaropoulos G.P., 2005, Phytoplankton in surface water and relevant toxicity problems: removal potential by ozonation, 12th International Symposium on Toxicity Assessments (ISTA 12), ed. by A. Kungolos, Skiathos island, Greece.

Stefanis Emmanuel and Panayiotou Costas, 2005, Study of Accelerated Thermal Ageing of Cellulosic and Lignin-containing Paper Samples, Proceedings of the 7th Mediterranean Conference on Calorimetry and Thermal Analysis (MEDICTA 2005), Ed. M. Lalia-Kantouri, Thessaloniki, 194-199.

Tserki Varvara, Filippou Ioannis, Costas Panayiotou, 3-5 November 2005, Preparation and Characterization of Electrospun Poly(butylene succinate-co-butylene adipate) Nanofibrous Nonwoven Mats, ISNM2005, Limasol Cyprus, CD Edition.

Tsiridis V., Samaras P., Kungolos A. and Sakellaropoulos G.P., 2005, Application of leaching tests for the toxicity evaluation of coal fly ash,. 12th International Symposium on Toxicity Assessments (ISTA 12), ed. by A. Kungolos, Skiathos island, Greece, p. 89.

Tsvintzelis I., Marras S.I., Zuburtikudis I., Pavlidou E., Panayiotou C., 2005, Morphology and Thermal Characteristics of Poly(L-Lactic Acid)/Layered Silicate Nanocomposite Scaffolds for Tissue Engineering', Proceedings of the 7th Medeterranean Conference on Calorimetry and Thermal Analysis (MEDICTA 2005), Ed. M., Lalia-Kantouri, Thessaloniki, 103-108.

Tsvintzelis I., S.I. Marras, I. Zuburtikudis, E. Pavlidou, C. Panayiotou, 2005, Morphology and Thermal Characteristics of Poly(L-Lactic Acid)/Layered Silicate Nanocomposite Scaffolds for Tissue Engineering', Proceedings of the 7th Medeterranean Conference on Calorimetry and Thermal Analysis (MEDICTA 2005), Ed. M., Lalia-Kantouri, Thessaloniki, 103-108.

Varvara Tserki, Ioannis Filippou, Costas Panayiotou, 2005, Preparation and Characterization of Electrospun Poly(butylene succinate-co-butylene adipate) Nanofibrous Nonwoven Mats, ISNM2005, 3-5 November, Limasol Cyprus, CD Edition.

Zabaniotou A., 2005. Activated carbon from waste tires. Presented at WasteEng Conference 2005. Albi, France, 17-19 May,

Zabaniotou A., Athanassiou C., E. Antonakou, A. Lappas, 2005. Realizing biomass' full potential: Hydrogen and electrical energy in fuel cells , 14th European Biomass Conference and Exhibition Biomass for Energy, Industry and Climate Protection, Palais des Congrès, Paris, France October 17-21.

Zabaniotou A., Athanassiou C., E. Antonakou, A. Lappas, 2005. The Conjunction of Biomass Thermochemical Conversion with Solid Oxide Fuel Cells – a Review of the Involved Processes. International Hydrogen Energy Congress and Exhibition (IHEC 2005), Istanbul, Turkey, 13-15 July.

Zabaniotou A., Jung C.G, J. Fader., 2005. Valuable products from tires pyrolysis. Presented at 12th European Tires Recycling Conference (ETRA 2005). Brussels, Belgium. 2-5 March.

Zabaniotou A., Koufodimos G., Z. Sâmaras, 2005. Investigation study for technological application of alternatives methods for the energetic exploitation of biomass/agricultural wastes in Northern Greece. Presented at 3rd Dubrovnic Conference on Sustainable Development of Energy, Water and Environment Systems 2005. Dubrovnik, Croatia, 5-10 June.

Zabaniotou A., Philippopoulos N., D. Kamidis, G. Koufodimos, 2005. Animal waste energy utilization” Presented at 13th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region (MESAEP), 8-12 October, Thessaloniki, Greece

Zabaniotou A., Skoulou V., 2005. Potential application of wastes (agricultural and animal) for energy and material recovery with environmental safety. Presented at 13th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region (MESAEP05), 8-12 October, Thessaloniki, Greece

Zabaniotou A., Theofilou C., 2005. Use of sewage sludge as a conventional fuel substitute in cement factories. Presented at 9th International Conference on Environmental Science & Technology 2005. Rhodos Island, Greece, 1-3 September.

Zabaniotou A. , Athanasiou C., F. Koutelieris, Vakouftsi E., Skoulou V., E. Antonakou, G. Marnellos, 2005. Optimization and energy balance of the biomass gasification and solid oxide fuel cell integrated process”. Presented at the 2nd International Exergy, Energy and Environment Symposium (IEEES2 2005), Kos Island ,Greece, 3 - 7 July.

Αντωνιάδης Κ.Δ., Δανδίκας Δ.Κ., Μουζά Α.Α., 2005, Ενσωμάτωση νέων συσκευών σε προσομοιωτές διεργασιών, 5ο Πανελλήνιο Επιστημ. Συνέδριο Χημ. Μηχανικής, Θεσσαλονίκη.

Ασημοπούλου Α.Ν., Σικαλίδης Κ., Κοντογιαννόπουλος Κ.Ν., Κηπουρίδου Κ., Παπαγεωργίου Β.Π., 2005, Εγκλεισμός της φαρμακευτικής ουσίας σικονίνης σε κλινοπιπλόλιθο, 5ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Θεσσαλονίκη, 26-28 Μαΐου, 169-172.

Ασημοπούλου Α.Ν., Σικαλίδης Κ., Μπαρμπαλέξης Π., Μαυρίδης Γ., Παπαγεωργίου Β.Π., 2005, Εγκλεισμός της φαρμακευτικής ουσίας σικονίνης σε πορώδη υδροξυαπατίτη, 5ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Θεσσαλονίκη, 26-28 Μαΐου, 185-188.

- Ζαμπανιώτου Α., Αθανασίου Κ., Ε Αντωνάκου, Α. Ιορδανίδης, Α. Λάππας., 2005. Θερμοχημική Μετατροπή της βιομάζας για παραγωγή Η₂ και Ηλεκτρικής Ενέργειας σε Κυψέλες Καυσίμου». Παρουσίαση στο 1ο Πανελλήνιο Συνέδριο Εναλλακτικών καυσίμων. Αθήνα 27-28 Ιανουαρίου. Πολυτεχνειούπολη Ζωγράφου.
- Ζαμπανιώτου Α., Βακουφτσή Ε., Β. Σκουλού, Φ.Κουτελιέρης, Κ. Αθανασίου, Γ. Μαρνέλλος, 2005. Βελτιστοποίηση συνδυασμένης διεργασίας αεριοποίησης βιομάζας και παραγωγή ηλεκτρικής ενέργειας σε κυψέλη καυσίμου. Παρουσίαση στο 2ο Εθνικό Συνέδριο Τεχνολογιών Υδρογόνου, ΕΚΕΤΑ, Θέρμη, Θεσσαλονίκη, 20-21 Οκτωβρίου
- Ζαμπανιώτου Α., Καράμπελας Α., 2005. Διερεύνηση παραγωγής βιοκαυσίμων από ελληνική βιομάζα. Παρουσίαση στο 1ο Πανελλήνιο Συνέδριο Εναλλακτικών Καυσίμων. Αθήνα 27-28 Ιανουαρίου Πολυτεχνειούπολη Ζωγράφου.
- Ζαμπανιώτου Α., Φ. Κουτελιέρη, Κ. Αθανασίου, Γ. Μαρνέλλος, 2005. Βελτιστοποίηση Ολοκληρωμένης Διεργασίας Αεριοποίησης Βιομάζας και Παραγωγής Ηλεκτρικής Ενέργειας σε Κυψέλη Καυσίμου. Παρουσίαση στο 5ο Πανελλήνιο Συνέδριο Χημικής Μηχανικής, Θεσσαλονίκη, 26-28 Μάιου.
- Ζαμπανιώτου Α., Φιλιππίδης Ν., Ζ. Σαμαράς, 2005. Δυνατότητες παραγωγής ενέργειας από βιομάζα. Διερεύνηση στην Κεντρική Μακεδονία – Τεχνολογική εφαρμογή. Παρουσίαση στο 1ο Πανελλήνιο Συνέδριο Εναλλακτικών καυσίμων. Αθήνα 27-28 Ιανουαρίου. Πολυτεχνειούπολη Ζωγράφου.
- Καρακίτσιου Μ., Σαρασίδης Β., Μήτρακας Μ. και Σικαλίδης Κ., Απομάκρυνση Μαγγανίου από το Νερό με Καταλυτική Διήθηση διαμέσου του Υλικού BIRM, 5ο Πανελλήνιο Συνέδριο Χημικής Μηχανικής, 237-240, Θεσσαλονίκη, 26-28.05.2005.
- Μήτρακας Μ., Καρκαντελίδου Φ. και Μπερεκετίδου Ο., Άρση των Παρεμβολών των Ενώσεων Χλωρίου στο Φωτομετρικό Προσδιορισμό των Βρωμικών με Φαινοδιαζίνες, 5ο Πανελλήνιο Συνέδριο Χημικής Μηχανικής, 229-232, Θεσσαλονίκη, 26-28.05.2005.
- Μήτρακας Μ., Μπουγιουκλής Γ., Βελτιστοποίηση Απομάκρυνσης Αρσενικού από το Νερό κατά τη Συγκαταβύθιση με Κροκιδωτικά Σιδήρου και Αργιλίου, 5ο Διεθνές Συνέδριο για την Τεχνολογία Περιβάλλοντος HELECO '05, Αθήνα 3-6.02.2005.
- Μήτρακας Μ., Οξοπισμός ως Κρίσιμο Σημείο στην Εμφιάλωση Νερού, Πλεονεκτήματα και Μειονεκτήματα, Διημερίδα ΤΕΕ για τη «Διαχείριση Ασφάλειας στη Αλυσίδα Τροφίμων – Εφαρμογή HACCP, Αθήνα, 7-8.07.2005.
- Μπουρλίβα Α., Μιχαηλίδης Κ., Σικαλίδης Κ., Τρώντσιος Γ., Απομάκρυνση τρισθενούς χρωμίου από υδατικά διαλύματα με χρήση βερμικουλίτη περιοχών Β. Ελλάδας, Πρακτικά 2ου Συνεδρίου Οικονομικής Γεωλογίας, Ορυκτολογίας και Γεωχημείας, Θεσσαλονίκη, 7-9.10.2005.

Οικονόμου Ν., Σικαλίδης Κ., Μαυρίδου Σ., Χρήση φθαρμένων ελαστικών αυτοκινήτων στην παραγωγή προϊόντων τσιμέντου, Πρακτικά 2ου Περιβαλλοντικού Συνεδρίου Μακεδονίας, ΕΕΧ, ΠΚΜ, ΑΠΘ, Θεσσαλονίκη, 8-12.10.2005.

Σαρασίδης Β., Καρακίτσιου Μ., Μήτρακας Μ. και Σικαλίδης Κ., Παράμετροι που επηρεάζουν την Απόδοση του ΒΙRΜ στην Απομάκρυνση Μαγγανίου από το Νερό, 2ο Περιβαλλοντικό Συνέδριο Μακεδονίας, Θεσσαλονίκη, 8-12.10.2005.

Σαρασίδης Β., Καρακίτσιου Μ., Μήτρακας Μ., Σικαλίδης Κ., Παράμετροι που επηρεάζουν την απόδοση του ΒΙRΜ στην απομάκρυνση μαγγανίου από το νερό, Πρακτικά 2ου Περιβαλλοντικού Συνεδρίου Μακεδονίας, σελ. 120, ΕΕΧ, ΠΚΜ, ΑΠΘ, Θεσσαλονίκη, 8-12.10.2005.

Σικαλίδης Κ., Ασημοπούλου Α.Ν., Καρναπάτη Α., Παπαγεωργίου Β.Π., 2005, Παρασκευή συστημάτων εγκλεισμού και τοπικής αποδέσμευσης σικονίνης με βάση τον πορώδη υδροξυαπατίτη- Συμπεριφορά τους έναντι της ρόφησης και αποδέσμευσης σικονίνης, 5ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Θεσσαλονίκη, 26-28 Μαΐου, 165-168.

Τσιβιντζέλης Γ., Μαρράς Σ.Ι., Αγγελοπούλου Α.Γ., Παυλίδου Ε., Παναγιώτου Κ., 2005, Παραγωγή νανοσύνθετων πορωδών υλικών με υπερκρίσιμο διοξείδιο του άνθρακα, 5ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Θεσσαλονίκη, 405-408.

Τσιβιντζέλης, Σ.Ι. Μαρράς, Α.Γ. Αγγελοπούλου, Ε. Παυλίδου, Κ. Παναγιώτου, 2005, Παραγωγή νανοσύνθετων πορωδών υλικών με υπερκρίσιμο διοξείδιο του άνθρακα, 5ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Θεσσαλονίκη, 405-408.

2006

Alexopoulos A. and Kiparissides C., 2006, Solution of the Bivariate Dynamic Population Balance Equation in Batch Particulate Systems: Combined Aggregation and Breakage, International Symposia on Chemical Reaction Engineering (ISCRE19), Potsdam/Berlin, Germany, September 3 – 6.

Alexopoulos A.H. and Kiparissides C., 2006, Dynamic Evolution of Multi-Variate Particle Size Distributions in Particulate Processes: A Population Balance Perspective, 2006 Annual AIChE Meeting, San Francisco, California, November 12-17.

Alexopoulos A.H. and Kiparissides C., 2006, Solution of the Bi-Variate Dynamic Population Balance Equation in Batch Particulate Systems, 4th Eastern Mediterranean Chemical Engineering Conference (EMMC4), Dead Sea, Israel, January 9-11.

Assael M.J., Delaki M., and Kakosimos K., 2006, Study of Atmospheric Pollution from Cars. Application to a Central Junction in Thessaloniki, Proceedings of Environmental Problems of Thessaloniki. The AUTH perspective, Thessaloniki, 5 June.

Baltsas A., Pladis P., Kiparissides C., 2006, A Comprehensive Investigation on High-Pressure LDPE Manufacturing: Dynamic Modelling of Compressor, Reactor and Separation Units, 16th European Symposium on Computer Aided Process Engineering, ESCAPE-16, Garmisch-Partenkirchen, Germany, July 9-13.

Costantinou L., Stefanis E., C. Panayiotou, V. Vassiliades, A. Afantitis, G. Melagraki, O. Igglessi-Markopoulou. 2006, Computer-Aided Molecular Design Using a Linear Group Contribution Method for the Prediction of Pure Component Properties: Application to Solvent Selection, Proceedings of the 22nd European Symposium on Applied Thermodynamics (ESAT 2006), Elsinore - Denmark, 316-320.

Costantinou L., Stefanis E., Panayiotou C., Vassiliades V., Afantitis A., Melagraki G., Igglessi-Markopoulou O., 2006, Computer-Aided Molecular Design Using a Linear Group Contribution Method for the Prediction of Pure Component Properties: Application to Solvent Selection, Proceedings of the 22nd European Symposium on Applied Thermodynamics (ESAT 2006), Elsinore - Denmark, 316-320.

Dimitriadis, V., Karayiannis, N., Mavrantzas, V.G., Chiotellis, E., Mouratides, D. and Kiparissides C., 2006, An Advanced Monte Carlo Method for the Fast Thermal Equilibration of Polyethylene Melts Bearing Short Chain Branches Frequently Spaced Along Their Backbone, 6th Hellenic Conference in Polymers, Patra, Nov 3-5.

Dompazis G., Kanellopoulos V. and Kiparissides C., 2006, Development of a Dynamic Multi-Compartment Model for the Prediction of Particle Size Distribution and Molecular Properties in a Catalytic Olefin Polymerization FBR, ADCHEM 2006, International Symposium on Advanced Control of Chemical Process, Gramado, Brazil, April 2-5.

Dompazis G., Kanellopoulos V., Kiparissides C., 2006, Development of a Multi-compartment Dynamic Model for the Prediction of Particle Size Distribution and Particle Segregation in a Catalytic Olefin Polymerization FBR, 16th European Symposium on Computer Aided Process Engineering, ESCAPE-16, Garmisch-Partenkirchen, Germany, July 9-13.

Dompazis G., Kanellopoulos V., Touloupides V. and Kiparissides C., 2006, Development of a Multi-scale, Multi-phase, Multi-zone Dynamic Model for the Prediction of Particle Segregation in Catalytic Olefin Polymerization FBRs, 2006 Annual AIChE Meeting, San Francisco, California, November 12-17.

Dompazis G., Kanellopoulos V., Touloupides V. and Kiparissides C., 2006, Development of a Multi-scale, Multi-phase, Multi-zone Dynamic Model for the Prediction of Polymer Distributed Properties in Catalytic Olefin Polymerization FBRs, 6th Hellenic Conference in Polymers, November 3-5.

Dortsiou M., Katsounaros I., Polatides C., Kyriacou G., Efficient electrocatalytic conversion of nitrate to nitrogen for brine wastes from ion exchange, 2nd International Conference AQUA 2006 • Water Science and

Technology – Integrated Management of Water Resources Athens, 23–26.11.2006.

Dortsiou M., Polatides C. and Kyriacou G., Electrochemical oxidation of ammonia on DSA anodes, 1st European Conference: Environmental Application of Advanced Oxidation Processes, Chania, 7–9.09.2006

Goudoulas B.T., Kastrinakis E.G., Nychas S.G., 2006, Flow Properties of Concentrated Lignite-Water Suspensions: Slope Transition on Consecutive Flow Curves, Proceedings of the 3rd Annual European Rheology Conference (AERC 2006), 151.

Goudoulas B.T., Kastrinakis E.G., Nychas S.G., Papazoglou, L., Kazakos, G., Kosmas, P., 2006, An Experimental Study of Synovial Fluid Rheology, Proceedings of the 3rd Annual European Rheology Conference (AERC 2006), 169.

Huber M.L., Friend D.G., Perkins R.A., Laesecke A., Assael M.J., Metaxa I.N., Vogel E., and Sengers J.V., 2006, Formulation for the Viscosity of Water, Proceedings of 16th Symposium on Thermophysical Properties, Boulder, Colorado, 1-5 August.

Kanaris A.G., Papakosta M., Mouza A.A., 2006, CFD simulation of a gas-liquid contactor, CHISA 2006, 17th International Congress of Chemical and Process Engineering, Prague, Czech Republic.

Katsounaros I., Giannaros G., Polatides C., Kyriacou G., Efficient electrochemical reduction of nitrate to nitrogen on tin and aluminum cathodes, 1st European Conference: Environmental Application of Advanced Oxidation Processes Chania, 7–9.09.2006.

Kazakis N.A., Mouza A.A., Paras S.V., 2006, Bubble size distribution at the entrance of bubble columns with pore sparger, CHISA 2006, 17th International Congress of Chemical and Process Engineering, Prague, Czech Republic.

Kazakis N.A., Mouza A.A., Paras S.V., 2006, Bubble size distribution at the entrance of bubble columns with pore sparger, CHISA 2006, 17th International Congress of Chemical and Process Engineering, Prague, Czech Republic.

Kazakis N.A., Papadopoulos J., Mouza A.A., 2006, Effect of liquid properties on holdup in bubble columns with fine pore sparger, CHISA 2006, 17th International Congress of Chemical and Process Engineering, Prague, Czech Republic.

Kiparissides C., Nanocarriers: An Overview, Biointerfaces-Quo Vadis?, Chalmers University of Technology, Goteborg, Sweden, August 24-25, 2006

Kotrotsiou O. and Kiparissides C., 2006, Molecularly Imprinted Polymeric Microparticles for Bio-Analytical Applications, 2006 Annual AIChE Meeting, San Francisco, California, November 12-17.

Kotrotsiou O. and Kiparissides C., 2006, Molecularly Imprinted Polymeric Microparticles for Bio-Analytical Applications, 6th Hellenic Conference in Polymers, November 3-5.

Kotrotsiou O., Chaitidou S., Kammona O. and Kiparissides C., 2006, Molecularly Imprinted Polymeric Nanoparticles for Selective Recognition and Separation, 4th Eastern Mediterranean Chemical Engineering Conference (EMMC4), Dead Sea, Israel, January 9-11.

Kotti K., Dini E., Kammona O. and Kiparissides C., 2006, Polymeric Nano- and Microparticles for Cosmetic and Anti-allergic Applications, 33rd Annual Meeting of Controlled Release Society, Vienna, Austria, July 22-26.

Kotti K., Kammona O. and Kiparissides C., 2006, Polymer-Silica Composite Nanoparticles for Electroplating Applications, 2006 Annual AIChE Meeting, San Francisco, California, November 12-17.

Kotti K., Kammona O. and Kiparissides C., 2006, Polymer-Silica Composite Nanoparticles for Electroplating Applications,, 6th Hellenic Conference in Polymers, November 3-5.

Koutsonikolas D., Topis S., Kaldis S., Skodras G. and Sakellaropoulos G.P., 2006, Ammonia decomposition in a catalytic membrane reactor: comparison of various membrane materials, 3rd Conference on Advanced Membrane Technology, Calabria-Italy.

Koutsonikolas D.E., Chaidou C.I., Tertsinidou G.I., Kaldis S.P. and Sakellaropoulos G.P., 2006, Gas Separation Properties of Zeolite Filled Polyimide Membranes, Advanced Membrane Technology III: Membrane engineering for process intensification, Cetraro, Italy.

Krallis A. and Kiparissides C., 2006, Calculation of the Molecular Weight Long Chain Branching Distribution in Branched Polymers, ADCHEM 2006, International Symposium on Advanced Control of Chemical Process, Gramado, Brazil, April 2-5.

Krallis A., Chatzidoukas C., Meimaroglou D., Saliakas V., Kiparissides C., 2006, Dynamic Optimization of Molecular Weight Distribution Using Orthogonal Collocation on Finite Elements and Fixed Pivot Methods: An Experimental and Theoretical Investigation, 16th European Symposium on Computer Aided Process Engineering, ESCAPE-16, Garmisch-Partenkirchen, Germany, July 9-13.

Krallis A., Kiparissides C., 2006, Mathematical Modeling of the Bivariate Molecular Weight Long Chain Branching Distribution of Highly Branched Polymers. A Population Balance Approach, International Symposia on Chemical Reaction Engineering (ISCRE19), Potsdam/Berlin, Germany, September 3 – 6.

Krallis A., Meimaroglou D., Saliakas V., Chatzidoukas C. and Kiparissides C., 2006, Dynamic Optimization of Molecular Weight Distribution in Batch

Polymerization Reactors, ADCHEM 2006, International Symposium on Advanced Control of Chemical Process, Gramado, Brazil, April 2-5.

Krallis A., Meimaroglou D., Saliakas V., Chatzidoukas C. and Kiparissides C., 2006, Time Optimal Control of Molecular Weight Distribution Using Orthogonal Collocation on Finite Elements and Fixed Pivot Methods, 2006 Annual AIChE Meeting, San Francisco, California, November 12-17.

Krallis A., Pladis P. and Kiparissides C., 2006, Mathematical Modeling of the Bivariate Molecular Weight – Long Chain Branching Distribution of Highly Branched Polymers, 6th Hellenic Conference in Polymers, November 3-5.

Lioumbas J.S., Chatzidafni A., Paras S.V., 2006, Liquid layer characteristics in gas-liquid upflow in slightly inclined pipes: Effect of surfactant additives, CHISA 2006, 17th International Congress of Chemical and Process Engineering, Prague, Czech Republic.

Lioumbas J.S., Paras S.V., 2006, Effect of liquid properties on co-current stratified gas-liquid downflow, CHISA 2006, 17th International Congress of Chemical and Process Engineering, Prague, Czech Republic.

Manoudis P., Karapanagiotis I., A. Tsakalof, I. Zuburtikudis and C. Panayiotou, September 4-8 2006, Super-hydrophobic surfaces for the protection of stone monuments, European Conference on Surface Science, Paris, LIQ-Th-P-583.

Manoudis P., Karapanagiotis I., Tsakalof A., Zuburtikudis I. and Panayiotou C., September 4-8 2006, Super-hydrophobic surfaces for the protection of stone monuments, European Conference on Surface Science, Paris, LIQ-Th-P-583.

Meimaroglou D., Kiparissides C., 2006, Dynamic Monte Carlo simulation of batch free-radical polymerization reactions for the production of linear and branched polymers, International Symposia on Chemical Reaction Engineering (ISCRE19), Potsdam/Berlin, Germany, September 3 – 6.

Meimaroglou D., Kiparissides C., 2006, Monte Carlo solution of the bi-variate dynamic population balance equation in batch particulate systems, International Symposia on Chemical Reaction Engineering (ISCRE19), Potsdam/Berlin, Germany, September 3 – 6.

Meimaroglou D., Krallis A. and Kiparissides C., 2006, Dynamic Modeling and Optimization of the Bivariate Molecular Weight - Long Chain Branching Distributions in Highly Branched Polymerization Systems Using Monte Carlo and Sectional Grid Methods, 2006 Annual AIChE Meeting, San Francisco, California, November 12-17.

Meimaroglou D., Roussos A.I. and Kiparissides C., 2006, Dynamic Evolution of the Particle Size Distribution in Particulate Processes, ADCHEM 2006, International Symposium on Advanced Control of Chemical Process, Gramado, Brazil, April 2-5.

Ouzounidou M., Skodra A., Kokkofitis C., and M.Stoukides, 2006, Catalytic and Electrocatalytic Synthesis of Ammonia in a Proton Conducting Solid Electrolyte Cell, Proceedings of the 9th Panhellenic Symposium on Catalysis, Lefkada, October 6-7.

Panayiotou C., 2006, Hydrogen Bonding and Non-Randomness in Equation-of-State Models. Advances and Challenges”, Proceedings of the 22nd European Symposium on Applied Thermodynamics (ESAT 2006), Elsinore - Denmark, 283-286, Invited.

Panayiotou C., 2006, Hydrogen Bonding and Non-Randomness in Equation-of-State Models. Advances and Challenges”, Proceedings of the 22nd European Symposium on Applied Thermodynamics (ESAT 2006), Elsinore - Denmark, 283-286, Invited.

Sarigiannis Y.M., Stavropoulos G.P., Liakopoulou-Kyriakides M. and Makris P.E., 2006, Synthetic Peptides of 558-565 loop of the A2 subunit FVIII of Blood Coagulation Cascade and their Biological Activity, J. of Peptide Science, Supl v12, Th213.

Sikalidis C., Mitrakas M., Oikonomou N., Utilization of Iron Containing Effluents From Steel Mill Pickling Lines For The Production of Iron Chelates, International Conference on Integrated Coastal Zone Management, EU Parliament Office, Univ. of Thrace-Turkey, Aegian Univ- Greece, EU Environmental Law Accosiation, Foca-Phokaia, Turkey, 19-22.10.2006.

Skodras G., Diamantopoulou Ir. and Sakellaropoulos G.P., 2006, Experimental study on the effect of pore structure and surface chemistry of activated carbons on mercury adsorption, 17th International Congress of Chemical and Process Engineering, Praha, Proceedings: Summaries 4, System Engineering, p. 1081, 27-31.

Skodras G., Kaldis S., Topis S., Koutsonikolas D., Grammelis P. and Sakellaropoulos G.P., 2006, NH₃ decomposition and simultaneous H₂ separation with a commercial Pd-Cu/V membrane, 2nd International "Green" Energy Conference, Ontario-Canada.

Soupilas A., Papadimitriou C.A., Samaras P., Sakellaropoulos G.P, 2006, Monitoring of Industrial Effluent Ecotoxicity in the Greater Thessaloniki Area, 2nd International Conference on Water Science and Technology, Integrated management of Water resources, Athens.

Tsvintzelis G., Panayiotou C., 2006, Production of Microcellular Foams with Supercritical CO₂: An Experimental and Theoretical Study, Proceedings of 6th Hellenic Conference on Polymers, Patras, Greece, 76-78.

Tsvintzelis I., Spyriouni T., Economou I., 2006, Modeling of Phase Equilibria with Non Random Hydrogen Bonding (NRHB) and Statistical Associating Fluid Theory (SAFT) Theories, Proceedings of the 22nd European Symposium on Applied Thermodynamics (ESAT 2006), Elsinore - Denmark, 244-247.

Tsvintzelis, C. Panayiotou, 2006, Production of Microcellular Foams with Supercritical CO₂: An Experimental and Theoretical Study, Proceedings of 6th Hellenic Conference on Polymers, Patras, Greece, 76-78.

Tsvintzelis, Spyriouni T., I. Economou, 2006, Modeling of Phase Equilibria with Non Random Hydrogen Bonding (NRHB) and Statistical Associating Fluid Theory (SAFT) Theories, Proceedings of the 22nd European Symposium on Applied Thermodynamics (ESAT 2006), Elsinore - Denmark, 244-247.

Vagia E., Lemonidou A.A., 2006, Steam reforming of bio-oil components for hydrogen production, e-Proceedings Protection and Restoration of the environment, VIII Conference, Chania.

Zabaniotou A., Athanasiou C, E Antonakou, A Lappas, 2006. The Conjunction of Biomass Thermochemical Conversion with Solid Oxide Fuel Cells (SOFC)", Presented at the 7th European Gasification Conference 2006, Barcelona, Spain April 25-27.

Zabaniotou A., Ioannidou O., 2006. Agro-Residues for the production of activated carbon", Presented at 2006 IASME/WSEAS International Conference of Energy, environment, Ecosystems and Sustainable Development, Vouliagmeni, Athens, Greece, 11-13 July.

Zabaniotou A., Skoulou V, 2006. Potential application of wastes (agricultural and animal) for energy and material recovery with environmental safety. Presented at Biomass and Waste to Energy Symposium 2006, Venice, Italy, Cini Foundation November 29- December 1.

Zabaniotou A., Skoulou V. and Ioannidou O., 2006. Pyrolysis of agricultural residues for energy and carbon materials. Presented at the 17th International Symposium on Analytical and Applied Pyrolysis, Budapest, Hungary May 21-26.

Zabaniotou A., Skoulou V., 2006. Agricultural Residues for Decentralized Energy Production, Presented at the 8th Protection and Restoration of the Environment VIII; Chania, Crete island, Greece, 3-7 July.

Zabaniotou A., Skoulou V., 2006. Agro-Residues for decentralized energy demand satisfaction", Presented at 2006 IASME/WSEAS International Conference of Energy, environment, Ecosystems and Sustainable Development, Vouliagmeni, Athens, Greece, 11-13 July.

Ζαμπανιώτου Α., Ιωαννίδου Ο., 2006. Διερεύνηση της θερμοχημικής μετατροπής βιομάζας για παραγωγή βιοκαυσίμων, Παρουσίαση στο 8ο Εθνικό Συνέδριο Ινστιτούτου Ηλιακής Τεχνικής. Πολυτεχνική Σχολή ΑΠΘ, Θεσσαλονίκη, 29-31 Μαρτίου

Ζαμπανιώτου Α., Ιωαννίδου Ο., 2006. Δυνατότητες παραγωγής βιοκαυσίμων και υλικών από διαθέσιμη βιομάζα στην Κεντρική Μακεδονία», Παρουσίαση στο 2ο Συνέδριο Συμβουλίου Περιβάλλοντος, Τα Περιβαλλοντικά Προβλήματα

της Θεσσαλονίκης & της Ευρύτερης Περιοχής: οι Απόψεις του Α.Π.Θ.
Θεσσαλονίκη, 1-4 Ιουνίου.

Ζαμπανιώτου Α., Σκουλού Β., 2006. Αεριοποίηση ελαιοπυρηνόξυλου για την παραγωγή ενέργειας», Παρουσίαση στο 8ο Εθνικό Συνέδριο για τις Ήπιες Μορφές Ενέργειας, Θεσσαλονίκη, 29-31 Μαρτίου.

Μήτρακας Μ., Πλεονεκτήματα και Μειονεκτήματα του Οζονισμού κατά την Εμφιάλωση του Νερού, 1ο Πανελλήνιο Συνέδριο Διεπιστημονικής Εταιρείας Διασφάλισης Υγιεινής Τροφίμων, Θεσσαλονίκη, 2-3.06.2006.

Μήτρακας Μ., Ταξινόμηση και Ποιοτικά Χαρακτηριστικά Εμφιαλωμένων Νερών, 1ο Πανελλήνιο Συνέδριο Διεπιστημονικής Εταιρείας Διασφάλισης Υγιεινής Τροφίμων, Θεσσαλονίκη, 2-3.06.2006.

Μωυσίδης Χ.Τ., Καστρινάκης Ε.Γ., 2006, Κατανομή πίεσης κατά μήκος του αγωγού ανύψωσης μιας ανυψωτικής αεραντλίας, Πρακτικά 100 Πανελληνίου Επιστημονικού Συνεδρίου ΕΥΕ, Τόμος Β, 845-853.

Νιμπή Α., Μανάρα Π., Καστρινάκης Ε.Γ., Νυχάς Σ.Γ., 2006, Επίδραση του μήκους του ακροφυσίου στον αερισμό νερού με διάταξη υποβρύχιας αντλίας-ακροφυσίου, Πρακτικά 100 Πανελληνίου Επιστημονικού Συνεδρίου ΕΥΕ, Τόμος Β, σελ. 854-860.

Koutsou, C.P., Yiantsios S.G and Karabelas A.J., 2007, Membrane module optimization using CFD simulation of flow through narrow channels filled with spacers, Proceedings of the IDA World Congress on Desalination and Water Reuse, Maspalomas, Gran Canaria, Spain.

Βιβλία

2001

Παναγιώτου Κ., 2001, Διεπιφανειακά Φαινόμενα και Κολλοειδή Συστήματα, Εκδ. Ζήτη, Θεσσαλονίκη, 484.

Παναγιώτου Κ., 2001, Διεπιφανειακά Φαινόμενα και Κολλοειδή Συστήματα, Εκδ. Ζήτη, Θεσσαλονίκη, 484.

2004

Καστρινάκης Ε., 2004, Μηχανικές Φυσικές Διεργασίες, Τζιόλα, Θεσσαλονίκη

Λιακοπούλου-Κυριακίδου Μ., 2004, Βιοοργανική Χημεία, Θεσ/νίκη (επανεκδοση) 2004

Λιακοπούλου-Κυριακίδου Μ., 2004, Βιοτεχνολογία με στοιχεία Βιοχημικής Μηχανικής, Θεσ/νίκη

2006

Βασάλος Ι.Α., Βερούκιος Ξ., Λεμονίδου Α.Α., Λάππας Α.Α., 2006, Καταλυτική παραγωγή καυσίμων φιλικών προς το περιβάλλον, Ελληνικό Ανοιχτό Πανεπιστήμιο, σελ. 360

Παναγιώτου Κ., 2006, Επιστήμη και Τεχνολογία Πολυμερών, Εκδ. Πήγασος 2000, Θεσσαλονίκη, 614.

Παναγιώτου Κ., 2006, Επιστήμη και Τεχνολογία Πολυμερών, Εκδ. Πήγασος 2000, Θεσσαλονίκη, 614.

Άρθρα σε βιβλία

2001

Liakopoulou-Kyriakides M. and Kyriakidis D.A., 2001, Crocus sativus-Biological active constituents, in: Studies in Natural Product Chemistry, series: Bioactive Natural Products, Ed. Ur-Rahman A., Elsevier Science Publishers, Amsterdam, invited article, 26, 293-312.

2002

Liakopoulou-Kyriakides M., 2002, Naturally occurring oligopeptides with more than one biological activities, in: Studies in Natural Product Chemistry, series: Bioactive Natural Products, Ed. Ur-Rahman A., Elsevier Science Publishers, Amsterdam, 27,793-817.

Sarigiannis Y., Stavropoulos G., Liakopoulou-Kyriakides M., 2002, Synthesis of RGD analogs incorporating moiety of salicylic acid derivatives and their effect on human platelet aggregation in vitro, Biomedical and Health Research, Bioactive Peptides in Drug Discovery and Design: Medical Aspects, IOS Press, Eds Matsoukas J. and Mavromoustakos T., 55, 13.

Vakalopoulou P., Stavropoulos G., Liakopoulou-Kyriakides M., Iakovidou Z. and Mioglou E., 2002, Synthesis of substance P C-terminal analogs incorporating D-amino acids and studies of their antineoplastic properties in vitro, Biomedical and Health Research, Medical Aspects, IOS Press, Amsterdam, 55, 20.

2003

Lemonidou A.A., Valla J.A., Vasalos I.A., 2003, Methanol production from natural gas-Assessment of CO₂ utilization in natural gas reforming in "Carbon Dioxide Recovery and Utilisation", Edited by M. Aresta, Kluwer Academic Publishers, 379-394.

Panayiotou C., 2003, Hydrogen-Bonding in Solutions: The Equation-of-State Approach, in Handbook of Surface and Colloid Chemistry, K.S. Birdi Editor, CRC Press, Boca Raton, 15-75.

Panayiotou C., 2003, Hydrogen-Bonding in Solutions: The Equation-of-State Approach, in Handbook of Surface and Colloid Chemistry, K.S. Birdi Editor, CRC Press, Boca Raton, 15-75.

Stoforos N.G., 2003, Heating and cooling lag constants, Encyclopedia of Agricultural, Food and Biological Engineering, 484-489, D.R. Heldman (Ed), Marcel Dekker, Inc., New York, USA.

Stoforos, N.G., 2003. Heating and cooling lag constants. In Encyclopedia of Agricultural, Food and Biological Engineering, p. 484-489, D.R. Heldman (Ed), Marcel Dekker, Inc., New York, USA.

2004

Dalaouti N.K., Assael M.J., Kagawa N., and Yokoyama C., 2004, Saturated Liquid Thermal Conductivity, in JAREF: HFCs and HCFCs. Version 2.0, Eds. Kagawa N., Higashi Y., Okada M., Kayukawa Y., JSRAE, Tokyo, 71-76.

Dalaouti N.K., Assael M.J., Kagawa N., and Yokoyama C., 2004, Saturated Liquid Viscosity, in JAREF: HFCs and HCFCs. Version 2.0, Eds. Kagawa N., Higashi Y., Okada M., Kayukawa Y., JSRAE, Tokyo, 64-71.

Dalaouti N.K., Assael M.J., Kagawa N., and Yokoyama C., 2004, Saturated Vapor Thermal Conductivity, in JAREF: HFCs and HCFCs. Version 2.0, Eds. Kagawa N., Higashi Y., Okada M., Kayukawa Y., JSRAE, Tokyo, 81-85.

Dalaouti N.K., Assael M.J., Kagawa N., and Yokoyama C., 2004, Saturated Vapor Viscosity, in JAREF: HFCs and HCFCs. Version 2.0, Eds. Kagawa N., Higashi Y., Okada M., Kayukawa Y., JSRAE, Tokyo, 76-80.

Wakeham W.A., and Assael M.J., 2004, Transport Properties & Industry in Chemical Thermodynamics for Industry, Eds. T. Letcher, Springer-Verlag, 122 - 132.

2005

Στοφόρος Ν.Γ., 2005, Αρχές Θερμικής Επεξεργασίας του Κρέατος και των Προϊόντων του. Το Κρέας και τα Προϊόντα του (Παραγωγή, Εμπορία, Τεχνολογία, Υγιεινή), Κεφάλαιο 18, σελ. 499-529, Σ. Α. Γεωργάκης (Ed), Σύγχρονη Παιδεία, Θεσσαλονίκη.

Στοφόρος, Ν.Γ., 2005. Αρχές Θερμικής Επεξεργασίας του Κρέατος και των Προϊόντων του. Στο: Το Κρέας και τα Προϊόντα του (Παραγωγή, Εμπορία, Τεχνολογία, Υγιεινή), Κεφάλαιο 18, σελ. 499-529, Σ. Α. Γεωργάκης (Ed), Σύγχρονη Παιδεία, Θεσσαλονίκη.

2006

Kalamaki M.S., Stoforos N.G. and Taoukis P.S., 2006, Pectic enzymes in tomatoes, Food Biochemistry and Food Processing, Chapter 12, p. 271-290, Y.H. Hui (Ed), Blackwell Publishers, Ames, Iowa, USA.

Kalamaki, M.S., Stoforos, N.G., and Taoukis, P.S., 2006. Pectic enzymes in tomatoes. In Food Biochemistry and Food Processing, Chapter 12, p. 271-290, Y.H. Hui (Ed), Blackwell Publishers, Ames, Iowa, USA.

Karayiannis N., Mavrantzas V., Mouratides, D. Chiotellis E. and Kiparissides C., 2006, Chapter 6: Atomistic molecular dynamics simulation of short-chain branched polyethylene melts, Elsevier: Multiscale Modelling of Polymer Properties.

Kiparissides C., Pladis P. and Moen O., 2006, Chapter 3: From polyethylene rheology curves to molecular weight distributions, Elsevier: Multiscale Modelling of Polymer Properties.

Stoforos N.G. and Taoukis P.S., 2006, Heat Processing: Temperature – time combinations, Handbook of Food Science, Technology, and Engineering, Volume 3, Food Engineering and Food Processing, Part L, Thermal Processing, Chapter 109, p. 109-1-109-16, Y.H. Hui (Ed), CRC Press, Taylor & Francis Group, Boca Raton, FL, USA.

Stoforos, N.G. and Taoukis, P.S., 2006. Heat Processing: Temperature – time combinations. In Handbook of Food Science, Technology, and Engineering, Volume 3, Food Engineering and Food Processing, Part L, Thermal Processing, Chapter 109, p. 109-1-109-16, Y.H. Hui (Ed), CRC Press, Taylor & Francis Group, Boca Raton, FL, USA.

Εκδοση πρακτικών συνεδρίων

2001

Avgidou M.S., Kaldis S.P., Lappas A.A., Sakellaropoulos G.P., Krol J.J. and Koops G.H., Aliphatic Hydrocarbon Recovery from Gaseous Petrochemicals, 3rd Pan-Hellenic Scientific Congress in Chemical Engineering, 2, 717, Athens, Greece, 2001 – [Greek].

Chaidou C.I., Kaldis S.P. and Sakellaropoulos G.P., Gas Mixture Separation with Polyimide-Zeolite Membranes, 3rd Pan-Hellenic Scientific Congress in Chemical Engineering, 2, 777 Athens, Greece, 2001 – [Greek].

Chaidou C.I., Kaldis S.P. and Sakellaropoulos G.P., Hydrogen Separation in Gasification Gas Streams by Zeolite Filled Polyimide Membranes, Engineering with Membranes, 2, 379, Granada, Spain, 2001.

Hartung A., Fuchs S., Leveles L., Seshan K., Lemonidou A.A., Lercher J.A., Oxidative Dehydrierung von Ethan mit Hilfe neueartiger Mischoxidkatalysatoren, 34th Jahrestreffen Deutscher Katalytiker, Deutschland, 21-23.03.2001

Hartung A., Gaab S., Find J., Lemonidou A.A., Lercher J.A., Oxidative dehydrogenation of ethane over novel mixed oxides, Proc. DGMK Conference, Hamburg, Germany, p.139, 2001.

Kaldis S.P., Sakellaropoulos G.P., Sofialides D. and Faltsi O., Modeling of Gas Separation Hollow Fiber Membrane Modules. One-Dimensional and Computational Fluid Dynamics (CFD) Approach, Engineering with Membranes, 2, 302, Granada, Spain, 2001.

Machli M., Heracleous E., Lemonidou A.A., Propane Oxidative Dehydrogenation over Vanadia Supported Catalyst Promoted with Magnesia, Proc. 5th European Congress in Catalysis, Limerick, Ireland, 10P35, 2-7.09.2001.

Mavroudi M.A., Pantoleonos G., Kaldis S.P. and Sakellaropoulos G.P., Modeling of a Hollow Fiber Membrane Contactor for Gas Absorption, Engineering with Membranes, 2, 249, Granada, Spain, 2, 2001.

Mavroudi M.A., Pantoleonos G., Kaldis S.P. and Sakellaropoulos G.P., Simulation of Gas Absorption in Membrane Contactors, 3rd Pan-Hellenic Scientific Congress in Chemical Engineering, 2, 765, Athens, Greece, 2001 – [Greek].

Pavlou O., Avgidou M.S. and Sakellaropoulos G.P., Gas Separation with Ceramic Membranes, 3rd Pan-Hellenic Scientific Congress in Chemical Engineering, 2, 761, Athens, Greece, 2001 – [Greek].

Samaras P., Ntampou X.S., Orfanoudaki T. and Sakellaropoulos G.P., Carbon Molecular Sieve Production from Carbon Fibers by Thermal and RF Plasma

Deposition, 3rd Pan-Hellenic Scientific Congress in Chemical Engineering, 445, Athens, Greece, 2001 – [Greek].

Sarigiannis Y., Stavropoulos G., Liakopoulou-Kyriakides M., and Makris P.E., Synthesis of RGD Analogs incorporating Moiety of Salicylic Acid Derivatives and their Effect on Human Platelet Aggregation in vitro, 2nd Conference on Medicinal Chemistry, Drug Design and Development, Patras, March, 2001, L29.

Sarigiannis Y., Stavropoulos G., Liakopoulou-Kyriakides M., and Makris P., Synthetic tripeptides (RGD Analogues) incorporating moiety of salicylic-derivatives strongly inhibits platelet function in vitro, European conference in Thrombosis and Haemostasis, France, suppl vJuly 2001, P2683.

Skodras G., Kaldis S.P., Sakellaropoulos G.P., Sofialides D. and Faltsi O., Simulation of Coal Gasification in a Molten Bath Gasifier by Using CFD Code, 3rd Pan-Hellenic Scientific Congress in Chemical Engineering, 117, Athens, Greece, 2001 – [Greek].

Vakalopoulou P., Stavropoulos G., Liakopoulou-Kyriakides M., Iakovidou Z. and Mioglou E., Synthesis of substance P C-terminal analogs incorporated D-Trp and studies of their antineoplastic properties in vitro, 7th International Amino Acid Congress, August, 2001.

Vakalopoulou P., Stavropoulos G., Liakopoulou-Kyriakides M., Iakovidou Z. and Mioglou E., Synthesis of Substance P C-terminal Analogs Incorporating D-Amino Acids and Studies of their Antineoplastic Properties in vitro, 2nd Conference on Medicinal Chemistry, Drug Design and Development, Patras, March, 2001.

Βάλλα Ι., Λεμονίδου Α.Α., Βασάλος Ι.Α., Παραγωγή μεθανόλης μέσω συνδιασμένης αναμόρφωσης του φυσικού αερίου με ατμό και CO₂-Τεχνοοικονομική αξιολόγηση, Πρακτικά 3ου Πανελληνίου Συμποσίου στη Χημική Μηχανική, Αθήνα, 113, 2001.

Ζιαγκοβά Μ., Παπάς Θ., Μαμά Β., Λιτοπούλου-Τζαννετάκη Ε. και Λιακοπούλου-Κυριακίδου Μ., Απομάκρυνση τοξικών μετάλλων (Cd(II) και As(V)) με τη χρήση μικροοργανισμών απομονωμένων από ρυπασμένα εδάφη, 3ο Πανελ. Συνέδριο Χημικής Μηχανικής, Τόμος Β, σελ. 993-996, Αθήνα, 2001.

Μαρκόπουλος Ι., Δάλλας Ε., Μπαμπαλώνα Ε., Η επίδραση του αριθμού Reynolds στη μεταφορά μάζας σε αναδευόμενα συστήματα στερεού-υγρού, ΕΜΠ-Τμήμα Χημικών Μηχανικών, Αθήνα, 4, Αθήνα, 31.5-2.6.2001.

Μαρκόπουλος Ι., Παράς Σ., Μπαμπαλώνα Ε., Μελέτη του φαινομένου της πλημμύρισης σε αναδευόμενα συστήματα αερίου-υγρού με μονούς και διπλούς προωθητήρες, 3ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, ΕΜΠ-Τμήμα Χημικών Μηχανικών, Αθήνα, 4, Αθήνα, 31.5-2.6.2001.

Μινοπούλου Ε., Δεσύπρη Ε., Κ. Παναγιώτου, Α. Παϊπέτης, Β. Γκιώνης, Γ. Χρυσικός, “Μελέτη της Δομής Ρητινών Ουρίας-Φορμαλδεΐδης-Εισαγωγή Φασματοσκοπίας FT-NIR για την παρακολούθηση της Σύνθεσης”, 50 Πανελλήνιο Συνέδριο Πολυμερών, Ηράκλειο, 2001.

Μινοπούλου Ε., Δεσύπρη Ε., Παναγιώτου Κ., Παϊπέτης Α., Γκιώνης Β., Χρυσικός Γ., Μελέτη της Δομής Ρητινών Ουρίας-Φορμαλδεΐδης-Εισαγωγή Φασματοσκοπίας FT-NIR για την παρακολούθηση της Σύνθεσης, 50 Πανελλήνιο Συνέδριο Πολυμερών, Ηράκλειο, 2001.

Μιχόπουλος Α., Τσαμαντάκη Χ., Καστρινάκης Ε., Νυχάς Σ., 2001, Αγωγιμομετρική μέτρηση συγκέντρωσης αιωρούμενων στερεών σωματιδίων σε υγρό, Πρακτικά 3ου Πανελληνίου Επιστημονικού Συνεδρίου Χημικής Μηχανικής, 705-708.

Πολύδερρα Α., Στοφόρος Ν.Γ. και Ταούκης Π.Σ., 2001, Επίδραση της θερμικής επεξεργασίας στις διατροφικές παραμέτρους χυμών φρούτων. 3ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Πρακτικά Συνεδρίου, Τόμος Β', σελ. 1197-1200, Αθήνα, 31.05-2.06.2001.

Πολύδερρα, Α., Στοφόρος, Ν.Γ. και Ταούκης, Π.Σ., 2001. Επίδραση της θερμικής επεξεργασίας στις διατροφικές παραμέτρους χυμών φρούτων. 3ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Πρακτικά Συνεδρίου, Τόμος Β', σελ. 1197-1200, Αθήνα, 31 Μαΐου – 2 Ιουνίου 2001.

Σερετούδη Γ, Μπικιάρης Δ, Παναγιώτου Κ. Σύνθεση, χαρακτηρισμός και βιοαποικοδόμηση συμπολυμερών κατά συστάδες πολυ(σουκινικού αιθυλενεστέρα)/πολυ(ε-καπρολακτόνης)(PESu/PCL). 5ο Πανελλήνιο συνέδριο Πολυμερών, Ηράκλειο Κρήτης, 15-17 Δεκεμβρίου 2001. Πρακτικά συνεδρίου.

Σερετούδη Γ., Μπικιάρης Δ., Παναγιώτου Κ., Σύνθεση, χαρακτηρισμός και βιοαποικοδόμηση συμπολυμερών κατά συστάδες πολυ(σουκινικού αιθυλενεστέρα)/πολυ(ε-καπρολακτόνης)(PESu/PCL), 5ο Πανελλήνιο συνέδριο Πολυμερών, Ηράκλειο Κρήτης, Πρακτικά συνεδρίου, 15-17.12.2001.

Σιδερίδης Γ., Καστρινάκης Ε., Νυχάς Σ., Ραφωμανίκης Σ., 2001, Πειραματική προσομοίωση διασποράς βιογενών αερίων θερμοκηπίου, Πρακτικά 3ου Πανελληνίου Επιστημονικού Συνεδρίου Χημικής Μηχανικής, 925-928.

Ψωμάς Σ., Παπαγιάννη Μ., Παράς Σ., Μπατσίλας Λ., Κυριακίδης Δ.Α. και Λιακοπούλου-Κυριακίδου Μ., Μελέτη παραγωγής ξανθάνης με το μικροοργανισμό *Xanthomonas campestris* w.t., 3ο Πανελ. Συνέδριο Χημικής Μηχανικής, Τόμος Β, σελ. 1185-1188, Αθήνα, 2001.

2002

Χριστοδουλάκης Α., Λεμονίδου Α.Α., Μπογοσιάν Σ., Μελέτη των δομικών χαρακτηριστικών καταλυτών βαναδίου με τεχνική *in situ* Raman, Πρακτικά 7ου Συμποσίου Κατάλυσης, Έδεσσα, 39, 2002.

Gaab S., Find J., Lercher J.A., Lemonidou, A.A., Oxidative dehydrogenation and cracking of ethane over V/Mg/Ca mixed oxide catalysts, 35th Jahrestreffen Deutscher Katalytiker, Weimar, Deutschland, 20-22.03.2002.

Hartung A., Gaab S., Find J., Lercher J.A., Lemonidou A.A., Oxidative dehydrogenation of ethane over the system Li/Dy/Mg/Cl/O, influence of the chloride source on the catalytic performance, 35th Jahrestreffen Deutscher Katalytiker, Weimar, Deutschland, 20-22.03.2002.

Herakleous E., Machli M., Lemonidou A.A., Oxidative dehydrogenation of ethane and propane over V supported catalysts. Effect of support and promoter, Euroconference on Structure and Reactivity of Oxide Surfaces, Acquafredda di Maratea, Italy, 1-6.06.2002.

Kaldis S.P., Skodras G. and Sakellaropoulos G.P., Energy and Capital Cost Analysis of CO₂ Capture in Coal IGCC Processes via Gas Separation, 4th UK Meeting on Coal Research and its Applications, London, UK, 16-18.09.2002.

Mavroudi M., Kaldis S.P. and Sakellaropoulos G.P., Reduction of CO₂ Emissions by a Membrane Contacting Process, 4th UK meeting on Coal Research and its Applications, London UK, 16-18.09.2002.

Orfanoudaki T., Skodras G., Dolios I. and Sakellaropoulos G.P., Production of Carbon Molecular Sieves by Plasma-Treated Activated Carbon Fibres, 4th UK Meeting on Coal Research and its Applications, London, UK, 16-18.09.2002.

Panayiotou C., The QCHB model of Fluids and their Mixtures, 17th IUPAC Conference on Chemical Thermodynamics, Rostock, Germany, August 2002.

Panayiotou C., The QCHB model of Fluids and their Mixtures, 17th IUPAC Conference on Chemical Thermodynamics, Rostock, Germany, August 2002.

Sarigiannis Y., Stavropoulos G., Liakopoulou-Kyriakides M. and Vartholomatos G., Synthetic RGD peptides incorporating Salicylic Acid Derivatives and their Antiplatelet Activity in vitro 3rd Conference Medicinal Chemistry: Drug Design and Development, Patras, Greece, P21 (69), 7-9.03.2002.

Skodras G., Kaldis S.P., Sakellaropoulos G.P., Sofialides D. and Faltsi O., Simulation of a Molten Bath Gasifier by Using CFD Code, 4th UK Meeting on Coal Research and its Applications, London, UK, 16-18.09.2002.

Skodras G., Samaras P. and Sakellaropoulos G.P., Waste Wood Utilisation for Energy Production, 2002 Workshop of CPERI, Proceedings, p. 63 – 66, Thessalonici, Greece 6-7.12.2002.

Γκογκάκη Σ., Ναλμπαντιάν Λ., Λεμονίδου Α.Α., Παρασκευή των καταλυτών V/TiO₂ – Μελέτη της θερμικής διάσπασης των πρόδρομων ενώσεων, Πρακτικά 1ου Πανελληνίου Συμποσίου Θερμικής Ανάλυσης, Κερκίνη, 45, 2002.

Ηρακλέους Ε., Λεμονίδου Α.Α., Βασάλος Ι.Α., Οξειδωτική αφυδρογόνωση του αιθανίου σε καταλύτες $\text{Mo}/\text{Al}_2\text{O}_3$, Πρακτικά 7ου Συμποσίου Κατάλυσης, Έδεσσα, 181, 2002.

Μάχλη Μ., Λεμονίδου Α.Α., Επίδραση της προσθήκης Mg στον καταλύτη V/TiO_2 για την οξειδωτική αφυδρογόνωση του προπανίου, Πρακτικά 7ου Συμποσίου Κατάλυσης, Έδεσσα, 187, 2002.

Μπικιάρης Δ, Παυλίδου Ε, Πρίνος Ι, Κεχαγιάς Γ, Παναγιώτου Κ. Μελέτη συμβατοποίησης μιγμάτων Πολυ(τερεφθαλικού αιθυλενεστερά)/Πολυπρο-πυλενίου. 1ο Πανελλήνιο συνέδριο θερμικής ανάλυσης, λίμνη Κερκίνη, 27-29 Σεπτεμβρίου 2002.

Μπικιάρης Δ, Πρίνος Ι, Botev M, Betchev C, Παναγιώτου Κ. Μελέτη αναμιξιμότητας μιγμάτων πολυμερών με δυναμική θερμομηχανική ανάλυση και διαφορική θερμιδομετρία σάρωσης. 1ο Πανελλήνιο συνέδριο θερμικής ανάλυσης, λίμνη Κερκίνη, 27-29 Σεπτεμβρίου 2002.

Μπικιάρης Δ., Παυλίδου Ε., Πρίνος Ι., Κεχαγιάς Γ., Παναγιώτου Κ., Μελέτη συμβατοποίησης μιγμάτων Πολυ(τερεφθαλικού αιθυλενεστερά)/Πολυπρο-πυλενίου. 1ο Πανελλήνιο συνέδριο θερμικής ανάλυσης, λίμνη Κερκίνη, 27-29.09.2002.

Μπικιάρης Δ., Πρίνος Ι., Botev M., Betchev C., Παναγιώτου Κ. Μελέτη αναμιξιμότητας μιγμάτων πολυμερών με δυναμική θερμομηχανική ανάλυση και διαφορική θερμιδομετρία σάρωσης. 1ο Πανελλήνιο συνέδριο θερμικής ανάλυσης, λίμνη Κερκίνη, 27-29.09.2002.

Παναγιώτου Κ., SF Εκχύλιση καταλοίπων ελαιουργείων, NAIAS Meeting, Μυτιλήνη, Νοέμβριος 2002.

Παναγιώτου Κ., SF Εκχύλιση καταλοίπων ελαιουργείων, NAIAS Meeting, Μυτιλήνη, Νοέμβριος 2002.

Σαρηγιάννης Ι., Σταυρόπουλος Γ., Λιακοπούλου-Κυριακίδου Μ., Γκιρτοβίτης Φ. και Μακρής Π.Ε., Συνθετικά τριπεπτιδία με ειδική εκλεκτική ανασταλτική δράση στην γλυκοπρωτεΐνη Gr Ib της μεμβράνης των αιμοπεταλίων, 13ο Πανελλήνιο Αιματολογικό Συνέδριο, Haema 2002, 5 (Suppl. 1) 112-113, Πάτρα, 2002.

2003

Avgidou M.S., Kaldis S.P. and Sakellaropoulos G.P., LPF Olefin/Paraffin Separation in Various Membrane Cascade Schemes, European Membrane Society Summer School 2003, NTNU, Trondheim, Norway, 3-8.08.2003.

Bakola-Christianopoulou M., Valla V., Siopidou D., Papastavrou E., Akrivos P., Synthesis and spectroscopic study of Organotin and mixed organotin-ferrocenyl compounds possessing the aminopyrimidine-2-thionate as the bridging ligand, XVth FECHM Conference, Zurich, Switzerland, 371, 10-15.08.2003

Bakola—Christianopoulou M., Valla V., Xenikakis P., Akrivos P., Synthesis and spectroscopic study of Organotin derivatives of hydroxyl-anthraquinones and naphthoquinones, XVth FECHEM Conference, Zurich, Switzerland, 370, 10-15.08.2003.

Christodoulakis A., Boghosian S., Machli M., Lemonidou A.A., Oxidative dehydrogenation of propane over V₂O₅/TiO₂ and V₂O₅/ZrO₂ catalysts. Catalytic activity and molecular structure, Proc. Europacat VI, Innsbruck, Austria, 1-5.09.2003.

Heracleous E., Vakros J., Lemonidou A.A., Kordulis Ch., Role of Preparation parameters on the structure-selectivity properties of MoO₃/Al₂O₃ catalysts for the oxidative dehydrogenation of ethane, Proc. 7th European Workshop on Selective Oxidation, Innsbruck Austria, 1-5.09.2003.

Kalogiannis K., Lambrou Ch., Lee Y.-W. and Panayiotou C., Paracetamol micronization by precipitation with supercritical carbon dioxide with the SEDS process – influence of process parameters. ISASF Proc., Versailles, 2003.

Kalogiannis, K., Lambrou, Ch., Lee, Y.-W. and Panayiotou C., Paracetamol micronization by precipitation with supercritical carbon dioxide with the SEDS process – influence of process parameters. ISASF Proc., Versailles, 2003.

Kiparissides C., 3rd Chemical Engineering Conference for Collaborative Research in Eastern Mediterranean, Proceedings, Thessaloniki, Greece, 13-15.05.2003.

Kiparissides C., Workshop on Nanoscale Functionalities for Medicine, Nutrition and Health, Proceedings, Proceedings, Halkidiki, Greece, October 2003.

Lemonidou A.A., Lopez L., Manzer L.E., Barteau M.A., Dynamic microbalance studies of RbOx/SiO₂ catalyst deactivation/regeneration for methylene valerolactone synthesis, Proc. Europacat VI, Innsbruck, Austria, 1-5.09.2003.

Machli M., Lemonidou A.A., Optimisation of V-Mg/TiO₂ catalysts - Effect of V/Mg ratio and preparation method to the catalytic performance in the oxidative dehydrogenation of propane, Proc. Europacat VI, Innsbruck, Austria, 1-5.09.2003.

Mavroudi M., Kaldis S.P. and Sakellaropoulos G.P., Membrane Contactor Technology for Acid Gas Capture, European Membrane Society Summer School 2003, NTNU, Trondheim, Norway, 3-8.08.2003.

Sarigiannis Y.M, Stavropoulos G.P., Liakopoulou-Kyriakides M.T., Makris P.E., The antiplatelet effects of synthesized RGD peptides incorporating salicylic derivatives Greek Thrombosis Days, Thessaloniki, 18-19.12.2003.

Sarigiannis Yiannis, Lygerou Georgia, Stavropoulos George, Liakopoulou-Kyriakides Maria and Makris Pantelis, Incorporating Salicylic Acid Derivatives with Specific Inhibitory Activity to the Gp-Ib platelet receptor 4th Conference

Medicinal Chemistry: Drug Design and Development, Patras, Greece, P18 (70), 13-14.03.2003.

Schnitzler von J., Pantoula M., Eggers R., Panayiotou, C., Study of supercritical carbon dioxide-polymer interactions by use of magnetic suspension balance, AICHEM 2003, Frankfurt, Germany, 19-24/5/2003.

Sikalidis C., Manolakis I., Zaspalis V., Characteristics and comparison of SnO₂-Cr₂O₃, TiO₂-MoSi, Fe₂O₃-Cr₂O₃-TiO₂, SnO₂-SbO₅ and Cr₂O₃-MnO₂ semiconducting ceramic glazes prepared by Greek raw materials, 4ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Πάτρα, 29-31.5.2003.

Sofialidis D., Faltsi O., Skodras G., Kaldis S. and Sakellaropoulos G.P., Computer Simulation of Coal Gasification in a Slag Reactor Using a Customised Commercial CFD Code, Greek Section of the Combustion Institute, 3rd Meeting, Patras, Greece, 7-8.11.2003.

Tejeda J., Michailof Ch., Vaca C., Panayiotou C., Liquefaction of Orujillo Olive Stones for the Formulation of New Bio-polymers, EXPOLIVA 2003, Jaen, Spain, 14-17.05.2003.

Tejeda, J., Michailof, Ch., Vaca, C., Panayiotou, C., Liquefaction of Orujillo Olive Stones for the Formulation of New Bio-polymers, EXPOLIVA 2003, Jaen, Spain, May 14-17, 2003.

Tserki V., Panayiotou C., Influence of the compatibilization on the production of composites using cotton fibers as filler. XIX Panhellenic Conference in Solid State and Material Science, Thessaloniki, September 2003.

Tserki, V., Panayiotou, C., Influence of the compatibilization on the production of composites using cotton fibers as filler. XIX Panhellenic Conference in Solid State and Material Science, Thessaloniki, September 2003.

von Schnitzler J., Pantoula M., Eggers R., Panayiotou, C., Study of supercritical carbon dioxide-polymer interactions by use of magnetic suspension balance, AICHEM 2003, Frankfurt, Germany, 19-24.05.2003.

Ζιαγκοβά Μ. και Λιακοπούλου-Κυριακίδου Μ., Βιοαποικοδόμηση 1,2 Διχλωροβενζολίου με *Pseudomonas sp*ZnVR1.3, 4ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Πάτρα, 2003.

Θεοδοσιάδης Κ., Μαρταβαλιτζή Χ., Λεμονίδου Α.Α., Προσομοίωση μονάδας αιθυλενίου με τις μεθόδους θερμικής ατμοπυρόλυσης και καταλυτικής οξειδωτικής αφυδρογόνωσης αιθανίου, Πρακτικά 4ου Πανελληνίου Επιστημονικού Συνεδρίου Χημικής Μηχανικής, Πάτρα, 649, 29-31.05.2003.

Μάχλη Μ., Λεμονίδου Α.Α., Παραγωγή προπυλενίου με εκλεκτική οξειδωση προπανίου. Μελέτη της ενισχυτικής δράσης του MgO σε καταλύτες V₂O₅/TiO₂, Πρακτικά 4ο Πανελληνίου Επιστημονικού Συνεδρίου Χημικής Μηχανικής, Πάτρα, 381, 29-31.05.2003.

Μινοπούλου Ε., Δεσύπρη Ε., Χρυσικός Γ., Γκιώνης Β., Παϊπέτης Α., Παναγιώτου Κ., Σύνθεση και Χαρακτηρισμός Ρητινών Ουρίας-Φορμαλδεΐδης, ΧΙΧ Πανελλήνιο Συνέδριο Φυσικής Στερεάς Κατάστασης & Επιστήμης Υλικών”, Θεσσαλονίκη, 2003.

Μινοπούλου Ε., Ε. Δεσύπρη, Γ. Χρυσικός, Β. Γκιώνης, Α. Παϊπέτης, Κ. Παναγιώτου, Σύνθεση και Χαρακτηρισμός Ρητινών Ουρίας-Φορμαλδεΐδης, ΧΙΧ Πανελλήνιο Συνέδριο Φυσικής Στερεάς Κατάστασης & Επιστήμης Υλικών”, Θεσσαλονίκη, 2003.

Μωυσίδης Χ., Καστρινάκης Ε.Γ., Νυχάς Σ.Γ., 2003, Χαρακτηριστικά της διφασικής ροής σε ανυψωτικές αεραντλίας μικρού μήκους, Πρακτικά 4ου Πανελληνίου Επιστημονικού Συνεδρίου Χημικής Μηχανικής, 881-885.

Παντούλα Μ., Τσιβιντζέλης Ι. και Κ. Παναγιώτου, ΑΛΛΗΛΕΠΙΔΡΑΣΕΙΣ ΠΟΛΥΜΕΡΩΝ ΚΑΙ ΥΠΕΡΚΡΙΣΙΜΩΝ ΡΕΥΣΤΩΝ: ΜΙΑ ΕΝΙΑΙΑ ΘΕΩΡΗΣΗ, 19ο Πανελλήνιο Συνέδριο Φυσικής Στερεάς Κατάστασης, Θεσσαλονίκη, 2003.

Παντούλα Μ., Τσιβιντζέλης Ι. και Παναγιώτου Κ., ΑΛΛΗΛΕΠΙΔΡΑΣΕΙΣ ΠΟΛΥΜΕΡΩΝ ΚΑΙ ΥΠΕΡΚΡΙΣΙΜΩΝ ΡΕΥΣΤΩΝ: ΜΙΑ ΕΝΙΑΙΑ ΘΕΩΡΗΣΗ, 19ο Πανελλήνιο Συνέδριο Φυσικής Στερεάς Κατάστασης, Θεσσαλονίκη, 2003.

Παπασπύρος Ι.Ν.Ε., Σιδερίδης Γ.Α., Καστρινάκης, Ε.Γ., Νυχάς, Σ.Γ., 2003, Απλουστευμένο μοντέλο συμπεριφοράς δασικών πυρκαγιών, Πρακτικά 4ου Πανελληνίου Επιστημονικού Συνεδρίου Χημικής Μηχανικής, 1041-1044.

Πολύδερρα Α.Κ., Γαλανού Ε., Στοφόρος Ν.Γ. και Ταούκης Π.Σ., 2003, Κινητική μελέτη της επίδραση υπερωψηλής υδροστατικής πίεσης και θερμοκρασίας στην πηκτινομεθυλεστεράση πορτοκαλοχυμού, 4ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Πάτρα, 29-31.05.2003, Πρακτικά, σελ. 949-952, Εκδόσεις ΤΖΙΟΛΑ, Θεσσαλονίκη.

Πολύδερρα, Α.Κ., Γαλανού, Ε., Στοφόρος, Ν.Γ. και Ταούκης, Π.Σ., 2003. Κινητική μελέτη της επίδραση υπερωψηλής υδροστατικής πίεσης και θερμοκρασίας στην πηκτινομεθυλεστεράση πορτοκαλοχυμού. 4ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Πάτρα, 29 – 31 Μαΐου 2003, Πρακτικά, σελ. 949-952, Εκδόσεις ΤΖΙΟΛΑ, Θεσσαλονίκη.

Ρούμπας Γ., Καστρινάκης Ε.Γ., Νυχάς Σ.Γ., 2003, Διεργασίες συμπαρασυρμού σε ομοαξονικές Φλέβες, Πρακτικά 4ου Πανελληνίου Επιστημονικού Συνεδρίου Χημικής Μηχανικής, 869-873.

Σικαλίδης Κ., Ρούσσοι Ι., Μητρούλη Σ., Παρασκευή συνθέτων βιολικών υδροξυαπατίτη-εποξειδικών συστημάτων και διερεύνηση της βιοενεργότητάς τους, 4ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Πάτρα, 29-31.5.2003.

Σκόδρας Γ., Διαμαντοπούλου Ειρ., Αμάραντος Π., Ορφανουδάκη Θ. και Σακελλαρόπουλος, Γ.Π., Διερεύνηση και Μαθηματική Προσομοίωση της Ρόφησης Υδραργύρου σε Ενεργούς Άνθρακες, 4ο Πανελλήνιο Συνέδριο

Χημικής Μηχανικής, Πρακτικά (ISBN 960-418-011-8), 1025-1028, Πάτρα, Ελλάδα, 29-31.05.2003.

Τσακαλούδη Β., Παπάζογλου Ε., Σικαλίδης Κ., Ζασπάλης Β., Βελτίωση των ιδιοτήτων σιδηρομαγνητικών ηλεκτρονικών κεραμικών μέσω ελέγχου της νανοδομής με προσμίξεις οξειδίου του Νιοβίου, 4ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Πάτρα, 29-31.5.2003.

Φάμελος Σ., Παυλίδου Ε., Καρπουζά Α., Τσιρίδης Β., Πεταλά Μ., Κούγκολος Α., Σαμαράς Π. και Σακελλαρόπουλος Γ.Π., Τεχνικές Προωθημένης Επεξεργασίας για Ανάκτηση και Επαναχρησιμοποίηση Δευτεροβάθμιων Εκρών ΗΕΛΕCO 2003, 4η Διεθνής Εκθεση και Συνέδριο για την Τεχνολογία Περιβάλλοντος, ΤΕΕ, Τόμος Α, 307-313, 30.01-2.02.2003.

Φουντούκης Χ. και Στοφόρος Ν.Γ., 2003, Εκτίμηση μέσης τιμής ποιοτικής παραμέτρου θερμικά κατεργασμένου προϊόντος με μετρήσεις θερμοκρασίας σε κατάλληλο σημείο του. 4ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Πάτρα, 31.05.2003, Πρακτικά, σελ. 973-976, Εκδόσεις ΤΖΙΟΛΑ, Θεσσαλονίκη.

Φουντούκης, Χ. και Στοφόρος, Ν.Γ., 2003. Εκτίμηση μέσης τιμής ποιοτικής παραμέτρου θερμικά κατεργασμένου προϊόντος με μετρήσεις θερμοκρασίας σε κατάλληλο σημείο του. 4ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Πάτρα, 29 – 31 Μαΐου 2003, Πρακτικά, σελ. 973-976, Εκδόσεις ΤΖΙΟΛΑ, Θεσσαλονίκη.

Χριστοδουλάκης Α., Μπογοσιάν Σ., Μάχλη Μ., Λεμονίδου Α.Α., Μελέτη της δομής και καταλυτικής συμπεριφοράς στηριζόμενων καταλυτών V₂O₅ σε ZrO₂ και TiO₂, για την οξειδωτική αφυδρογόνωση του προπανίου, Πρακτικά 4ου Πανελλήνιου Επιστημονικού Συνεδρίου Χημικής Μηχανικής, Πάτρα, 373, 29-31.05.2003.

Ψωμάς Σ., Λιακοπούλου-Κυριακίδου Μ., και Κυριακίδης Δ.Α., Εφαρμογή της μεθοδολογίας επιφανειών απόκρισης στη βελτιστοποίηση της παραγωγής ξανθάνης, 4ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Πάτρα, 2003.

2004

Bakola-Christianopoulou M., Akrivos P.D., Valla V., Tsipis C., Synthesis and spectroscopic study of anthraquinonato- and naphthoquinonato-bridged binuclear tribenzyl-tin compounds, ASCMC International Symposium on Advances in Synthetic, Combinatorial and Medicinal Chemistry, Moscow, Russia, 199, 5-8.05.2004.

Heracleous E., Lemonidou A.A., Lercher J.A., Ethane oxidative dehydrogenation studied by in situ IR spectroscopy over a MoO₃/Al₂O₃ catalyst, 13th International Congress on Catalysis, Paris, 11-16.07.2004.

Iordanidis A.A., Kechagiopoulos P.N., Voutetakis S.S., Lemonidou A.A., Vasalos I.A., Autothermal sorption-enhanced steam reforming of bio-oil/biogas mixture and energy generation by fuel cells: concept analysis and process

simulation, Proceedings 16th international Congress of Chemical and Process Engineering CHISA 2004, Prague, 22-26.08.2004.

Kaldis S., Skodras G., Pantoleonos G., Sakellaropoulos G.P., Sofialidis D. and Faltsi O., Application of CFD Modelling in Coal Upgrading Processes for Higher Energy Efficiency and Lower Environmental Impacts, 2nd Workshop of CPERI, Proceedings, 51-54, Theassaloniki, Greece, 15-16.12.2004

Kiparissides C., Symposium on Knowledge Driven Batch Processes, Proceedings, Poros, Greece, June 2004

Machli M., Boudouris C., Lemonidou A.A., Mathematical modeling of thermal oxidative pyrolysis of ethane and propane, Proceedings 16th international Congress of Chemical and Process Engineering CHISA 2004, Prague, 22-26.08.2004.

Michailof Ch., Panayiotou C., COSMOtherm Calculations of the O/W Partition Coefficients of Antioxidants of Virgin Olive Oil, COSMO Symposium, Karlsruhe, April 2004.

Michailof, Ch., Panayiotou, C., COSMOtherm Calculations of the O/W Partition Coefficients of Antioxidants of Virgin Olive Oil, COSMO Symposium, Karlsruhe, April 2004.

Panayiotou C., Towards a COSMO-Equation-of-State, COSMO Symposium, Karlsruhe, April 2004.

Panayiotou, C., Towards a COSMO-Equation-of-State, COSMO Symposium, Karlsruhe, April 2004.

Ritzoulis C., Scoutaris N., and Panayiotou C., Protein-Based Emulsion Gels for Bone Tissue Engineering, to be presented in Foods Colloids 2004, International Conference in Food Colloids, Harrogate, UK 18–21 April 2004.

Ritzoulis C., Scoutaris N., and Panayiotou C., Protein-Based Emulsion Gels for Bone Tissue Engineering, to be presented in Foods Colloids 2004, International Conference in Food Colloids, Harrogate, UK 18–21 April 2004.

Skodras G., Diamantopoulou Ir., Natas P., Orfanoudaki Th. and Sakellaropoulos, Production, Characterisation and Application of Advanced Carbon Materials in Removal of Polluting Substances, 2nd Workshop of CPERI, Proceedings, 91-94, Theassaloniki, Greece, 15-16.12.2004

Stefanis Emmanuel, Constantinou Leonidas, Panayiotou C., Group-Contribution Method for Predicting Properties of Biochemical and Safety Interest and Temperature-Dependent Properties of Pure Components, AIChE Annual Meeting, Austin Convention Center, Austin, TX / Session: Thermodynamic and Transport Properties, CD-ROM Edition, 7-12.11.2004.

Stefanis Emmanuel, Constantinou Leonidas, Panayiotou, C., Group-Contribution Method for Predicting Properties of Biochemical and Safety Interest and Temperature-Dependent Properties of Pure Components, AIChE

2004 Annual Meeting/ November 7-12, Austin Convention Center, Austin, TX /
Session: Thermodynamic and Transport Properties, CD-ROM Edition.

Valla V., Bakola-Christianopoulou M., Akrivos P., Tsioni G., Lappas A.,
Kourounaki A., Spectroscopic study of new multinuclear triorganotin
compounds, XXIst International Conference on Organometallic Chemistry,
Vancouver, Canada, O30, 38, 25-30.07.2004.

Βάγια Αικ., Λεμονίδου Α.Α., Βασάλος Ι.Α., Αναμόρφωση με Ατμό συστατικών
βιοελαίου: Θεωρητική και πειραματική μελέτη, Πρακτικά 1ο Εθνικό Συνέδριο
ΕΛΕΤΥ Τεχνολογίες Υδρογόνου: Έρευνα-Ανάπτυξη-Εφαρμογές, Αθήνα,
30.09-2.10. 2004.

Βουτετάκης Σ.Σ., Κεχαγιόπουλος Π.Ν., Ιορδανίδης Α.Α., Λεμονίδου Α.Α.,
Βασάλος Ι.Α., Παραγωγή υδρογόνου μέσω ατμοαναμόρφωσης βιοαερίου σε
αντιδραστήρα σταθερής κλίνης σε πιλοτική κλίμακα, Πρακτικά 1ο Εθνικό
Συνέδριο ΕΛΕΤΥ Τεχνολογίες Υδρογόνου: Έρευνα-Ανάπτυξη-Εφαρμογές,
Αθήνα, 30.09-2.10. 2004.

Ηρακλέους Ε., Λεμονίδου Α.Α., Μελέτη των ομογενών και ετερογενών
αντιδράσεων της οξειδωτικής και μη-οξειδωτικής αφυδρογόνωσης του
αιθανίου με την μέθοδο της θερμοπρογραμματιζόμενης αντίδρασης (TP-
reaction), Πρακτικά 8ου Πανελληνίου Συμποσίου Κατάλυσης, Κύπρος, 138,
30.10-1.11.2004.

Ιορδανίδης Α.Α., Κεχαγιόπουλος Π.Ν., Βουτετάκης Σ.Σ., Λεμονίδου Α.Α.,
Βασάλος Ι.Α., Αυτοθερμική ατμο-αναμόρφωση, ενισχυμένη με απορρόφηση,
μείγματος βιοελαίου/βιοαερίου και παραγωγή ενέργειας μέσω κυψελίδων
καυσίμου: ανάλυση αρχής και προσομοίωση διαδικασίας, Πρακτικά 1ο Εθνικό
Συνέδριο ΕΛΕΤΥ Τεχνολογίες Υδρογόνου: Έρευνα-Ανάπτυξη-Εφαρμογές,
Αθήνα, 30.09-2.10. 2004.

Μαρράς Σ.Ι., Ζουμπουρτικούδης Ι., Κ. Καρατάσος, Κ. Σικαλίδης και Κ.
Παναγιώτου, Ανάπτυξη Νέων Νανοσύνθετων βιοαποικοδομήσιμων και
Βιοσυμβατών Πολυμερικών Υλικών με Ορυκτά της Αργίλου, Πρακτικά του XX
Πανελληνίου Συνεδρίου Φυσικής Στερεάς Κατάστασης & Επιστήμης Υλικών,
Ιωάννινα, 2004.

Μαρράς Σ.Ι., Ζουμπουρτικούδης Ι., Καρατάσος Κ., Σικαλίδης Κ. και
Παναγιώτου Κ., Ανάπτυξη Νέων Νανοσύνθετων βιοαποικοδομήσιμων και
Βιοσυμβατών Πολυμερικών Υλικών με Ορυκτά της Αργίλου, Πρακτικά του XX
Πανελληνίου Συνεδρίου Φυσικής Στερεάς Κατάστασης & Επιστήμης Υλικών,
Ιωάννινα, 2004.

Μάχλη Μ., Ηρακλέους Ε., Λεμονίδου Α.Α., Βασάλος Ι.Α., Οξειδωτική
αφυδρογόνωση του αιθανίου και του προπανίου σε καταλύτες βαναδίου και
μολυβδαινίου, Πρακτικά 8ου Πανελληνίου Συμποσίου Κατάλυσης, Κύπρος,
288, 30.10-1.11.2004.

Πάνου Κ., Πάνου Χ., Ηρακλέους Ε., Λεμονίδου Α.Α., Κινητική ανάλυση και
μαθηματική μοντελοποίηση της θερμοπρογραμματιζόμενης αναγωγής (TPR-

H2) καταλυτών Ni-Cu/Al₂O₃, Πρακτικά 8ου Πανελληνίου Συμποσίου Κατάλυσης, Κύπρος, 307, 30.10-1.11.2004.

2005

Βάγια Αικ., Λεμονίδου Α.Α., Παραγωγή υδρογόνου μέσω καταλυτικής ατμοαναμόρφωσης χαρακτηριστικών ενώσεων βιοελαίου, Πρακτικά 5ο Πανελληνίου Επιστημονικού Συνεδρίου Χημ. Μηχανικής, Θεσσαλονίκη, 221-224, Μάιος 2005.

Athanassiou A., Varda M., Mele E., Lygeraki M.I., Pisignano D., Frasari M., Fotakis C., Cingolani R. and Anastasiadis S.H., Combination of Microstructuring and Laser-light Irradiation for the Reversible Wettability of Photosensitised Polymer Surfaces, 3rd International Symposium on Nanomanufacturing Proceedings, p.XXX, 2005.

Bitsanis I.A., Karaiskos E., Anastasiadis S.H. and Toprakcioglu C., Monte Carlo Studies of Tethered Chains, 5th Panhellenic Chemical Engineering Scientific Conference Proceedings, p.1245, 2005.

Chrissopoulou K., Afratis A., Anastasiadis S.H., Giannelis E.P., Floudas G. and Frick B., Dynamics in Polymer/Inorganic Hybrid Nanocomposites, 5th Panhellenic Chemical Engineering Scientific Conference Proceedings, p.513, 2005.

Heracleous E., Delimitis A., Nalbandian L., Lemonidou A.A., Ni-Nb-O nanostructured oxides: A promising class of catalytic materials for ethane oxidative dehydrogenation, Proceedings of International Symposium "Catalysis on oxide-type materials. Theory and experiment: share needs and capabilities" Krakow, 17-19.11.2005.

Heracleous E., Kopečný J., Lee A.F., Wilson K., Lemonidou A.A., Novel highly active Ni/Nb mixed metal oxide catalysts for ethylene production via the ethane oxidative dehydrogenation route, 7th European Congress in Catalysis, EUROPACAT VII, Sofia, Bulgaria, August 2005.

Heracleous E., Lemonidou A.A., Ethylene production via oxidative dehydrogenation in the presence of highly active nickel-based catalysts, 19th North American Catalysis Society meeting, Philadelphia, USA, May 2005.

Heracleous E., Lemonidou A.A., Reaction pathways of ethane oxidative and non-oxidative dehydrogenation on γ -Al₂O₃ studied by temperature-programmed reaction (TP-reaction), First Conference of the EU Coordination Action, CO-ordination of Nanostructured Catalytic Oxides Research and Development in Europe: CONCORDE. Louvain-la-Neuve (Belgium), 26-28.01.2005.

Iliopoulou E.F., Soultanidis N., Lemonidou A.A., Vasalos I.A., Ru-based catalysts for the reduction of NO_x emissions from the regenerator of an FCC unit, 7th European Congress in Catalysis, EUROPACAT VII, Sofia, Bulgaria, August 2005.

Kechagiopoulos P.N., Voutetakis S.S., Iordanidis A.A., Lemonidou A.A., Vasalos I.A. Hydrogen production via steam reforming of the water-soluble phase of a bio-oil in a fixed bed reactor, IEEEES2 Proceedings of the Second International Exergy, Energy and Environment Symposium, Kos, Greece, 3-7 .07. 2005.

Koutsas Chr., Sarigiannis Y., Stavropoulos G., Makris P.E. and Liakopoulou-Kyriakides M., Synthesis and biological activity of RGD derivative with 3,4',5-trihydroxy-trans-stilbene (resveratrol), 9th International Congress on Amino Acids and Proteins, Vienna, Austria, Amino Acids, Vol.29, p.68, 8-12.08.2005.

Koutsonikolas D., Topis S., Kaldis S., Skodras G. and Sakellaropoulos G.P., Study of ammonia decomposition in a membrane reactor, 5th Panhellenic Chemical Engineering Conference, Thessaloniki, Greece, 26-28.05.2005.

Koutsonikolas D., Topis S., Skodras G., Kaldis S. and Sakellaropoulos G.P., Separation of hydrogen by a commercial Pd-Cu membrane, 2nd National Conference on Hydrogen Technology, Thessaloniki, Greece, 20-22.10.2005.

Kungolos A., Samaras P., Tsiridis V., Petala M. and Sakellaropoulos G., Bioavailability and toxicity of heavy metals in the presence of natural organic matter, Third European Bioremediation Conference, ed. by N. Kalogerakis, p. 122, Chania, Crete, Greece, July 4-7.07.2005.

Machli M., Boudouris C., Gaab S., Find J., Lercher J.A., Lemonidou A.A., Kinetic modelling of the gas phase ethane and propane oxidative dehydrogenation, First Conference of the EU Coordination Action "CO-ordination of Nanostructured Catalytic Oxides Research and Development in Europe": CONCORDE. Louvain-la-Neuve (Belgium), 26-28.01.2005.

Machli M., Lemonidou A.A., Kinetic study of the oxidative dehydrogenation of propane over V₂O₅/MgO/TiO₂ catalyst, 7th European Congress in Catalysis, EUROPACAT VII, Sofia, Bulgaria, August 2005.

Machli M., Lemonidou A.A., Oxidative dehydrogenation of propane over V₂O₅-MgO/TiO₂. Effect of reactor type and operation conditions, 5th World Congress on Oxidation Catalysis, Sapporo, Japan, September 2005.

Petala M., Tsiridis V., Kalogerakis N., Mantzavinos D. and Samaras P., Toxicity reduction of oxidative treated olive mill wastewater, Third European Bioremediation Conference, ed. by N. Kalogerakis, p. 162, Chania, Crete, Greece, July 4-7.07.2005.

Sarigiannis Yiannis, Foteinopoulos George, Stavropoulos George, Liakopoulou – Kyriakidou Maria and Makris Pantelis, Synthesis of Linear and Cyclic RGD Peptides containing Salicylic Acid Derivatives and their Antiplatelet Activity in vitro 6th Conference Medicinal Chemistry: Drug Design and Development, Patras, Greece, P36 (70), 0-12.03.2005.

Sarigiannis Yiannis, Foteinopoulos George, Stavropoulos George, Liakopoulou – Kyriakidou Maria and Makris Pantelis, Synthetic Linear and

Cyclic RGD Peptides and Mimetics containing Salicylic Acid Derivatives and their Antiplatelet Activity in vitro Greek Thrombosis Days, Thessaloniki, Greece, 31.03 –1.04.2005.

Skodras G., Natas P., Basinas P. and Sakellaropoulos G.P., Removal of Pollutants from Poor Quality Coals by Pyrolysis, International Symposium Moving Towards Zero Emission Plants, Leptokarya Pieria, 20-22.06.2005

Skodras G., Prokopidou M. and Sakellaropoulos G.P., Toxicity behaviour of leachates from coal-biomass co-combustion ashes, Proceedings of 12th International Symposium on Toxicity Assessment, 176, Skiathos, Greece, 12-17.06.2005.

Skodras G., Stavropoulos G.G., Diamantopoulou Ir. and Sakellaropoulos G.P., High Activity Carbon Sorbents for Mercury Capture, International Symposium Moving Towards Zero Emission Plants, Leptokarya, Pieria, Greece, 20-22.06.2005

Stavropoulos G.G. and Sakellaropoulos G.P., Hydrogen storage capacity of activated carbons in relation to Nitrogen adsorption, Proc. 2nd National Conf. On Hydrogen Technologies, Thessaloniki, Greece, 20-21.10.2005

Stavropoulos G.G., Samaras P. and Sakellaropoulos G.P., Activated carbons modification by oxidation, Proc. 2nd Panhellenic Symp. Porous Materials, Athens, Greece, 29-30.09.2005

Topis S., Koutsonikolas D., Skodras G., Kaldis S. and Sakellaropoulos G.P., Gas pollutant cleaning by a membrane reactor, International Symposium, Moving Towards Zero Emission Plants, Leptokarya, Greece, 20-22.06.2005

Tsakalof Andreas, Manoudis Panagiotis, Ioannis Karapanagiotis, Ioannis Chryssoulakis and Costas Panayiotou, "EVALUATION OF THE PROTECTIVE EFFICACY OF SYNTHETIC ORGANIC COATINGS APPLIED ON STONE MONUMENTS", EUROPEAN MATERIALS RESEARCH SOCIETY 2005 Spring Meeting, May 31 – June 3 2005, Strasbourg, France.

Tsakalof Andreas, Manoudis Panagiotis, Karapanagiotis Ioannis, Chryssoulakis Ioannis and Panayiotou Costas, EVALUATION OF THE PROTECTIVE EFFICACY OF SYNTHETIC ORGANIC COATINGS APPLIED ON STONE MONUMENTS, EUROPEAN MATERIALS RESEARCH SOCIETY 2005 Spring Meeting, –, Strasbourg, France, 31.05-3.06.2005.

Vagia E., Piskova H., Lemonidou A.A., Vasalos I.A., Thermodynamic and experimental study of H₂ production from bio-oil components via steam reforming, 7th European Congress in Catalysis, EUROPACAT VII, Sofia, Bulgaria, August 2005.

Vamvakaki M., Palioura D., Spyros A. and Anastasiadis S.H., pH-responsive Polymer Materials and the Synthesis of Metallic Nanocrystals, 5th Panhellenic Chemical Engineering Scientific Conference Proceedings, p.629, 2005.

Ασημοπούλου Α.Ν., Σικαλίδης Κ., Κοντογιαννόπουλος Κ.Ν., Κηπουρίδου Κ., Παπαγεωργίου Β.Π., Εγκλεισμός της φαρμακευτικής ουσίας σικονίνης σε κλινοππιλόλιθο, 5ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Τμήματα Χημικών Μηχανικών, Θεσσαλονίκη, 26-28.05.2005.

Βάγια Αικ., Λεμονίδου Α.Α., Βασάλος Ι.Α., Ενεργότητα καταλυτών νικελίου και ευγενών μετάλλων στην αναμόρφωση του οξικού οξέος με ατμό, Πρακτικά 2ου Εθνικού Συνεδρίου Τεχνολογιών Υδρογόνου, Θεσσαλονίκη, 20-21.10.2005.

Γεωργούδης Κ. και Στοφόρος Ν.Γ., Υπολογισμός ποιοτικής υποβάθμισης κονσερβοποιημένων τροφίμων: Προσδιορισμός ποιοτικά ισοδύναμων σημείων σε προϊόντα που θερμαίνονται με αγωγή, 5ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Θεσσαλονίκη, 26-28.05.2005, Πρακτικά, σελ. 805-808, Εκδόσεις ΤΖΙΟΛΑ, Θεσσαλονίκη.

Γεωργούδης, Κ., και Στοφόρος, Ν.Γ. Υπολογισμός ποιοτικής υποβάθμισης κονσερβοποιημένων τροφίμων: Προσδιορισμός ποιοτικά ισοδύναμων σημείων σε προϊόντα που θερμαίνονται με αγωγή. 5ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Θεσσαλονίκη, 26 – 28 Μαΐου 2005, Πρακτικά, σελ. 805-808, Εκδόσεις ΤΖΙΟΛΑ, Θεσσαλονίκη.

Γκουδούλας Θ., Καστρινάκης Ε., Νυχάς Σ., 2005, Προσομοίωση ρεολογικής συμπεριφοράς πυκνών αιωρημάτων λιγνίτη-νερού, Πρακτικά 5ου Πανελληνίου Επιστημονικού Συνεδρίου Χημικής Μηχανικής, 793-796.

Ηρακλέους Ε., Λεμονίδου Α.Α., Καινοτόμα καταλυτικά υλικά Ni-Nb-ο για την παραγωγή αιθυλενίου, Πρακτικά 5ο Πανελληνίου Επιστημονικού Συνεδρίου Χημ. Μηχανικής, Θεσσαλονίκη, 1101-1104, Μάιος 2005.

Κατσαρός Γ., Μπουλέκου Σ., Νασόπουλος Κ., Καταπόδης Π., Πολύδερα Α., Κέκος Δ., Γαλιατσάτου Π., Στοφόρος Ν.Γ. και Ταούκης Π.Σ., Επίδραση της υπερυψηλής υδροστατικής πίεσης σε πηκτινάσες και κυστεϊνικές πρωτεάσες φρούτων και λαχανικών, 5ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Θεσσαλονίκη, 26-28.05.2005, Πρακτικά, σελ. 1173-1176, Εκδόσεις ΤΖΙΟΛΑ, Θεσσαλονίκη.

Κατσαρός, Γ., Μπουλέκου, Σ., Νασόπουλος, Κ., Καταπόδης, Π., Πολύδερα, Α., Κέκος, Δ., Γαλιατσάτου, Π., Στοφόρος, Ν.Γ. και Ταούκης, Π.Σ. Επίδραση της υπερυψηλής υδροστατικής πίεσης σε πηκτινάσες και κυστεϊνικές πρωτεάσες φρούτων και λαχανικών. 5ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Θεσσαλονίκη, 26 – 28 Μαΐου 2005, Πρακτικά, σελ. 1173-1176, Εκδόσεις ΤΖΙΟΛΑ, Θεσσαλονίκη.

Κεχαγιόπουλος Π.Ν., Βουτετάκης Σ.Σ., Λεμονίδου Α.Α., Βασάλος Ι.Α., Παραγωγή υδρογόνου μέσω ατμοαναμόρφωσης της υδατικής φάσης των

βιοελαίων σε αντιδραστήρα σταθερής κλίνης, Πρακτικά 2ου Εθνικού Συνεδρίου Τεχνολογιών Υδρογόνου, Θεσσαλονίκη, 20-21.10.2005.

Μάχλη Μ., Παπαζήση Κ.Μ., Λεμονίδου Α.Α., Επίδραση της μεθόδου παρασκευής του καταλύτη V2O5-MgO/TiO2 στην αποτελεσματικότητα του για την εκλεκτική οξειδωση του προπανίου Πρακτικά 5ου Πανελληνίου Επιστημονικού Συνεδρίου Χημ. Μηχανικής, Θεσσαλονίκη, 1217-1220, Μάιος 2005.

Μωυσίδης Χ.Τ., Καστρινάκης Ε.Γ., Νυχάς Σ.Γ., 2005, Τοπική συγκράτηση και χαρακτηριστικές συχνότητες της διφασικής ροής ανυψωτικής αεραντλίας, Πρακτικά 5ου Πανελληνίου Επιστημονικού Συνεδρίου Χημικής Μηχανικής, 933-936.

Ρούμπας Γ., Καστρινάκης Ε.Γ., Νυχάς Σ.Γ., 2005, Μελέτη συμπαρασυρμού σε ομοαξονικές Φλέβες (Jets) αέρα με χρήση βαθμωτού μεγέθους, Πρακτικά 5ου Πανελληνίου Επιστημονικού Συνεδρίου Χημικής Μηχανικής, 781-784.

Σαρηγιάννης Ιωάννης, Φωτεινόπουλος Γεώργιος, Σταυρόπουλος Γεώργιος, Λιακοπούλου-Κυριακίδου Μαρία και Μακρής Παντελής, Συνθεση και αντιθρομβωτική δράση κυκλικών RGD πεπτιδίων με ενσωματωμένα παραγωγα σαλικυλικού οξέος 20ο ΠΑΝΕΛΛΗΝΙΟ ΣΥΝΕΔΡΙΟ ΧΗΜΕΙΑΣ, Ιωάννινα, 20-23.09.2005

Σικαλίδης Κ., Ασημοπούλου Α., Καρναπάτη Α., Παπαγεωργίου Β., Παρασκευή συστημάτων εγκλεισμού και τοπικής αποδέσμευσης σικονίνης με βάση τον πορώδη υδροξυαπατίτη – Συμπεριφορά τους έναντι της προσρόφησης και εκρόφησης σικονίνης, 5ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Τμήματα Χημικών Μηχανικών ΑΠΘ, ΕΜΠ, ΠΠ, ΙΤΧΗΔ/ΕΚΕΤΑ, ΕΙΧΗΜΥΘ/ΙΤΕ, ΠΣΧΜ, ΤΕΕ, Θεσσαλονίκη, 26-28.05.2005.

Σκόδρας Γ., Διαμαντοπούλου Ειρ., και Σακελλαρόπουλος Γ.Π., Ρόφηση υδραργύρου σε ενεργούς άνθρακες προερχόμενους από λιγνίτη Πτολεμαΐδας, 5ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Θεσσαλονίκη, 26-28.05.2005.

Ταούκης Π.Σ., Μπακάλης Σ., Γιαννακούρου Μ., Γώγου Ε., Καταπόδης Π., Ευσταθίου Δ. και Στοφόρος Ν.Γ., 2005, Μελέτη και εφαρμογή ενζύμων ως χρονοθερμοκρασιακών δεικτών θερμικών διεργασιών τροφίμων. 1ο Πανελλήνιο Συνέδριο: Βιοτεχνολογία και Τεχνολογία Τροφίμων, Αθήνα, 31.03-2.04.2005.

Ταούκης, Π.Σ., Μπακάλης, Σ., Γιαννακούρου, Μ., Γώγου, Ε., Καταπόδης, Π., Ευσταθίου, Δ. και Στοφόρος, Ν.Γ., 2005. Μελέτη και εφαρμογή ενζύμων ως χρονοθερμοκρασιακών δεικτών θερμικών διεργασιών τροφίμων. 1ο Πανελλήνιο Συνέδριο: Βιοτεχνολογία και Τεχνολογία Τροφίμων, Αθήνα, 31 Μαρτίου – 2 Απριλίου 2005.

Τσιβιντζέλης Ι., Μαρράς Σ.Ι., Ζουμπουρτικούδης Ι., Παυλίδου Ε., Παναγιώτου Κ., Παραγωγή νανοσύνθετων πορωδών υλικών για βιοιατρικές εφαρμογές, 2ο Συνέδριο Πλαστικών, Αθήνα, CD-Rom edition, 2005.

Τσιβιντζέλης, Σ.Ι. Μαρράς, Ι. Ζουμπουρτικούδης, Ε. Παυλίδου, Κ. Παναγιώτου, Παραγωγή νανοσύνθετων πορωδών υλικών για βιοιατρικές εφαρμογές, 2ο Συνέδριο Πλαστικών, Αθήνα 2005, CD-Rom edition.

Τσιρίδης Β., Σαμαράς Π., Κούγκολος Α. και Σακελλαρόπουλος Γ.Π., Χαρακτηρισμός Στερεών Αποβλήτων με Εφαρμογή Φυσικοχημικών και Οικοτοξικολογικών Αναλύσεων, 5η Διεθνής Έκθεση και Συνέδριο για την Τεχνολογία Περιβάλλοντος, Τεχνικό Επιμελητήριο Ελλάδος, Heleco '05, Αθήνα, 3-6.02.2005.

Τσιρίδης Β., Τεκίρδαλης Γ., Κούγκολος Α., Σαμαράς Π., Παπαδημητρίου Χ., Χατζησπύρου Σ. και Σακελλαρόπουλος Γ.Π., Προσδιορισμός της επίδρασης βαρέων μετάλλων στο *V. fischeri* παρουσία χουμικών οξέων, 5ο Εθνικό Συνέδριο Ελληνικής Επιτροπής Διαχείρισης Υδατικών Πόρων (ΕΕΔΥΠ): Ολοκληρωμένη Διαχείριση Υδατικών Πόρων με Βάση τη Λεκάνη Απορροής, Ξάνθη, 6-9.04.2005.

Τυροβούζης Ν.Α., Αγγελίδης Α.Σ. και Στοφόρος Ν.Γ., Εφαρμογή μαθηματικών μοντέλων για την περιγραφή της ανάπτυξης της *Listeria monocytogenes* σε ορό γάλακτος υπό ψύξη. 5ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Θεσσαλονίκη, 26-28.05.2005, Πρακτικά, σελ. 801-804, Εκδόσεις ΤΖΙΟΛΑ, Θεσσαλονίκη.

Τυροβούζης, Ν.Α., Αγγελίδης, Α.Σ. και Στοφόρος, Ν.Γ. Εφαρμογή μαθηματικών μοντέλων για την περιγραφή της ανάπτυξης της *Listeria monocytogenes* σε ορό γάλακτος υπό ψύξη. 5ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Θεσσαλονίκη, 26 – 28 Μαΐου 2005, Πρακτικά, σελ. 801-804, Εκδόσεις ΤΖΙΟΛΑ, Θεσσαλονίκη.

2006

A. Stasinopoulos, E. Tsagarakis, Das R.N., Giannelis E.P., Anastasiadis S.H. and Anglos D., The phenomenon of Random Lasing from Nanohybrids of Zinc Oxide Films, XXII Panhellenic Conference on Solid State Physics and Materials Science Proceedings, p.XXX, 2006.

Bitsanis I.A., Rissanou A.N. and Anastasiadis S.H., A Monte Carlo Study of the Coil-to-Globule Transition of a Model Polymeric System, 6th Panhellenic Polymer Conference Proceedings, p.263, 2006.

Boulekou S.S., Katsaros G.J., Stoforos N.G., Mallidis K. and Taoukis P.S., Effect of high pressure on quality parameters of Cherry tomato juice, 10th ISHS Symposium on the Processing Tomato during the 7th World Congress on the Processing Tomato, Tunis, Tunisia, 6-8.06.2006.

Boulekou S.S., Katsaros G.J., Stoforos N.G., Mallidis K., and Taoukis P.S. Effect of high pressure on quality parameters of Cherry tomato juice. Presented at the 10th ISHS Symposium on the Processing Tomato during the 7th World Congress on the Processing Tomato, Tunis, Tunisia, June 6-8, 2006.

Chrissopoulou K., Altintzi I., Andrianaki I., Pitsikalis M., Hadjichristidis N. and Anastasiadis S.H., Understanding the Interactions in Polymer / Layered Silicate Nanocomposites, 6th Panhellenic Polymer Conference Proceedings, p.82, 2006.

E Heracleous, A. Delimitis, L. Nalbantian, A.A. Lemonidou, HRTEM characterization of the nanostructural features formed in highly active Ni-Nb-O catalysts for ethane ODH, Proc. 2nd Concorde Conference, Thessaloniki, 25-28.01.2006.

Elmahdy M.M., Chrissopoulou K., Afratis A., Floudas G. and Anastasiadis S.H., Effect of Confinement on Polymer Segmental Motion and Ion Mobility in PEO/Layered-Silicate Nanocomposites, 6th Panhellenic Polymer Conference Proceedings, p.215, 2006.

Elmahdy M.M., Chrissopoulou K., Afratis A., Floudas G. and Anastasiadis S.H., Effect of confinement on polymer segmental motion and ion mobility in PEO/layered-silicate nanocomposites, XXII Panhellenic Conference on Solid State Physics and Materials Science Proceedings, p.XXX, 2006.

Heracleous E., Lemonidou A.A., Transient isotopic measurements and kinetic studies of ethane oxidative dehydrogenation over Ni-Nb-O mixed oxide catalysts, Proceedings International Symposium on Chemical Reaction Engineering ISCRE 19, Berlin Germany, 2006.

Heracleous E., Lemonidou A.A., Vasalos I.A., Kinetic modeling of ethane oxidative dehydrogenation over Ni-Nb-O mixed oxide catalysts, XVII International Conference on Chemical Reactors, Athens, May 2006.

Karakoulia S., Triantafyllidis K.S., Lemonidou A.A., Oxidative dehydrogenation of propane and ethane over vanadium catalysts supported on mesoporous materials, EFCATS School, S. Petersburg, Sept. 2006.

Kechagiopoulos P.N., Voutetakis S.S., Lemonidou A.A., Iordanidis A.A., Vasalos I.A., Steam Reforming of Bio-oil in a Fixed Bed Reactor for the Production of Hydrogen, XVII International Conference on Chemical Reactors, Athens, May 2006

Kladi K., Tsivintzelis I., J.L. Philippou, C. Panayiotou, Electrospinning of Biodegradable Polymer nanofibers, in Proceedings of the 3rd Workshop on Nanosciences and Nanotechnologies, Thessaloniki, Greece, 2006, 77.

Kladi K., Tsivintzelis I., Philippou J.L., Panayiotou C., Electrospinning of Biodegradable Polymer nanofibers, in Proceedings of the 3rd Workshop on Nanosciences and Nanotechnologies, 77, Thessaloniki, Greece, 2006.

Koutsonikolas D., Topis S., Skodras G., Kaldis S. and Sakellaropoulos G.P., Catalytic membrane reactor for NH₃ decomposition from coal gasification streams, 6th European Conference on Coal Research and its Applications, Kent-England, 5-7.09.2006.

- Manoudis P., Karapanagiotis I., A. Tsakalof , I. Zuburtikudis and C. Panayiotou, Hydrophobicity of thin polymer films enhanced by silica nanoparticles, XXII Πανελλήνιο Συνέδριο Φυσικής Στερεάς Κατάστασης & Επιστήμης Υλικών, Πάτρα, 24-27 Σεπτεμβρίου 2006, 96.
- Manoudis P., Papadopoulou S., I. Karapanagiotis, A. Tsakalof , I. Zuburtikudis and C. Panayiotou, Polymer-Silica nanoparticles composite films as protective coatings for stone-based monuments, International Conference on Nanoscience and Technology, Basel/Switzerland, July 30-August 4, 2006, 1140.
- Manoudis P., Papadopoulou S., Karapanagiotis I., Tsakalof A., Zuburtikudis I. and Panayiotou C., Polymer-Silica nanoparticles composite films as protective coatings for stone-based monuments, International Conference on Nanoscience and Technology, 1140, Basel/Switzerland, 30.07-4.08.2006.
- Marras S., Tsivintzelis I., E. Pavlidou, I. Zuburtikudis, C. Panayiotou, Morphology and Thermal Behaviour of Poly(L-Lactic Acid) Nanocomposite Scaffolds, in Proceedings of the 3rd Workshop on Nanosciences and Nanotechnologies, Thessaloniki, Greece, 2006, 98.
- Marras S., Tsivintzelis I., Pavlidou E., Zuburtikudis I., Panayiotou C., Morphology and Thermal Behaviour of Poly(L-Lactic Acid) Nanocomposite Scaffolds, in Proceedings of the 3rd Workshop on Nanosciences and Nanotechnologies, 98, Thessaloniki, Greece, 2006.
- Marras S.I., Tsimpliaraki A., I. Zuburtikudis, C. Panayiotou, "Morphology and Thermal Behavior of Polymer Layered Silicate Nanocomposites", in Book of Abstracts of International Conference on Nanoscience and Technology, Basel/Switzerland, 30/7-4/8/2006, 305.
- Marras S.I., Tsimpliaraki A., Zuburtikudis I., Panayiotou C., Morphology and Thermal Behavior of Polymer Layered Silicate Nanocomposites, in Book of Abstracts of International Conference on Nanoscience and Technology, 305, Basel/Switzerland, 30.07-4.08.2006.
- Marras S.I., Zuburtikudis I., C. Panayiotou, "A comparison between the thermomechanical properties of poly(L-lactic acid)/montmorillonite nanocomposites and those of the corresponding conventional composites", Proceedings of 6th Hellenic Conference on Polymers, Patra, Greece, November 3-5, 2006, 293-295.
- Marras S.I., Zuburtikudis I., Panayiotou C., A comparison between the thermomechanical properties of poly(L-lactic acid)/montmorillonite nanocomposites and those of the corresponding conventional composites, Proceedings of 6th Hellenic Conference on Polymers, 293-295, Patra, Greece, 3-5.11.2006.
- Marras S.I., Zuburtikudis I., S. Kokkou and C. Panayiotou Influence of Nanostructure on the Thermo-Mechanical Response of Poly(L-lactic acid)

Clay Nanocomposites in Proceedings of the 3rd Workshop Nanosciences & Nanotechnologies, Thessaloniki, 10-12/7/2006, 102.

Marras S.I., Zuburtikudis I., S. Kokkou and Panayiotou C. Influence of Nanostructure on the Thermo-Mechanical Response of Poly(L-lactic acid) Clay Nanocomposites in Proceedings of the 3rd Workshop Nanosciences & Nanotechnologies, 102, Thessaloniki, 10-12.07.2006.

Panayiotou C., From Supercritical Fluids to Polymeric Glasses: A Unified Approach. ThermoInternational 2006, Boulder, Co., USA, Invited, 30.07-4.08.2006.

Panayiotou C., From Supercritical Fluids to Polymeric Glasses: A Unified Approach. ThermoInternational" 2006, Boulder, Co., USA, July 30-August 4, 2006, Invited.

Pavlopoulou E., Karagianni K., Chrissopoulou K. and Anastasiadis S.H., Micellization in Block Copolymer / Homopolymer Systems, 6th Panhellenic Polymer Conference Proceedings, p.233, 2006.

Sarigiannis Yiannis, Ntellos Fotios, Stavropoulos George, Liakopoulou – Kyriakidou Maria and Makris Pantelis, Synthesis of linear and cyclic non RGD peptides containing η -salicylic acid and their antiplatelet activity in vitro 7th Conference Medicinal Chemistry: Drug Design and Development, Patras, Greece, P32 (106), 8-11.03.2006.

Skodras G., Grammelis P., Basinas P., Kaldis S., Sakellaropoulos G.P., Kinetics of MBM devolatilisation, 17th International Congress of Chemical and Process Engineering CHISA, Prague, 27-31.08.2006.

Skodras G., Grammelis P., Basinas P., Sakellaropoulos G.P., Pyrolysis kinetics and combustion characteristics of waste recovered fuels, 6th European Conference on Coal Research and its Applications, Kent-England, 5-7.09.2006.

Skodras G., Someus E., Grammelis P., Palladas A., Amarantos P.S., Basinas P., Natas P., Prokopidou M., Diamantopoulou I. and Sakellaropoulos G.P., Combustion and Environmental Performance of Clean Coal End products, The Second International Green Energy Conference (IGEC-2), Oshawa, Ontario, Canada, 25-29.06.2006.

Tsvintzelis I., Marras S.I., I. Zoumpourtikoudis, C. Panayiotou, Preparation of Porous Structures of Nanocomposite Biodegradable Polymeric Materials, in Book of Abstracts of XXII Panhellenic Solid State Physics and Material Science Conference, Patra, Greece, 2006, 181.

Tsvintzelis I., Marras S.I., Zoumpourtikoudis I., Panayiotou C., Preparation of Porous Structures of Nanocomposite Biodegradable Polymeric Materials, in Book of Abstracts of XXII Panhellenic Solid State Physics and Material Science Conference, 181, Patra, Greece, 2006.

Vagia E., Lemonidou A.A., Ni and Rh supported on CeO₂ – ZrO₂ materials as effective catalysts for hydrogen production via acetic acid steam reforming, EFCATS School, S. Petersburg, Sept. 2006.

Valla V, Kojic V, Bogdanovic G, Bakola-Christianopoulou M. XIXth International Symposium on Medicinal Chemistry. August 29-September 2, 2006 Istanbul, Turkey. In Vitro Cytotoxic Evaluation of New triorganotin derivatives of hydroxy-anthraquinones and naphthoquinones. Book of Abstracts: P64, p.79

Valla V., Christianopoulou M., Structural Investigation and in vitro antitumor profile of a new cis-platin analogue of 4-OH-androstenedione, EACR-19, 19th European meeting for Cancer Research, Budapest, Hungary, P102, 84, 1-4.07.2006.

Valla V., Gouletsas C., Christianopoulou M., ICAS 2006, Spectral study of the repeatability of cotton fabric dyes with mono- and di- recative colours, International Congress on Analytical Sciences, Moscow, Russia, 3-P147, 458, 25-30.06.2006.

Vamvakaki M., Palioura D., Armes S.P., Anastasiadis S.H., Metal Nanocrystals Incorporated within pH-Responsive Microgel Particles, 6th Panhellenic Polymer Conference Proceedings, p.190, 2006.

Αγναντοπούλου Ε.Δ., Τσέρκη Β., Μαρράς Σ.Ι., Φιλίππου Ι., Παναγιώτου Κ., Ανάπτυξη βιοαποικοδομήσιμων σύνθετων υλικών από μικροσωματίδια ξύλου σε μήτρα πλαστικοποιημένου αμύλου, XXII Πανελλήνιο Συνέδριο Φυσικής Στερεάς Κατάστασης & Επιστήμης Υλικών, Πάτρα, 2006.

Αγναντοπούλου Ε.Δ., Τσέρκη Β., Σ.Ι. Μαρράς, Ι. Φιλίππου, Κ. Παναγιώτου, Ανάπτυξη βιοαποικοδομήσιμων σύνθετων υλικών από μικροσωματίδια ξύλου σε μήτρα πλαστικοποιημένου αμύλου, XXII Πανελλήνιο Συνέδριο Φυσικής Στερεάς Κατάστασης & Επιστήμης Υλικών, Πάτρα 2006.

Βάγια Αικ. Λεμονίδου Α.Α., Βασάλος Ι.Α., Μελέτη της επίδρασης καταλυτών νικελίου και Ροδίου σε φορέα CeO₂-ZrO₂ στην αναμόρφωση του οξικού οξέος με ατμό, 9ο Πανελλήνιο Συνέδριο Κατάλυσης, Λευκάδα, 6-7.10.2006.

Κλάδη Κ., Τσιβιντζέλης Ι., Μαρράς Σ.Ι., Ζουμπουρτικούδης Ι. και Παναγιώτου Κ., Παραγωγή Ινωδών Δομών Νανοσύνθετων Βιοαποικοδομήσιμων Πολυμερών με τη Μέθοδο της Ηλεκτροστατικής Ινοποίησης, 1η Διημερίδα Ελληνικής Εταιρίας Βιοϋλικών με θέμα Τα Βιοϋλικά Σήμερα, Αθήνα, 7-8.10.2006.

Κλάδη Κ., Τσιβιντζέλης Ι., Σ.Ι. Μαρράς, Ι. Ζουμπουρτικούδης και Κ. Παναγιώτου, Παραγωγή Ινωδών Δομών Νανοσύνθετων Βιοαποικοδομήσιμων Πολυμερών με τη Μέθοδο της Ηλεκτροστατικής Ινοποίησης, 1η Διημερίδα Ελληνικής Εταιρίας Βιοϋλικών με θέμα "Τα Βιοϋλικά Σήμερα, Αθήνα, 7-8/10/2006.

Μαρράς Σ. Ι., Ζουμπουρτικούδης Ι., Α.Τ. Τσιμπλιαράκη, Κ. Παναγιώτου, Επίδραση του βαθμού τροποποίησης φυλλόμορφων ορυκτών στη δομή και τις θερμομηχανικές ιδιότητες νανοσύνθετων υλικών με πολυ(γαλακτικό οξύ), XXII Πανελλήνιο Συνέδριο Φυσικής Στερεάς Κατάστασης & Επιστήμης Υλικών, Πάτρα 2006.

Μαρράς Σ. Ι., Ζουμπουρτικούδης Ι., Κ. Παναγιώτου, Σύνθεση και Χαρακτηρισμός Νέων Βιοαποικοδομήσιμων και Βιοσυμβατών Πολυμερικών Υλικών με Πολυστρωματικά Πυριτιούχα Ορυκτά, 1η Διημερίδα Ελληνικής Εταιρίας Βιοϋλικών με θέμα "Τα Βιοϋλικά Σήμερα", Αθήνα, 7-8/10/2006.

Μαρράς Σ.Ι., Ζουμπουρτικούδης Ι., Παναγιώτου Κ., Σύνθεση και Χαρακτηρισμός Νέων Βιοαποικοδομήσιμων και Βιοσυμβατών Πολυμερικών Υλικών με Πολυστρωματικά Πυριτιούχα Ορυκτά, 1η Διημερίδα Ελληνικής Εταιρίας Βιοϋλικών με θέμα Τα Βιοϋλικά Σήμερα, Αθήνα, 7-8.10.2006.

Σ. Ι. Μαρράς, Ζουμπουρτικούδης Ι., Τσιμπλιαράκη Α.Τ., Παναγιώτου Κ., Επίδραση του βαθμού τροποποίησης φυλλόμορφων ορυκτών στη δομή και τις θερμομηχανικές ιδιότητες νανοσύνθετων υλικών με πολυ(γαλακτικό οξύ), XXII Πανελλήνιο Συνέδριο Φυσικής Στερεάς Κατάστασης & Επιστήμης Υλικών, Πάτρα, 2006.

Τσιβιντζέλης Ι., Μαρράς Σ.Ι., Ζουμπουρτικούδης Ι. και Παναγιώτου Κ., Παραγωγή Νανοσύνθετων Κυψελωτών Δομών για Βιοϊατρικές Εφαρμογές, 1η Διημερίδα Ελληνικής Εταιρίας Βιοϋλικών με θέμα Τα Βιοϋλικά Σήμερα, Αθήνα, 7-8.10.2006.

Τσιβιντζέλης Ι., Μαρράς Σ.Ι., Ι. Ζουμπουρτικούδης και Κ. Παναγιώτου, Παραγωγή Νανοσύνθετων Κυψελωτών Δομών για Βιοϊατρικές Εφαρμογές, 1η Διημερίδα Ελληνικής Εταιρίας Βιοϋλικών με θέμα "Τα Βιοϋλικά Σήμερα", Αθήνα, 7-8/10/2006.

Τσιβιντζέλης, Σ.Ι. Μαρράς, Ι. Ζουμπουρτικούδης, Κ. Παναγιώτου, Παραγωγή Πορωδών Δομών Νανοσύνθετων Βιοαποικοδομήσιμων Πολυμερικών Υλικών, XXII Πανελλήνιο Συνέδριο Φυσικής Στερεάς Κατάστασης & Επιστήμης Υλικών, Πάτρα 2006, βιβλίο περιλήψεων, 181.

Τσιβιντζέλης, Σ.Ι. Μαρράς, Ζουμπουρτικούδης Ι., Παναγιώτου Κ., Παραγωγή Πορωδών Δομών Νανοσύνθετων Βιοαποικοδομήσιμων Πολυμερικών Υλικών, XXII Πανελλήνιο Συνέδριο Φυσικής Στερεάς Κατάστασης & Επιστήμης Υλικών, βιβλίο περιλήψεων, 181, Πάτρα, 2006.

Άλλες δημοσιεύσεις

2001

Polydera A., Stoforos N.G. and Taoukis P.S., A comparative study of the effect of thermal and high hydrostatic pressure processing on nutritional aspects of fruit juices, Paper No. 7.A3.014, 17th International Congress of Nutrition, Vienna, Austria, August 26-31, 2001.

Polydera, A., Stoforos, N.G., and Taoukis P.S. A comparative study of the effect of thermal and high hydrostatic pressure processing on nutritional aspects of fruit juices. Paper No. 7.A3.014, 17th International Congress of Nutrition, Vienna, Austria, August 26-31, 2001.

Μήτρακας Μ., Στοιλίδου Μ., Συμεωνίδης Κ., Τερζίδης Χ., 2001, Διερεύνηση της Δυνατότητας Οζονισμού του Επιτραπέζιου Νερού ΥΔΩΡ Σουρωτής χωρίς τη Δημιουργία Βρωμικών Ιόντων, των Ερευνών Ανάλεκτα, 2, 34-39, Απρίλιος.

Συμεωνίδης Κ., Τερζίδης Χ., Μήτρακας Μ., 2001, Απολύμανση του Πόσιμου Νερού με Όζον, Δελτίο Πανελληνίου Συλλόγου Χημικών Μηχανικών, 149, 21-26, Νοέμβριος, Δεκέμβριος.

2002

Kalogiannis S., Iakovidou G., Liakopoulou-Kyriakides M., Kyriakidis D. and Skarakis G.N., 2002, Optimization of xanthan gum production by *Xanthomonas campestris* grown in molasses, 54th Meeting of the Hellenic society of Biochemistry and Molecular Biology, Vol.49, 120-126.

Konsoula Z., Tzanetaki E. and Liakopoulou-Kyriakides M., 2002, Production and properties of a thermostable amylase from a moderate thermophilic *Bacillus subtilis*, 54th Meeting of the Hellenic society of Biochemistry and Molecular Biology, Vol.49, 144-148.

Polydera A., Stoforos N.G. and Taoukis P.S., Kinetic studies of storage effect on nutritional parameters of high pressure processed reconstituted orange juice, Paper No. 55-6, Institute of Food Technologists Annual Meeting, Anaheim, CA, USA, June 15-19, 2002.

Polydera, A., Stoforos, N.G., and Taoukis P.S. Kinetic studies of storage effect on nutritional parameters of high pressure processed reconstituted orange juice. Paper No. 55-6, Institute of Food Technologists Annual Meeting, Anaheim, CA, USA, June 15-19, 2002.

Sarigiannis Y., Stavropoulos G. and Liakopoulou-Kyriakides M., 2002, Synthesis of RGD analogs incorporating Salicylic-Derivatives and Study of their Effect on Human Platelet Aggregation in vitro, 3rd Hellenic Forum On Bioactive Peptides, Patras.

Taoukis P.S., Efstathiou D., and Stoforos N.G., Development of a prototype Time-Temperature Integrator (TTI) based on a thermostable xylanase for thermal process evaluation, Paper No. 58-11, Institute of Food Technologists Annual Meeting, Anaheim, CA, USA, June 15-19, 2002.

Taoukis P.S., Efstathiou, D., and Stoforos, N.G. Development of a prototype Time-Temperature Integrator (TTI) based on a thermostable xylanase for thermal process evaluation. Paper No. 58-11, Institute of Food Technologists Annual Meeting, Anaheim, CA, USA, June 15-19, 2002.

2003

Chrissopoulou K., Karatasos K., Anastasiadis S.H., Giannelis E.P., and Frick B., 2003, 4th Panhellenic Chemical Engineering Scientific Conference Proceedings, Patras, 341.

Chrissopoulou K., Karatasos K., Anastasiadis S.H., Giannelis E.P., and Frick B., 2003, 4th Panhellenic Chemical Engineering Scientific Conference Proceedings, Patras, 81.

Konsoula Z. and Liakopoulou-Kyriakides M., 2003, Effect of various organic substrates on the production of α -amylase and β -galactosidase by *Bacillus subtilis*, 55th Meeting of the Hellenic society of Biochemistry and Molecular Biology, Vol.50, 316-320.

Konsoula Z. and Liakopoulou-Kyriakides M., 2003, α -amylase production from *Bacillus* species and enzymic degradation of various starchy substrates, 3rd Chemical Engineering Conference for Collaborative Research in Eastern Mediterranean, Thessaloniki, Greece, May 13-15.

Psomas S.K., Patsialas K. and Liakopoulou-Kyriakides M., 2003, Xanthan Gum Production from Tobacco Extracts by *X. campestris* w.t, 3rd Chemical Engineering Conference for Collaborative Research in Eastern Mediterranean, Thessaloniki, Greece, May 13-15.

Κόνσουλα Ζ. και Λιακοπούλου-Κυριακίδου Μ., 2003, Παραγωγή θερμοσταθερών αμυλολυτικών ενζύμων από βακίλλους, 4ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Πάτρα, 1177-1180.

Μήτρακας Μ., Τσακανίκα Φ., 2003, Απομάκρυνση Fe^{2+} και Mn^{2+} από το Νερό, Δελτίο Πανελληνίου Συλλόγου Χημικών Μηχανικών, 155, 22-36, Ιανουάριος.

2004

Chrissopoulou K., Karatasos K., Anastasiadis S.H., Giannelis E.P., and Frick B., 2004, Dynamics in Intercalated Polymer-Clay Nanocomposites, 11th European Conference on Composite Materials May 31 - June 3, 2004 Rhodes, Greece (Conference Proceedings, Vol 1/2 , 81)

Konsoula Z. and Liakopoulou-Kyriakides M., 2004, Comparative study of starch hydrolysis by free or immobilized α -amylase produced by *Bacillus subtilis* in aqueous two phase systems 29th Meeting of the Federation of the

European Biochemical Societies, Warsaw 2004, European Journal of Biochemistry Vol.271, Supplement 1, Abstract Number:P3.2-36.

Konsoula Z., Liakopoulou-Kyriakides M., Perysinakis A., Chira P., Afendra A.S., Drainas C. and Kyriakidis D.A., 2004, Co-production of α -amylase and xanthan gum by *Xanthomonas campestris*, 56th Meeting of the Hellenic society of Biochemistry and Molecular Biology, Vol.51, p. 71.

Liakopoulou-Kyriakides M., Psomas S.K. and Kyriakidis K.D., 2004, Characterization of xanthan gum produced by *Xanthomonas campestris* in synthetic and chemically defined media 16th International Congress of Chemical and Process Engineering, CHISA, vol. 5, 2087.

Sarigiannis Y., Stavropoulos G., Liakopoulou-Kyriakides M. and Makris P.E., 2004, RGD Peptides Containing Salicylic Acid Derivatives with Antiplatelet Activity in vitro, 4th Hellenic Forum On Bioactive Peptides, Patras.

Sarigiannis Y., Stavropoulos G., Liakopoulou-Kyriakides M. and Makris P.E., 2004, Small Linear and Cyclic RGD Peptides Containing Salicylic Acid Derivatives and their Antiplatelet Activity in vitro, Peptides, Proceedings of the 28th EPS, p. 680-681.

Ziagova M., Aslanidou D., Papaioannou X., Dimitriadou E. and M.Liakopoulou-Kyriakides, 2004, Biosorption of Cr(IV) using bacterial biomass 16th International Congress of Chemical and Process Engineering, CHISA, vol. 5, 1720.

Μήτρακας Μ., Μπουγιουκλής Ι., Στοιλίδου Μ., 2004, Απομάκρυνση του Αρσενικού από το Νερό με Χημική Ιζηματοποίηση, Δελτίο Πανελληνίου Συλλόγου Χημικών Μηχανικών, 161, 16-22, Ιανουάριος – Φεβρουάριος.

2005

Karatasos K., 2005, 5th Panhellenic Chemical Engineering Scientific Conference Proceedings, Thessaloniki, 285.

Karatasos K., 2005, HPC-EUROPA Science and Supercomputing in Europe, 2005, 719.

Konsoula Z., Liakopoulou-Kyriakides M., α -Amylase production in aqueous two-phase systems by *Bacillus subtilis*, 30th FEBS Congress – 9th IUBMB Conference, Budapest 2005, FEBS Journal vol. 272 (s1) Abstract number: L1-024P.

Ζιαγκοβά Μ. και Λιακοπούλου-Κυριακίδου Μ., Ανάπτυξη κυττάρων *Pseudomonas* sp. και *Staphylococcus xylosus* παρουσία χλωροπαραγώγων αρωματικών ενώσεων – Κινητική μελέτη, 5ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Θεσ/νίκη 2005.

Κόνσουλα Ζ. και Λιακοπούλου-Κυριακίδου Μ., 2005, Παραγωγή θερμοσταθερής α -αμυλάσης από κύτταρα *Bacillus subtilis* ακινητοποιημένα σε

πηκτή αλγινικού ασβεστίου, 5ο Πανελλήνιο Επιστημονικό Συνέδριο Χημικής Μηχανικής, Θεσ/νίκη, 2005, p.693-696.

Χριστιανοπούλου-Μπακόλα Μ., Πλουμής Θ., 2005, Η χημεία στο διαδίκτυο (Internet). Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης. Διαθέσιμο στην ιστοσελίδα <https://peanuts.lib.auth.gr> (Blackboard)

2006

Boulekou S.S., Katsaros G.J., Stoforos N.G., Mallidis K. and Taoukis P.S., Effect of the High Hydrostatic Pressure process on Cherry tomato pectinolytic enzymes, Paper No. 72-6, Institute of Food Technologists Annual Meeting, Orlando, FL, USA, June 24-28, 2006.

Boulekou S.S., Katsaros G.J., Stoforos N.G., Mallidis K., and Taoukis PS. Effect of the High Hydrostatic Pressure process on Cherry tomato pectinolytic enzymes. Paper No. 72-6, Institute of Food Technologists Annual Meeting, Orlando, FL, USA, June 24-28, 2006.

Boutsioukis C., Lambrianidis T., Kastrinakis E., 2006, Irrigation of Root Canals During Endodontic Treatment, Fluent News – Applied Computational Fluid Dynamics, Vol. XV, Issue 3, Focus on CFD for the Biomedical Industry, 13.

Karatasos K., 2006, General Meeting 2006, APS, Baltimore, March 2006 Bull. Amer. Phys. Soc. 51,1, 1574.

Karatasos K., 2006, Book of Abstracts, 6th Hellenic Conference on Polymers, Patras, 2-5 November 2006, 100

Karatasos K., 3rd International Workshop on Nanosciences & Nanotechnologies (NN06), July 2006, Thessaloniki, Greece, Proceedings, 22

Koutsas C., Makris P.E. and Liakopoulou- Kyriakides M., 2006, Derivatives of RGD and KGD analogues with resveratrol. Synthesis and biological evaluation, 31st FEBS Congress, Instambul, Turkey, The FEBS Journal, 273(s1), 77-367, Abstract Number PP-755 (p. 281).

Sarigiannis Y., Anastasopoulos C., Stavropoulos G., Liakopoulou-Kyriakides M. and Makris P.E., 2006, Synthetic Peptides of 558-565 loop of the A2 Subunit of FVIIIa of Blood Coagulation Cascade and their Biological Activity, Peptides 2006, Proceedings of the 29th EPS, p. 694-695.

Ευρεσιτεχνίες

2003

Stoukides M. and Marnellos G., 2003, Method and Prototype Reactor for Ammonia Synthesis at Atmospheric Pressure, European Patent, EP 0 972 855 A1.

2004

Ρουκάς Τ., Μαντζουρίδου Φ., Θεοδοσίου Ε., Κοτζεκίδου Π. και Λιακοπούλου-Κυριακίδου Μ., Μέθοδος παραγωγής β-καροτένιου, Δίπλωμα Ευρεσιτεχνίας, ΟΒΙ 1004614/25-6-04.

2006

Κυριάκου Γεώργιος, Κατσούναρος Ιωάννης, Πολατίδης Χρήστος, Ιψάκης Δημήτριος, Αριθμός Αίτησης : 20060100042, Αριθμός Διπλώματος : 1005326, Ηλεκτροχημική μέθοδος απομάκρυνσης των νιτρικών ή των νιτρωδών ιόντων από υδατικά διαλύματα διά της μετατροπής τους σε άζωτο.

Τμήμα Αρχιτεκτόνων Μηχανικών

Άρθρα σε περιοδικά με κριτές

2001

Tentokali V. (2001) "What is missing from Eisenman's houses?", in the Journal of Architectural Theory: D.A.T.U.T.O.P., 21, pp. 91-99.

Tentokali V. (2001) "What is missing from Eisenman's houses?", in the Journal of Architectural Theory: D.A.T.U.T.O.P., 21, pp. 91-99.

Ανδρικοπούλου Ε. 2001, Χωρικές επιπτώσεις των ευρωπαϊκών πολιτικών (παρουσίαση αποτελεσμάτων έρευνας), Γεωγραφίες, φθινόπωρο τ.2, 120-127.

Ανδρικοπούλου Ε. 2001, Η Έκτη Περιοδική Έκθεση για την κοινωνική και οικονομική κατάσταση και ανάπτυξη των περιφερειών της Ευρωπαϊκής Ένωσης (παρουσίαση βιβλίου), Τόπος, 16/2001, 169-172.

Τεντοκάλη Β. (2001) «Το παλιμψηστο της πόλης μέσα από το αστικό κeno: I do, I un-do, I re-do», στο Η αρχιτεκτονική ως τεχνη, ΣΑΘ, 4, σελ. 20-21.

Τεντοκάλη Β. (2001) «Το παλιμψηστο της πόλης μέσα από το αστικό κeno: I do, I un-do, I re-do», στο Η αρχιτεκτονική ως τεχνη, ΣΑΘ, 4, σελ. 20-21.

2002

Tsoulouvis L., 2002, Globalisation, me'tropolisation et processus de restructuration du syste`me urbain en Gre`ce, Cahiers de la Me'ditarrane'e, 64, 331-357

Τεντοκάλη Β. (2002) «Ο γαμος ως η εξημερωση ενός αγριου ζωου (Mark Wigley)», στο Αρχιτεκτονες, ΣΑΔΑΣ-ΠΕΑ, 42, Ιουλιος-Αυγουστος, σελ. 74-76.

Τεντοκάλη Β. (2002) «Ο γαμος ως η εξημερωση ενός αγριου ζωου (Mark Wigley)», στο Αρχιτεκτονες, ΣΑΔΑΣ-ΠΕΑ, 42, Ιουλιος-Αυγουστος, σελ. 74-76.

2003

Τεντοκάλη Β., Καλλιπολιτη Λ., Τσαμης Α. (2003) «Από την ποιητική εικόνα στον εικονικό μυθο», στο Αρχιτεκτονες, ΣΑΔΑΣ-ΠΕΑ, 41, Νοεμβριος-Δεκεμβριος, σελ. 72-74.

Τεντοκάλη Β., Καλλιπολιτη Λ., Τσαμης Α. (2003) «Από την ποιητική εικόνα στον εικονικό μυθο», στο Αρχιτεκτονες, ΣΑΔΑΣ-ΠΕΑ, 41, Νοεμβριος-Δεκεμβριος, σελ. 72-74.

2004

Komninos, N. (2004) 'Regional Intelligence: Distributed localized information systems for innovation and development', International Journal of Technology Management, Vol.28, No 3-4-5-6, 483-506.

Ανδρικοπούλου Ε. 2004, Γιώργος Πετράκος και Γιάννης Ψυχάρης
Περιφερειακή Ανάπτυξη στην Ελλάδα Κριτική, Αθήνα (παρουσίαση βιβλίου),
Αειχώρος 3 (1), 188-193.

Βασάλος, Ι., Κελεσίδης, Β., Κομνηνός Ν. (2004) 'Πόλος Καινοτομίας
Θεσσαλονίκης. Ένα πρότυπο έργο ανάπτυξης των ελληνικών περιφερειών',
Τόπος - Επιθεώρηση Αστικών και Περιφερειακών Μελετών, Νο 22-23, 233-
245.

Δοβα Η., Τουλουμη Ο., Τεντοκάλη Β. (2004) «Τοπιοι διαπραγματευσης», στο
Η αρχιτεκτονική ως τεχνη, ΣΑΘ, 10, σελ. 20-21.

Δοβα Η., Τουλουμη Ο., Τεντοκάλη Β. (2004) «Τοπιοι διαπραγματευσης», στο
Η αρχιτεκτονική ως τεχνη, ΣΑΘ, 10, σελ. 20-21.

2005

Andrikopoulou E. 2005, The regions in the European Union, Territorium
(Special issue: Spatial Planning in East and Southern Europe), No 3, June
2005, 34-42.

2006

Kallipoliti L., Tsamis A., Zavoleas I., Fernandez J.E., Sinistera M.A., &
Tentokali V. (consultant) (2006) "Fecund city spaces: Ephemeral structures for
the Athens Olympics 2004", pp. 40-43, in Thresholds, 31.

Kallipoliti L., Tsamis A., Zavoleas I., Fernandez J.E., Sinistera M.A., &
Tentokali V. (consultant) (2006) "Fecund city spaces: Ephemeral structures for
the Athens Olympics 2004", pp. 40-43, in Thresholds, 31.

Komninos N., (2006) 'Intelligent by Design: Technology and intelligent cities in
Saudi Arabia', Think: Global Issues in Perspective, No 9, 6-13.

Vavili F., "Ward Units: What is New?" Incalculability of Architecture, editor
Robert Barekowski, Poznan 2006

Άρθρα σε πρακτικά συνεδρίων με κριτές

2001

Τεντοκαλη Β. (2001) "Απουσίες' απο ενα 'παιχνιδι' με τη δομηση και αποδομηση του χωρου", στα Πρακτικα του 5ου Πανελληνιου Συνεδριου της Ελληνικης Σημειωτικης Εταιριας, "Σημειωτικη και πολιτισμος", Τομος ΙΙ, Θεσσαλονικη, 1997, 8-12 Μαιου, σελ. 219-228.

Τεντοκαλη Β. (2001) "Απουσίες' απο ενα 'παιχνιδι' με τη δομηση και αποδομηση του χωρου", στα Πρακτικα του 5ου Πανελληνιου Συνεδριου της Ελληνικης Σημειωτικης Εταιριας, "Σημειωτικη και πολιτισμος", Τομος ΙΙ, Θεσσαλονικη, 1997, 8-12 Μαιου, σελ. 219-228.

Τεντοκαλη Β., Αντωνακακη Θ., Γιαννοπουλου Ευ., Κουβακη Β., Μακριδου Ρ. (2001) "Απο-κατασταση και αποδο-μηση στο αστικο κενο: Σχηση αντι-θεσης η συν-θεσης;" στο Χατζητρυφων (επιμ.) Πρακτικα του 1ου Εθνικου Συνεδριου: "Ηπιες επεμβασεις και προστασια Ιστορικων Κατασκευων", 4η Εφορεια Νεωτερων Μνημειων / Υ.Π.Π.Ο., Τ.Ε.Ε. / Τ. Κ.Μ., Θεσσαλονικη, 2000, 23-25 Νοεμβριου, σελ. 78-88.

2002

Τεντοκαλη Β. (2002) "Κατ-οικια η συν-οικια στην πολη: Μια αποπειρα αποσταθεροποιησης των οριων", στο Σιαπκιδης Ν. (επιμ) Πρακτικα του 10ου Πανελληνιου Αρχιτεκτονικου Συνεδριου: "Η αρχιτεκτονικη και η ελληνικη πολη στον 20ο αιωνα", Σ.Α.Δ.Α.Σ. - Π.Ε.Α., Αθηνα, 1999, 8-12 Δεκεμβριου, Αθηνα: ΤΕΕ - Τυποεκδοτικη, σελ. 609-616.

Τεντοκαλη Β. (2002) "Κατ-οικια η συν-οικια στην πολη: Μια αποπειρα αποσταθεροποιησης των οριων", στο Σιαπκιδης Ν. (επιμ) Πρακτικα του 10ου Πανελληνιου Αρχιτεκτονικου Συνεδριου: "Η αρχιτεκτονικη και η ελληνικη πολη στον 20ο αιωνα", Σ.Α.Δ.Α.Σ. - Π.Ε.Α., Αθηνα, 1999, 8-12 Δεκεμβριου, Αθηνα: ΤΕΕ - Τυποεκδοτικη, σελ. 609-616.

Κομνηνός, Ν. (2002) 'Τοπικά παραγωγικά συστήματα στην Ελλάδα και η ανάπτυξη περιφερειακών πόλων καινοτομίας', Forum για την Επιχειρηματικότητα στην Ελλάδα, Αθήνα, Υπουργείο Ανάπτυξης.

2003

Kallipoliti L., Tsamis A., Tentokali V. (2003). "Palimpsest in flux", in Fraser J. (ed) Gender Bound?: Representations of difference in Environmental Design. Tempe Arizona: Herzberger Center for Design Excellence, College of Architecture and Environmental Design, Arizona State University, pp. 23-25.

Kallipoliti L., Tsamis A., Tentokali V. (2003). "Palimpsest in flux", in Fraser J. (ed) Gender Bound?: Representations of difference in Environmental Design. Tempe Arizona: Herzberger Center for Design Excellence, College of Architecture and Environmental Design, Arizona State University, pp. 23-25.

Touloumi O., Dova E., Tentokali V. (2003) "Reading the periphery: A story untold", in Fraser J. (ed) Gender Bound?: Representations of difference in

Environmental Design. Tempe Arizona: Herzberger Center for Design Excellence, College of Architecture and Environmental Design, Arizona State University, pp. 37-39.

Touloumi O., Dova E., Tentokali V. (2003) "Reading the periphery: A story untold", in Fraser J. (ed) Gender Bound?: Representations of difference in Environmental Design. Tempe Arizona: Herzberger Center for Design Excellence, College of Architecture and Environmental Design, Arizona State University, pp. 37-39.

Τεντοκάλη Β. (2003) «Η κατοικία ως χώρος άσκησης της 'γυναικείας επικράτειας'», στο Χτουρης (επιμ) Πρακτικά της Διεθνούς Συνδιάσκεψης για την «Ευρω-Μεσογειακή Ταυτότητα», Τμήμα Κοινωνιολογίας, Πανεπιστήμιο Αιγαίου, Λεσβος, 6-8 Νοεμβρίου (internet).

Τεντοκάλη Β. (2003) «Η κατοικία ως χώρος άσκησης της 'γυναικείας επικράτειας'», στο Χτουρης (επιμ) Πρακτικά της Διεθνούς Συνδιάσκεψης για την «Ευρω-Μεσογειακή Ταυτότητα», Τμήμα Κοινωνιολογίας, Πανεπιστήμιο Αιγαίου, Λεσβος, 6-8 Νοεμβρίου (internet).

Ανδρικοπούλου Ε. 2003, Εδαφική συνοχή και χωρική ανάπτυξη: Οι έννοιες, το περιεχόμενο και τα μέσα πολιτικής, Ημερίδα Περιφερειακή Ανάπτυξη στην Ελλάδα: Τάσεις και Προοπτικές, Ελληνικό Τμήμα της Ευρωπαϊκής Εταιρείας Περιφερειακής Επιστήμης, Αθήνα, Σάββατο 29 Νοέμβριου 2003.

Τσουλουβής Λ., 2003, Αστικοποίηση, το δίκτυο οικισμών και παράγοντες διαμόρφωσης της διάρθρωσης της πόλης στις χώρες της κεντρικο-ανατολικής Ευρώπης: ομοιότητες και διαφορές με τη δυτική και την ελληνική πόλη, Μετασχηματισμοί της ελληνικής πόλης: σοσιαλιστική θεωρία, προοπτικές και καθημερινή πράξη, Σκλιάς Κ. κ.ά., Νέο Κίνημα Αρχιτεκτόνων, Αθήνα, , 352-366

2004

Ανδρικοπούλου Ε., Καυκαλάς Γ., 2004, Οργάνωση του δικτύου οικισμών και σχέσεις πόλης-υπαίθρου: οι επιπτώσεις των ευρωπαϊκών πολιτικών στον ελληνικό χώρο, στο Συνέδριο: Νέα Πολυκεντρικότητα και Χωρική Ανάπτυξη. Οι αστικές περιοχές, οι μικρές και μεσαίες πόλεις και η ύπαιθρος – Προοπτικές, Σχεδιασμός, Διακυβέρνηση, Τομέας Πολεοδομίας και Χωροταξίας Σχολής Αρχιτεκτόνων Ε.Μ.Π., Αθήνα 2004 σ. 75-93.

Βασάλος, Ι., Κελεσίδης, Β., Κομνηνός Ν. (2004) 'Πόλος Καινοτομίας Θεσσαλονίκης: Συνέργιες για τεχνολογική ανάπτυξη', Πρακτικά Συνεδρίου 'Η Θεσσαλονίκη και ο Ευρύτερος Χώρος: Παρελθόν, Παρόν, Μέλλον', Θεσσαλονίκη, Εταιρεία Μακεδονικών Σπουδών, 137-155.

2005

F.Vavili, professor & Dalamanga M., Deliousi K., Stogiannis A., Stravela S., Varsami N., Vacheri M., Voulgaridou K., students of Architecture, 2005 ,

“Hospital Design: From the temple to the Mall” UIA-PHG XXV International Public Health Seminar, Istanbul, Turkey, 30 – 07, 06, 05

Tentokali V. (2005) “Tracing gender in space”, pp. 152-164, in the Proceedings of the International Conference: Gendering Transformations, University of Crete, Gender in Social Sciences, Undergraduate Program for Gender and Equality Issues, Rethymnon Crete, May 12-15.

Tentokali V. (2005) “Tracing gender in space”, pp. 152-164, in the Proceedings of the International Conference: Gendering Transformations, University of Crete, Gender in Social Sciences, Undergraduate Program for Gender and Equality Issues, Rethymnon Crete, May 12-15.

Τεντοκάλη Β., Αρτοπουλος Γ., Ιακωβου Π., Κωνσταντογλου Μ. (2005) “Για μια μακρυν από την ιστορικη ισορροπια κατασταση”, στα Πρακτικα του 7ου Συνεδριου της Ελληνικης Σημειωτικης Εταιρειας «Διαπολιτισμικότητα και Παγκοσμιοποίηση», Πατρα, 1-3 Οκτωβριου, Θεσσαλονικη (υπο εκδοση).

Τεντοκάλη Β., Αρτοπουλος Γ., Ιακωβου Π., Κωνσταντογλου Μ. (2005) “Για μια μακρυν από την ιστορικη ισορροπια κατασταση”, στα Πρακτικα του 7ου Συνεδριου της Ελληνικης Σημειωτικης Εταιρειας «Διαπολιτισμικότητα και Παγκοσμιοποίηση», Πατρα, 1-3 Οκτωβριου, Θεσσαλονικη (υπο εκδοση).

Γραμματικος Η., Καπρινης Σ., Τεντοκαλη Β.(2005) «Το αθωο ματι είναι τυφλο», σελ. 351-362, στα Πρακτικα του Συνεδριου «Η αναπαράσταση ως οχημα αρχιτεκτονικής σκεψης», Πανεπιστημιο Θεσσαλιας, Βολος, 21-23 Οκτωβριου, Αθήνα: Futura.

Γραμματικος Η., Καπρινης Σ., Τεντοκαλη Β.(2005) «Το αθωο ματι είναι τυφλο», σελ. 351-362, στα Πρακτικα του Συνεδριου «Η αναπαράσταση ως οχημα αρχιτεκτονικής σκεψης», Πανεπιστημιο Θεσσαλιας, Βολος, 21-23 Οκτωβριου, Αθήνα: Futura.

Δοβα Η., Τουλουμη Ο., Τεντοκαλη Β. (2005) «Υφαινοντας τους ιστους της μητροπολης», στα Πρακτικα του Τριημερου Επιστημονικου Συνεδριου «Γεωγραφίες της μητρόπολης: όψεις του φαινομένου στον ελληνικό χώρο», Αριστοτελειο Πανεπιστημιο Θεσσαλονικης, Θεσσαλονικη, 21-23 Οκτωβριου, (υπό δημοσιευση).

Δοβα Η., Τουλουμη Ο., Τεντοκαλη Β. (2005) «Υφαινοντας τους ιστους της μητροπολης», στα Πρακτικα του Τριημερου Επιστημονικου Συνεδριου «Γεωγραφίες της μητρόπολης: όψεις του φαινομένου στον ελληνικό χώρο», Αριστοτελειο Πανεπιστημιο Θεσσαλονικης, Θεσσαλονικη, 21-23 Οκτωβριου, (υπό δημοσιευση).

Τεντοκάλη Β., Γουρδούκης Δ., Πανταζή Μ., Τρυφωνίδου Κ. (2005) “Πτυχωνοντας το οριο της πολης”, σελ. 210-219, στο Ανανιάδου-Τζιμοπούλου Μ. (επιμ.) Πρακτικα του Συνεδριου «Αρχιτεκτονική Τοπιου: Εκπαιδευση, Ερευνα και Εφαρμοσμενο Εργο», Τόμος ΙΙ, Θεσσαλονικη, 12-13 Μαιου, Θεσσαλονίκη: Ζήτη.

Τεντοκάλη Β., Γουρδούκης Δ., Πανταζή Μ., Τρυφωνίδου Κ. (2005)
“Πτυχωνοντας το οριο της πολης”, σελ. 210-219, στο Ανανιάδου-Τζιμοπούλου
Μ. (επιμ.) Πρακτικά του Συνεδρίου «Αρχιτεκτονική Τοπίου: Εκπαίδευση,
Ερευνα και Εφαρμοσμένο Έργο», Τόμος ΙΙ, Θεσσαλονίκη, 12-13 Μαΐου,
Θεσσαλονίκη: Ζήτη.

2006

Komninos, N. (2006) ‘The Architecture of Intelligent Cities’, 2nd International
Conference on Intelligent Environments IE 06, Institution of Engineering and
Technology, pp. 53-61.

Komninos, N., Sefertzi, E., and Tsarchopoulos P. (2006) ‘Virtual innovation
environment for the exploitation of R&D’, 2nd International Conference on
Intelligent Environments IE 06, Institution of Engineering and Technology,
125-136.

Tentokali V., Doumpioti Chr., Ntovros V., Seferiadou P., Steirou Eir., Zaromiti
E. (2006) “Looking for differences, but starting from similarities”, pp. 259-268,
in the Proceedings of The 2nd International Conference on Intelligent
Environments IE 06, Volume Two, National Technical University of Athens, 05
– 06 July, Athens: National Technical University.

Tentokali V., Doumpioti Chr., Ntovros V., Seferiadou P., Steirou Eir., Zaromiti
E. (2006) “Looking for differences, but starting from similarities”, pp. 259-268,
in the Proceedings of The 2nd International Conference on Intelligent
Environments IE 06, Volume Two, National Technical University of Athens, 05
– 06 July, Athens: National Technical University.

Γραμματικός Η., Τεντοκάλη Β. (2006) «Βλέποντας μέσα από τη σχισμή», σελ.
343-350, στο Βαβύλη Φ. (επιμ) Πρακτικά του 2ου Διεθνούς Συνεδρίου
Διαφάνεια και αρχιτεκτονική: Όρια και προκλήσεις, Σχολή Αρχιτεκτονικής,
Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης, Θεσσαλονίκη, 1-4 Ιουνίου.

Γραμματικός Η., Τεντοκάλη Β. (2006) «Βλέποντας μέσα από τη σχισμή», σελ.
343-350, στο Βαβύλη Φ. (επιμ) Πρακτικά του 2ου Διεθνούς Συνεδρίου
Διαφάνεια και αρχιτεκτονική: Όρια και προκλήσεις, Σχολή Αρχιτεκτονικής,
Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης, Θεσσαλονίκη, 1-4 Ιουνίου.

Ζαρομυτη Ε., Κουτουπης Γ., Σεφεριαδου Π., Τεντοκαλη Β. (2006)
«Επανακτωντας τις εκβολες», σελ. 573-579, στα Πρακτικά του 2ου Συνεδριου
του Συμβουλιου Περιβαλλοντος του Α.Π.Θ.: «Τα περιβαλλονικα προβληματα
της περιοχης της Θεσσαλονικης: Οι απόψεις του Α.Π.Θ.», Θεσσαλονικη, 1-4
Ιουνιου, Θεσσαλονίκη: Ζήτη.

Ζαρομυτη Ε., Κουτουπης Γ., Σεφεριαδου Π., Τεντοκαλη Β. (2006)
«Επανακτωντας τις εκβολες», σελ. 573-579, στα Πρακτικά του 2ου Συνεδριου
του Συμβουλιου Περιβαλλοντος του Α.Π.Θ.: «Τα περιβαλλονικα προβληματα
της περιοχης της Θεσσαλονικης: Οι απόψεις του Α.Π.Θ.», Θεσσαλονικη, 1-4
Ιουνιου, Θεσσαλονίκη: Ζήτη.

Βιβλία

2001

Κομνηνός, Ν., Κυργιαφίνη, Λ., και Σεφερτζή, Ε. (επιμ.) (2001) Τεχνολογίες Ανάπτυξης Καινοτομίας σε Περιφέρειες και Συμπλέγματα Παραγωγής, Αθήνα, Gutenberg.

2002

Βαβύλη Φ., 2002, Κτίρια για την Ψυχική Υγεία, University Studio Press, 155

Βαβύλη Φ., 2002, Σχεδιάζοντας για τους Ηλικιωμένους, University Studio Press, 136

Komninos, N. (2002) Intelligent Cities: Innovation, knowledge systems and digital spaces, London and New York, Spon Press.

2004

Βαβύλη Φ, Ζιωτόπουλος Π., Μονιάρου Β., Τζανετάκου Ε., Χρυσοστόμου Χ., 2004, Κατευθυντήριες Οδηγίες για Κτίρια Λαϊκών Βιβλιοθηκών, ΕΚΤ - ΕΙΕ, 103.

2006

Andrikopoulou E. Kafkalas G. 2006, Spatial Impacts of European Policies: The Greek Experience 1989-1999, SDRU-Spatial Development Research Unit, AUTH, Thessaloniki, 210. (ηλεκτρονική έκδοση διαθέσιμη στο: http://estia.arch.auth.gr/files/SIEP_2006.pdf).

Άρθρα σε βιβλία

2001

Tsoulouvis L., 2001, Sustainability questions in Greek cities and related planning policies, *Lo sviluppo dell'udentita' mediterranea attraverso l'economia del mare*, Trono A., Mario Congedo Editore, Lecce, 307, 324

Κομνηνός, Ν., Κυργιαφίνη, Λ., Σεφερτζή Ε. (2001) 'Τεχνολογίες ανάπτυξης καινοτομίας σε περιφέρειες και συμπλέγματα παραγωγής', *Τεχνολογίες Ανάπτυξης Καινοτομίας σε Περιφέρειες και Συμπλέγματα Παραγωγής*, Αθήνα, Gutenberg, 13-23.

Κομνηνός, Ν., Μπακούρος, Ι. (2001) 'Αξιολόγηση τεχνολογίας' *Τεχνολογίες Ανάπτυξης Καινοτομίας σε Περιφέρειες και Συμπλέγματα Παραγωγής*, Αθήνα, Gutenberg, 131-142.

2003

Bakouros, Y., Komninou, N., and Zygiaris, S. (2003) 'Innovating in Thessaly', *Regional Innovation Strategy of Thessaly*, Larissa, Regional Development Fund, 61-109.

Tentokali V. (2003). "Chora: Understanding the origin of space", in Tarasti E. (ed) *Understanding / Misunderstanding. Contributions to the study of the hermeneutics of signs*. ACTA Semiotica Fennica XVI. Helsinki: Hakapaino, pp. 406-417.

Tentokali V. (2003). "Chora: Understanding the origin of space", in Tarasti E. (ed) *Understanding / Misunderstanding. Contributions to the study of the hermeneutics of signs*. ACTA Semiotica Fennica XVI. Helsinki: Hakapaino, pp. 406-417.

Tentokali V. (2003). "Understanding the city through the self-understanding of gender", in Tarasti E. (ed) *Understanding / Misunderstanding. Contributions to the study of the hermeneutics of signs*. ACTA Semiotica Fennica XVI. Helsinki: Hakapaino, pp. 418-429.

Tentokali V. (2003). "Understanding the city through the self-understanding of gender", in Tarasti E. (ed) *Understanding / Misunderstanding. Contributions to the study of the hermeneutics of signs*. ACTA Semiotica Fennica XVI. Helsinki: Hakapaino, pp. 418-429.

Ανδρικοπούλου Ε. 2003, Η έννοια της συνοχής, Χώρος και Περιβάλλον: Παγκοσμιοποίηση-Διακυβέρνηση-Βιωσιμότητα, Επιμ. Γετίμης Π., Καυκαλάς Γ., Ινστιτούτο Αστικού Περιβάλλοντος και Ανθρώπινου Δυναμικού, Πάντειο Πανεπιστήμιο και ΤΟΠΟΣ, Αθήνα, σελ.67-77.

Ανδρικοπούλου Ε., Τόμπρου Β. 2003, Ανάπτυξη και ανταγωνιστικότητα μητροπολιτικών περιοχών, Μητροπολιτική Διακυβέρνηση: Διεθνής εμπειρία και ελληνική πραγματικότητα Επιμ. Γετίμη Π., Καυκαλά, Γ., 147-168.

Τεντοκάλη Β., Δοβα Η. (2003) «Προ-αστιο η παρα-αστιο?», στο Καζερος Ν., Λεφας Π. (επιμ) Χωρίς ορια. Οι αχανεις εκτασεις των αθηναικων προαστιων. Αθηνά: Futura, σελ. 31-42.

Τεντοκάλη Β., Δοβα Η. (2003) «Προ-αστιο η παρα-αστιο?», στο Καζερος Ν., Λεφας Π. (επιμ) Χωρίς ορια. Οι αχανεις εκτασεις των αθηναικων προαστιων. Αθηνά: Futura, σελ. 31-42.

2004

Andrikopoulou E., Kafkalas G. 2004, Greek regional policy and the process of Europeanisation: 1961-2000, Greece in the European Union, Ed. Dimitrakopoulos D., Passas A., Routledge, London, 35-47.

Ανδρικοπούλου Ε. 2004, Εδαφική συνοχή και χωρική ανάπτυξη στην Ευρωπαϊκή Ένωση, Ζητήματα Χωρικής Ανάπτυξης: Θεωρητικές προσεγγίσεις και πολιτικές Επιμ. Γ. Καυκαλάς, Εκδόσεις Κριτική, Αθήνα, 173-212.

Κομνηνός, Ν. (2004) 'Κέντρο και περιφέρεια στην ευρωπαϊκή κοινωνία της γνώσης' Παραδείγματα, 9η Διεθνής Έκθεση Αρχιτεκτονικής Μπιενάλε Βενετίας, 46-51.

Κομνηνός, Ν. (2004) 'Περιφέρειες αριστείας στην Ευρώπη: το νέο πρότυπο περιφερειακής ιεραρχίας και ανάπτυξης', Ζητήματα Χωρικής Ανάπτυξης, επιμ. Γ. Καυκαλάς, Αθήνα, Εκδόσεις Κριτική, 73-105.

2005

Tentokali V. (2005) "A play with the architectural textuality", pp. 265-275, in Spiridonidis C. (ed) Monitoring Architectural Design Education in European Schools of Architecture, EAAE Transactions on Architectural Education, Volume 19. Thessaloniki: Art of Text.

Tentokali V. (2005) "A play with the architectural textuality", pp. 265-275, in Spiridonidis C. (ed) Monitoring Architectural Design Education in European Schools of Architecture, EAAE Transactions on Architectural Education, Volume 19. Thessaloniki: Art of Text.

Τεντοκάλη Β. (2005) "Η προκλήση του εν δυναμει", στο Παπαδημητρίου Σ. (επιμ) Digital Topo_graphies. Θεσσαλονίκη: ΤΕΕ/ΤΚΜ, σελ. 35-40.

Τεντοκάλη Β. (2005) "Η προκλήση του εν δυναμει", στο Παπαδημητρίου Σ. (επιμ) Digital Topo_graphies. Θεσσαλονίκη: ΤΕΕ/ΤΚΜ, σελ. 35-40.

Ανδρικοπούλου Ε. 2005, Η Χωροταξία και η περιφερειακή πολιτική απέναντι στις προκλήσεις της διεύρυνσης και της συνοχής, Επιστημονικές Μελέτες προς τιμήν του Καθηγητού Νίκου Ι. Κόνσολα, Πάντειο Πανεπιστήμιο Κοινωνικών και Πολιτικών Επιστημών, Αθήνα, 465-481.

2006

Komninos, N. (2006) 'Intelligent Cities, The Encyclopedia of Digital Government, by Ari-Veikko Anttiroiko and Matti Malkia (eds), London, Idea Group Reference, 1100-1104.

Komninos, N. (2006) 'Virtual Innovation Environment, The Encyclopedia of Digital Government, by Ari-Veikko Anttiroiko and Matti Malkia (eds), London, Idea Group Reference, 1601-1605.

Εκδοση πρακτικών συνεδρίων

2005

Komninos, N. (2005) 'Regional innovation in Europe' 2nd International Conference on the Process of Innovation and Learning in Dynamic City-Regions', Keynote paper, Bangalore 13-15 July, 10-33.

Κομνηνός, Ν. (2005) 'Δέκα προτάσεις για την ενίσχυση της καινοτομίας στην Κ. Μακεδονία', Πρακτικά Αναπτυξιακού Συνεδρίου 'Στρατηγική Ανάπτυξης 2007-2013', Περιφέρεια Κ. Μακεδονίας, Θεσσαλονίκη 10-11 Ιουνίου, 7-20.

2006

Komninos, N. (2006) 'Developing trans-regional research and innovation' Conference Proceedings 'Regions of Economic Change', Keynote paper, European Union, Regional Policy, Brussels 12-13 June, 22-23.

Komninos, N. (2006) 'Knowledge networks and collaborative innovation' Conference Proceedings 'Baltic Dynamics 2006', Vilnius 24-26 May, 25-30.

Άλλες δημοσιεύσεις

2002

Τσουλουβής Λ., 2002, Χωροταξία, περιφερειακή ανάπτυξη και χωρικός προγραμματισμός, Τεύχος 1 (97 σελ.), Υπηρεσία Δημοσιευμάτων ΑΠΘ (διδακτικό βοήθημα)

2003

Ανδρικοπούλου Ε. 2003, Η Χωροταξία και η περιφερειακή πολιτική απέναντι στις προκλήσεις της διεύρυνσης και της συνοχής, Ερευνητική Μονάδα Χωρικής Ανάπτυξης ΕΜΧΑ, Σειρά Κείμενα Εργασίας, τ.1, Ιανουάριος 2003.

Τσουλουβής Λ., 2003, Απολογισμός ενός εξαμήνου, Αρχιτέκτονες (περιοδικό του ΣΑΔΑΣ), Τεύχος 42, Περίοδος Β', Νοέμβριος Δεκέμβριος 2003, 62-64.

2004

Ανδρικοπούλου Ε. 2004, Οι Περιφέρειες στην Ευρωπαϊκή Ένωση: Τρόπος Λειτουργίας τους ως Τμήμα του Ευρωπαϊκού Χώρου, Τεχνικά Χρονικά – Διμηνιαία Έκδοση, τεύχος 4, Ιούλιος-Αύγουστος 2004.

Τσουλουβής Λ., 2004, Χωροταξία, περιφερειακή ανάπτυξη και χωρικός προγραμματισμός, Τεύχος 2 (70 σελ.), Υπηρεσία Δημοσιευμάτων ΑΠΘ (διδακτικό βοήθημα)

2005

Δανιήλ Μ., Ταράνη Β., Τεντοκάλη Β. (επιμ) (2005) «Θεωρητική τεκμηρίωση», στο meta info, 5η Έκθεση Αρχιτεκτονικού Έργου, Θεσσαλονίκη: Παπασωτηρίου.

Δανιήλ Μ., Ταράνη Β., Τεντοκάλη Β. (επιμ) (2005) «Θεωρητική τεκμηρίωση», στο meta info, 5η Έκθεση Αρχιτεκτονικού Έργου, Θεσσαλονίκη: Παπασωτηρίου.

2006

Bourgogne P., Guth, M., Pelayo, E., Halvorsen, K., Komninos, N. Oswaldo, A. (2006) Strategic Intelligence and Innovative Clusters, Regional Council of Lorraine, Interreg IIIC, 58.

Lurcovich, L., Komninos, N. Reid, A., Heydebreck, P. Pierrakis, Y. (2006) Blueprint for Regional Innovation Benchmarking, European Commission, Mutual Learning Platform, 37.

Vavili F., 2006, International Congress 'Appropriating Architecture Taming Urganism in the Decades of Transformation', Department of Architecture, Cairo University, ARCHCAIRO 2006. Invited Lecturer

Ανδρικοπούλου Ε. 2006, «Οι περιφέρειες στην Ευρωπαϊκή Ένωση: Η κατάσταση μετά το 1999», Ζητήματα Χωρικής Ανάπτυξης: Σειρά Διαλέξεων 2004-2005, Ερευνητική Μονάδα Χωρικής Ανάπτυξης & CIS ΑΠΘ, 55-93.

Κομνηνός, Ν. (2006) 'Εξυπνες πόλεις: Συστήματα καινοτομίας και τεχνολογίες πληροφορίας στην ανάπτυξη των πόλεων' Περιοδικό Αρχιτέκτονες, No 60, 72-75.

Κομνηνός, Ν., Πάσσας, Ι., και Τσαρχόπουλος, Π. (2006) 'Ευφυείς πόλεις' Περιοδικό 'Η Πληροφορική στη Βόρειο Ελλάδα', No 2, 13-14.

Γενικό Τμήμα

Άρθρα σε περιοδικά με κριτές

2001

Baganas K., Kehagias Ath. and A. Charalambopoulos. "Inhomogenous Dielectric Media: Wave Propagation and Dielectric Permittivity Reconstruction". *Journal of Electromagnetic Waves and Applications*, vol. 15, pp. 1373--1400, 2001.

Fokas A. S. and Ioannidou T., The Inverse Spectral Method for the Ward Equation and for the 2+1 Chiral Model, *Commun. Appl. Anal.* 5, 235-246 (2001)

Ioannidou T. and P. Sutcliffe, Soliton Dynamics in 3D Ferromagnets, *Physica D* 150, 120-128 (2001)

Ioannidou T., B. Piette, P. Sutcliffe and W. Zakrzewski, Skyrmions and Rational Maps, *Nonlinearity* 14, 1-5 (2001) (Invited Paper)

Ioannidou T., J. Pouget and E. Aifantis, Kink Dynamics in a Lattice Model with Long-Range Interactions, *J. Phys. A: Math. and Gen.* 32, 4269-4280 (2001)

Konstantinidis A., T. Ioannidou, Kehagias Ath. and E.C. Aifantis. "Gradient Constitutive Equations, Size Effects and Artificial Neural Networks". *Journal of the Mechanical Behavior of Materials*, vol.12, pp.141-157, 2001.

Kugiumtzis D., 2001, On the reliability of the surrogate data test for nonlinearity in the analysis of noisy time series, *International Journal of Bifurcation and Chaos*, 11, 7, 1881-1896.

Petridis V., Kehagias Ath., L. Petrou, A. Bakirtzis, N. Maslaris, S. Kiartzis and H. Panagiotou. "A Bayesian Multiple Models Combination Method for Time Series Prediction". *Journal of Intelligent and Robotic Systems*, vol. 31, pp.69-89, 2001.

Polyzos B., Douka E. and A. Trochidis, "Acoustic emission induced by dislocation annihilation during plastic deformation of crystals", *Journal of Applied Physics*, vol. 89, no. 4, pp. 2124-2129, 2001.

Rekanos I.T., "Inverse scattering of dielectric cylinders by using radial basis function neural networks," *Radio Science*, vol. 36, no. 5, pp. 841-849, Sept.-Oct. 2001.

Rekanos I.T., "On-line inverse scattering of conducting cylinders using radial basis-function neural networks," *Microwave and Optical Technology Letters*, vol. 28, no. 6, pp. 378-380, Mar. 20, 2001.

Rekanos I.T., M.S. Efraimidou, and T.D. Tsiboukis, "Microwave imaging: Inversion of scattered near-field measurements," *IEEE Transactions on Magnetics*, vol. 37, no. 5, pp.3294-3297, Sept. 2001.

Voisin C., Christofilos D., Del Fatti N., and Vallée F., 2001, Femtosecond Surface Plasmon Resonance excitation and electron dynamics in metal nanoparticles, *European Physical Journal D* 16, 1-3, 139-144

Voisin C., Del Fatti N., Christofilos D., and Vallée F., 2001, Ultrafast Electron Dynamics and Optical Nonlinearities in Metal Nanoparticles, *Journal of Physical Chemistry B* 105, 12, 2264-2280.

2002

Bamnios Y., Douka E. and A. Trochidis, "Crack identification in beam structures using mechanical impedance", *Journal of Sound and Vibration*, vol. 256, no. 2, pp. 287-297, September 2002.

Christofilos D., Papagelis K., Ves S., Kourouklis G. A., Raptis C., 2002, High pressure Raman study and Lattice Dynamics Calculation for SrWO₄, *Journal of Physics – Condensed Matter* 14, 47, 12641-12650.

Christofilos D., Voisin C., Del Fatti N. and Vallée F., 2002, Femtosecond nonlinear optical spectroscopy of the acoustic vibration of metal nanoparticles under high pressure, *High Pressure Research* 22, 2, 277-281.

Economides A. and Kehagias Ath.. "The STAR Automaton: Expediency and Optimality Properties". *IEEE Trans. on Systems, Man and Cybernetics*, vol.32, pp.723-737, 2002.

El-Sallabi H.M., G. Liang, H.L. Bertoni, Rekanos I.T., and P. Vainikainen, "Influence of diffraction coefficient and corner shape on ray prediction of power and delay spread in urban microcells," *IEEE Transactions on Antennas and Propagation*, vol. 50, no. 5, pp. 703-712, May 2002.

El-Sallabi H.M., Rekanos I.T., and P. Vainikainen, "A new heuristic diffraction coefficient for lossy dielectric wedges at normal incidence," *IEEE Antennas and Wireless Propagation Letters*, vol. 1, pp. 165-168, 2002. [Errata, *IEEE Antennas and Wireless Propagation Letters*, vol. 1, pp. 219, 2002].

Ioannidou T., Bogomolny Yang-Mills-Higgs Solutions in 2+1 anti-de Sitter Space, *Nonlinearity* 15, 1489-1497 (2002)

Ioannidou T., V. Kopeliovich and W. Zakrzewski, Approximate Analytical Solution of the Baby Skyrme Model, *JETP* 95, 572-580 (2002)

Kehagias Ath. and Petridis V.. "Predictive Modular Neural Networks for Unsupervised Segmentation of Switching Time Series: the Data Allocation Problem". *IEEE Trans. on Neural Networks*, vol.13, pp.1432-1449, 2002.

Kehagias Ath., "An example of L-fuzzy Join Space". *Rendiconti del Circolo Matematico del Palermo*, vol.51, pp.503-526, 2002.

Kehagias Ath., Serafimidis K. and M. Konstantinidou. "A Note on the Congruences of the Nakano Superlattice and Some Properties of the

Associated Quotients". *Rendiconti del Circolo Matematico del Palermo*, vol.51, pp.333-354, 2002.

Kugiumtzis D., 2002, Statically transformed autoregressive process and surrogate data test for nonlinearity, *Physical Review E*, 66, 025201.

Rekanos I.T. and T.D. Tsiboukis, "An inverse scattering technique for microwave imaging of binary objects," *IEEE Transactions on Microwave Theory and Techniques*, vol. 50, no. 5, pp. 1439-1441, May 2002.

Rekanos I.T., "A neural-network-based inverse-scattering technique for online microwave medical imaging," *IEEE Transactions on Magnetics*, vol. 38, no. 2, pp. 1061-1064, Mar. 2002.

Rekanos I.T., "Inverse scattering in the time domain: An iterative method using an FDTD sensitivity analysis scheme," *IEEE Transactions on Magnetics*, vol. 38, no. 2, pp. 1117-1120, Mar. 2002.

Sarantopoulou E., Raptis C., Ves S., Christofilos D. and Kourouklis G. A., Temperature and Pressure dependence of Raman active phonons of CaMoO₄: an anharmonicity study, 2002, *Journal of Physics – Condensed Matter* 14, 39, 8925-8938.

Serafimidis K., Kehagias Ath. and M. Konstantinidou. "The L-Fuzzy Corsini Join Hyperoperation". *Italian Journal of Pure and Applied Mathematics*, vol.12, pp.83-90, 2002.

Voisin C., Christofilos D., Del Fatti N. and Vallée F., 2002, Environment effect on the acoustic vibration of metal nanoparticles, *Physica B* 316-317, 89-94.

Zhao X., Rekanos I.T., and P. Vainikainen, "A general computer simulation method for a 3-D received signal level in wideband mobile communications," *Microwave and Optical Technology Letters*, vol. 32, no. 2, pp. 119-122, Jan. 20, 2002.

2003

Arbouet A., Voisin C., Christofilos D., Langot P., Del Fatti N., Vallee F., Lerme J., Celep G., Cottancin E., Gaudry M., Pellarin M., Broyer M., Maillard M., Pileni M.P., Treguer M., 2003, Electron-phonon scattering in metal clusters, *Physical Review Letters* 90, 17, 177401.

Christofilos D., Assimopoulos S., Del Fatti N., Voisin C., Vallee F., Kourouklis G.A., Ves S., 2003, High pressure study of the surface plasmon resonance in Ag nanoparticles, *High Pressure Research* 23, 1-2, 23-27.

Douka E., Loutridis S. and A. Trochidis, "Crack identification in beams using wavelet analysis", *International Journal of Solids and Structures*, vol. 40, no. 13-14, pp. 3557-3569, June-July 2003.

Hadjileontiadis L.J. and Rekanos I.T., "Detection of explosive lung and bowel sounds by means of fractal dimension," IEEE Signal Processing Letters, vol. 10, no. 10, pp. 311-314, Oct. 2003.

Ioannidou T. and N. Vlachos, On the Q-ball Profile Function, J. Math.Phys. 44, 3562-3568 (2003)

Ioannidou T., J. Pouget and E. Aifantis, Soliton Dynamics in a 2D Lattice Model with Nonlinear Interactions, J. Phys. A: Math. Gener. 36, (2003) 643-652

Ioannidou T., V. Kopeliovich and N. Vlachos, Energy-Charge Dependence for Q-balls, Nucl. Phys. B 660, 156-168 (2003)

Kehagias Ath. and M. Konstantinidou. "L-Fuzzy Valued Inclusion Measure, L-Fuzzy Similarity and L-Fuzzy Distance". Fuzzy Sets and Systems, vol.136, pp.313-332, 2003.

Kehagias Ath., Petridis V., Kaburlasos V.G., and P. Fragkou. "A Comparison of Word- and Sense-based Text Categorization Using Several Classification Algorithms". J. of Int. Inf. Sys., vol.21, pp.227-247, 2003.

Kehagias Ath.. "L-fuzzy Join and Meet Hyperoperations and the Associated L-fuzzy Hyperalgebras" . Rendiconti del Circolo Matematico di Palermo, vol.52, pp.322-350, 2003.

Rekanos I.T. and A. Räsänen, "Microwave imaging in the time domain of buried multiple scatterers by using an FDTD-based optimization technique," IEEE Transactions on Magnetics, vol. 39, no. 3, pp. 1381-1384, May 2003.

Rekanos I.T., "Time-domain inverse scattering using Lagrange multipliers: An iterative FDTD-based optimization technique," Journal of Electromagnetics Waves and Applications, vol. 17, no. 2, pp. 271-289, Feb. 2003.

2004

Arbouet A., Christofilos D., Del Fatti N., Vallee F., Huntzinger J.R, Arnaud L., Billaud P., Broyer M., Direct measurement of the single-metal-cluster optical absorption, 2004, Physical Review Letters 93, 12, 127401.

Arvanitidis J., Papagelis K., Christofilos D., Kimura H., Kourouklis G. A., and Ves, S. 2004, High pressure Raman study of Y3Al5O12, Physica Status Solidi (b) 241, 14, 3149-3154.

Brihaye Y., B. Hartmann, Ioannidou T. and W. Zakrzewski, Gravitating SU(N) Monopoles from Harmonic Maps, Class. Quant. Grav. 21, 517-526 (2004)

Brihaye Y., B. Hartmann, Ioannidou T. and W. Zakrzewski, Harmonic Map Analysis of SU(N) Gravitating Skyrmions, Physical Review D 69, 124035 (2004)

Christofilos D., Arvanitidis J., Kampasakali E., Papagelis K., Ves S., and Kourouklis G. A., 2004, High pressure Raman study of BaMoO₄, *Physica Status Solidi (b)* 241, 14, 3155-3160.

Douka E., Bamnios G. and A. Trochidis, "A method for determining the location and depth in double-cracked beams", *Applied Acoustics*, vol. 65, no. 10, pp. 997-1008, October 2004.

Douka E., Loutridis S. and A. Trochidis, "Crack identification in plates using wavelet analysis", *Journal of Sound and Vibration*, vol. 270, no. 1-2, pp. 279-295, February 2004.

Ioannidou T., B. Kleihaus and W. Zakrzewski, An Improved Harmonic Map Ansatz, *Phys. Lett. B* 597, 346-351 (2004)

Ioannidou T., B. Kleihaus and W. Zakrzewski, Axially Symmetric SU(3) Gravitating Skyrmions, *Phys. Lett. B* 600, 116-125 (2004)

Kehagias Ath., A. Nicolaou, P. Fragkou and Petridis V.. "Text Segmentation by Product Partition Models and Dynamic Programming". *Mathematical and Computer Modelling*, vol.39, pp.209-217, 2004.

Kehagias Ath., P. Fragkou and Petridis V.. "A Dynamic Programming Algorithm for Linear Text Segmentation". *Journal of Int. Information Systems*, vol. 23, pp.179-197, 2004.

Kehagias Ath.. "A Hidden Markov Model Segmentation Procedure for Hydrological and Environmental Time Series". *Stoch. Env. Res. Risk Anal.*, vol.18, pp.117-130, 2004.

Kugiumtzis D. and Aifantis E.C., 2004, Statistical analysis for long term correlations in the stress time series of jerky flow, *Journal of Mechanical Behaviour of Materials*, 15, 3, 135-147.

Kugiumtzis D., Kehagias A, Aifantis E.C., Neuhäuser H., 2004, Statistical analysis of the extreme values of stress time series from the Portevin–Le Châtelier effect, *Physical Review E*, 70, 3, 036110.

Kugiumtzis D., Kehagias Ath., E.C. Aifantis and H. Neuhauser. "Statistical Analysis of the Extreme Values of Stress Time Series from PLC Effect". *Physical Review E*, Vol 70, No 3, 036110, 2004.

Kugiumtzis D., Provata A., 2004, Statistical analysis of gene and intergenic DNA sequences, *Physica A*, 342, 3-4, 623-638.

Loutridis S., Douka E. and A. Trochidis, "Crack identification in double-cracked beams using wavelet analysis", *Journal of Sound and Vibration*, vol. 277, no. 4-5, pp. 1025-1039, November 2004.

Rekanos I.T., Yioultsis T.V., and C.S. Hilas, "An inverse scattering approach based on the differential E-formulation," *IEEE Transactions on Geoscience and Remote Sensing*, vol. 42, no. 7, pp. 1456-1461, July 2004.

Saragiotis C.D., Hadjileontiadis L.J., Rekanos I.T., and S.M. Panas, "Automatic P phase picking using maximum kurtosis and κ -statistics criteria," IEEE Geoscience and Remote Sensing Letters, vol. 1, no. 3, pp. 147-151, July 2004.

Serafimidis K. and Kehagias Ath.. "Some Representation Results for (P,Q)-Superlattices". Italian Journal of Pure and Applied Mathematics, vol.15, pp.151-164, 2004.

Serafimidis K., Kehagias Ath. and M. Konstantinidou. "The Structure of the (P,Q)-Superlattice and Order Related Properties". Italian Journal of Pure and Applied Mathematics, vol.15, pp.133-150, 2004.

Voisin C., Christofilos D., Loukakos P.A., Del Fatti N., Vallee F., Lerme J., Gaudry M., Cottancin E., Pellarin M., Broyer M., 2004, Ultrafast electron-electron scattering and energy exchanges in noble-metal nanoparticles, Physical Review B 69, 19, 195416.

2005

Arvanitidis J., Christofilos D., Papagelis K., Andrikopoulos K. S., Takenobu T., Iwasa Y., Kataura H., Ves S., and Kourouklis G. A., 2005, Pressure screening in the interior of primary shells in double-wall carbon nanotubes, Physical Review B 71, 12, 125404.

Arvanitidis J., Christofilos D., Papagelis K., Takenobu T., Iwasa Y., Kataura H., Ves S., and Kourouklis G. A., 2005, Double-wall carbon nanotubes under pressure: Probing the response of individual tubes and their intratube correlation, Physical Review B 72, 19, 193411.

Assael M. J., Metaxa I., Arvanitidis J., Christofilos D., and Lioutas C., 2005 Thermal conductivity enhancement in aqueous suspensions of carbon multi-walled and double-walled nanotubes in the presence of two different dispersants, International Journal of Thermophysics 26, 3, 647-664.

Brihaye Y. and Ioannidou T., SU(5) Gravitating Monopoles, Class. Quant. Grav. 22, 1077-1086 (2005)

Douka E. , Polyzos B. and A. Trochidis, "Acoustic emission from a dislocation kink accelerated by an external force", Archives of Acoustics, vol. 30, no.2, pp.1-7, 2005.

Douka E. and L. J. Hadjileontiadis, "Time-frequency analysis of the free vibration response of a beam with a breathing crack", NDT & E International, vol. 38, no. 1, pp. 3-10, January 2005.

Hadjileontiadis L. J. , Douka E. and A. Trochidis, "Crack detection in beams using kurtosis", Computers and Structures, vol. 83, no. 12-13, pp. 909-919, May 2005.

Hadjileontiadis L. J. , Douka E. and A. Trochidis, "Fractal dimension analysis for crack identification in beam structures", Mechanical Systems and Signal Processing, vol. 19, no. 3, pp. 659-674, May 2005.

Ioannidou T. and N. Manton, The Energy of Scattering Solitons in the Ward Model, Proc. Roy. Soc. Lond. A 461, 1965 (2005)

Ioannidou T., A Kouroukidis and N. Vlachos, Universality in a Class of Q-ball Solutions: An Analytic Approach, J. Math Phys. 46, 042306 (2005)

Kehagias Ath. and Serafimidis K.. "The L-Fuzzy Nakano Hypergroup". Information Sciences, vol. 169, pp.305-327, 2005

Lerme J., Celep G., Broyer M., Cottancin E., Pellarin M., Arbouet A., Christofilos D., Guillon C., Langot P., Del Fatti N., Vallee F., Effects of confinement on the electron and lattice dynamics in metal nanoparticles, 2005, European Physical Journal D 34, 1-3, 199-204.

Loutridis S. , Douka E. and L. J. Hadjileontiadis, "Forced vibration behaviour and crack detection of a cracked beam using instantaneous frequency", NDT & E International, vol. 38, no. 5, pp. 411-419, July 2005.

Loutridis S. , Douka E., L. J. Hadjileontiadis and A. Trochidis, "A two-dimensional wavelet transform for detection of cracks in plates", Engineering Structures, Vol. 27, no. 9, pp. 1327-1338, August 2005.

2006

Andrikopoulos, K. S. Christofilos, D. Kourouklis G. A.,. Yannopoulos S. N, 2006, Pressure Dependence of the Boson peak in glassy As₂S₃ studied by Raman Scattering, Journal of Non-Crystalline Solids 352, 42-46, 4594-4600.

Arvanitidis J., Christofilos D., Kourouklis G. A., Delimitis A., Katsikini M., Komninou Ph., Ves S., Dimakis E., and Georgakilas A., 2006, Depth profile of the biaxial strain in a 10 μm thick InN (0001) film, Journal of Applied Physics 100, 11, 113516.

Christofilos D., Arvanitidis J., Tzampazis C., Papagelis K., Takenobu T., Iwasa Y., Kataura H., Lioutas C., Ves S., and Kourouklis G. A. 2006, Raman study of metallic carbon nanotubes at elevated pressure, Diamond and Related Materials 15, 4-8, 1075-1079.

Christofilos D., Efthimiopoulos E., Arvanitidis J., Papagelis K., Ves S., and Kourouklis G. A., 2006, Raman study of polycrystalline PbWO₄ under high pressure, High Pressure Research 26, 4, 421-425

Del Fatti N., Muskens O., Christofilos D. and Vallée F., 2006, Optical spectroscopy of a single noble metal nanoparticle, Journal of Optics A: Pure and Applied Optics 8, 4, S264-S272.

Ioannidou T. , B. Kleihaus, and J. Kunz, Platonic Gravitating Skyrmions, Phys. Let. B 635, 1427-1431 (2006)

- Ioannidou T. , B. Kleihaus, and J. Kunz, Spinning Gravitating Skyrmsions, Phys.Lett.B643:213-220 (2006)
- Ioannidou T. and B. Kleihaus, Non-BPS Black Holes in N=4 SUSY Yang-Mills Theory Coupled to Gravity, JHEP P01, 32 (2006)
- Kaburlasos V.G. and Kehagias Ath.. "Novel fuzzy inference system (FIS) analysis and design based on lattice theory. Part I: Working principles". International Journal of General Systems, Volume 35, Pages 45-67, 2006.
- Kehagias Ath. and V. Fortin."Time series segmentation with shifting means hidden Markov models". Nonlinear Processes in Geophysics, Volume 13, Pages 339-352, 2006.
- Kehagias Ath. and Vezerides K.. "Computation of Fuzzy Truth Values for the Liar and Related Self-Referential Systems". J. of Mult.Valued Logic and Soft Computing, vol.12, pp.539-559, 2006.
- Kehagias Ath., Ev. Nidelkou and Petridis V.. "A dynamic programming segmentation procedure for hydrological and environmental time series". Stoch. Env. Res. Risk Anal., Volume 20, Pages 77-94, 2006.
- Kugiumtzis D., Papan A., Tsimpiris A., Vlachos I., Larsson P.G., 2006, Time series feature evaluation in discriminating preictal EEG states, Lecture Notes in Computer Science, 4345, 298-310.
- Meletov K. P., Davydov V. A., Rakhmanina A. V., Agafonov V., Arvanitidis J., Christofilos D., Andrikopoulos K. S., and Kourouklis G. A., 2006, Influence of pressure on the photopolymerization rate of the linear orthorhombic polymer of C60, Chemical Physics Letters 428, 4-6, 298-302.
- Rekanos I.T. and Yioultsis T.V., "Convergence enhancement for the vector finite element modeling of microwaves and antennas via differential evolution," International Journal of Electronics and Communications (AEÜ), vol. 60, no. 6, pp. 428-434, June 2006.
- Rekanos I.T. and Hadjileontiadis L.J., "An iterative kurtosis-based technique for the detection of nonstationary bioacoustic signals," Signal Processing, vol. 86, no. 12, pp. 3787-3795, Dec. 2006.
- Serafimidis K. and Kehagias Ath.. "Some Remarks on Congruences obtained from the L-Fuzzy Nakano Hyperoperation". Information Sciences, Volume 176, Issue 3 , Pages 301-320, 2006.
- Tsitsos S., Gibson A.A.P., L.E. Davis, and Rekanos I.T., "Design of 3-pole PCS-type monoblock filter using an equivalent circuit approach," International Journal of Electronics and Communications (AEÜ), vol. 60, no. 9, pp. 638-646, Oct. 2006.

Άρθρα σε πρακτικά συνεδρίων με κριτές

2001

Bamnios Y., Douka E. and Trochidis A., "Crack identification in beam structures using both mechanical impedance and eigenfrequency changes", American Society of Mechanical Engineering (ASME)-Greek Section, 1st National Conference on Recent Advances in Mechanical Engineering, Patras, Greece, September 17-20, 2001.

Bamnios Y., Douka E. and Trochidis A., "Crack identification in beam structures", Proceedings of the 6th National Congress on Mechanics, Hellenic Society of Theoretical and Applied Mechanics (HSTAM), Thessaloniki, Greece, July 19-21, 2001, Vol. III, pp. 342-348.

Douka E., B. Polyzos and Trochidis A., "Evolution of persistent slip bands in fatigued metals", Proceedings of the 6th National Congress on Mechanics, Hellenic Society of Theoretical and Applied Mechanics (HSTAM), Thessaloniki, Greece, July 19-21, 2001, Vol. III, pp. 335-341.

Douka E., B. Polyzos and Trochidis A., "Mechanisms of acoustic emission during plastic deformation of crystal", Proceedings of the International Internet Conference Acoustic Emission 2001, P. Mazal, P. Benes & L. Pazdera (eds), Brno March-September 2001, pp. 37-46.

Kanaki M.A. and Rekanos I.T., "Estimation of the monthly median foF2 value by using neural networks," PIERS '2001, Progress in Electromagnetic Research Symposium, Osaka, Japan, 18-22 July, 2001, pp. 427.

Kugiumtzis D., Aifantis E.C., 2001, Time series analysis and the deterministic structure of the PLC effect, Proceedings of the 6th National Congress of Mechanics, Thessaloniki, Ed. Aifantis E.C., Kounadis A.N., Vol. III, 29-34.

Petridis V., Kaburlasos V.G., P. Fragkou and Athanasios Kehagias. "Text Classification Using the sigma-FLNMAP Neural Network". Proceedings of the Int. Joint Conference on Neural Networks, Washington, DC, 2001.

Rekanos I.T., "A neural network based inverse scattering technique for on-line microwave medical imaging," COMPUMAG '2001, Proceedings of the 13th Conference on the Computation of Electromagnetic Fields, Evian, France, July 2-5, 2001, vol. 4, pp. 128-129.

Rekanos I.T., "Inverse scattering in the time domain: the distorted Born iterative method using an FDTD sensitivity analysis scheme," COMPUMAG '2001, Proceedings of the 13th Conference on the Computation of Electromagnetic Fields, Evian, France, July 2-5, 2001, vol. 3, pp. 18-19.

Rekanos I.T., "Radial basis function neural networks for on-line inverse scattering applications," PIERS '2001, Progress in Electromagnetic Research Symposium, Osaka, Japan, 18-22 July, 2001, pp. 139. (invited)

Zhao X., Rekanos I.T., and P. Vainikainen, "A general simulation method for 3-D received signal level in wideband mobile communications," WPMC '01, The 4th International Symposium on Wireless Personal Multimedia Communications, Aalborg, Denmark, Sept. 9-12, 2001, vol. 2, pp. 493-496.

2002

Hadjileontiadis L.J. and Rekanos I.T., "Fractal dimension: A simple tool for efficient detection of discontinuous lung sounds," 27th Annual Conference of the International Lung Sounds Association, Stockholm, Sweden, 12-13 Sept., 2002, pp. 9.

Hadjileontiadis L.J. and Rekanos I.T., "On efficiently detecting fine/coarse crackles and squawks in lung sound recordings by means of fractal dimension," 12th European Respiratory Society Annual Congress, Stockholm, Sweden, 14-18 Sept., 2002. (Also in European Respiratory Journal, vol. 20, suppl. 38, pp. 33, Sept. 2002).

Kanaki M.A. and Rekanos I.T., "Modeling of the monthly median foF2 value by utilizing radial basis function neural networks," PIERS '2002, Progress in Electromagnetic Research Symposium, Cambridge, Massachusetts, USA, 1-5 July, 2002, pp. 481.

Kehagias Ath.. "L-fuzzy Meet and Join Hyperoperations". Proceedings of 8th Conference on Algebraic Hyperstructures and Applications, Samothraki, 2002.

Kugiumtzis D., 2002, Surrogate data test for nonlinearity: a new approach, Proceedings of the 1st European Interdisciplinary School on Nonlinear Dynamics for System and Signal Analysis, EUROATTRACTOR 2000, Warsaw, Ed. Klonowski W., Pabst Science Publishers, 326-337.

Rekanos I.T., "Microwave imaging based on the differential formulation of the direct scattering problem and the use of vector finite elements," 6th International Workshop on Finite Element for Microwave Engineering Antennas, Circuits, and Devices, Chios, Greece, 30 May-1 June 2002, pp. 8.

Rekanos I.T., "Microwave imaging in the time domain of buried multiple scatterers by using an FDTD-based optimization technique," IEEE CEFC 2002, Proceedings of the 10th Biennial IEEE Conference on Electromagnetic Field Computation, Perugia, Italy, 16-19 June, 2002, pp. 186.

Rekanos I.T., "Microwave imaging in the time domain using the FDTD method," PIERS '2002, Progress in Electromagnetic Research Symposium, Cambridge, Massachusetts, USA, 1-5 July, 2002, pp. 23. (invited)

Serafimidis K., M. Konstantinidou and Kehagias Ath.. "L-fuzzy Nakano `Hyperlattice'". Proceedings of 8th Conference on Algebraic Hyperstructures and Applications, Samothraki, 2002.

Κουγιουμτζής Δ., 2002, Τεστ μη-γραμμικότητας με υποκατάστατα δεδομένα, Πρακτικά 15ου Πανελληνίου Συνεδρίου Στατιστικής, Ιωάννινα, 363-370.

Μπάμνιος Γ., Ε. Δούκα και Α. Τροχίδης, «Ανίχνευση ρωγμών σε ράβδους με χρήση σύνθετης μηχανικής αντίστασης, Ελληνικό Ινστιτούτο Ακουστικής, Ακουστική 2002, 1ο Πανελλήνιο Συνέδριο, Πάτρα, 30/9-1/10 2002.

2003

Bamnios Y., Douka E. and Trochidis A., "Identification of cracks in single and double-cracked beams using mechanical impedance", Proceedings of the 10th International Congress on Sound and Vibration, International Institute of Acoustics and Vibration (IIAV), Stockholm, Sweden, July 7-10, 2003, pp. 1267-1274.

Douka E., S. Loutridis and Trochidis A., "Crack identification in beam and plate structures using wavelet analysis", Proceedings of the 3rd International Conference on Emerging Technologies in Non Destructive Testing, Van Hemelrijck, Anastasopoulos & Melanitis (eds), Swets & Zeitlinger Publishers, Thessaloniki, Greece, May 26-28, 2003, pp. 193-198.

Hadjileontiadis L.J. and Rekanos I.T., "Enhancement of explosive bowel sounds using kurtosis-based filtering," 25th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, IEEE EMBS 2003, Cancun, Mexico, 17-21 Sept., 2003, pp. 2479-2482.

Hadjileontiadis L.J. and Rekanos I.T., and T. Penzel, "De-noising of discontinuous lung sounds using kurtosis-based filtering," 28th Annual Conference of the International Lung Sounds Association, Cancun, Mexico, 15-16 Sept., 2003, p. 29.

Kehagias Ath. and Serafimidis K.. "Multi-valued t-Norms and t-Conorms". Proceedings of 7th Joint Conference on Information Sciences, Cary, North Carolina, 2003.

Kehagias Ath., P. Fragkou, Petridis V.. "Linear Text Segmentation using a Dynamic Programming Algorithm". Proceedings of 10th Conference of Eur. Assoc. for Computational Linguistics, Budapest, 2003.

Kugiumtzis D., Bora-Senta E., 2003, Gaussian modelling of non-Gaussian time series, Proceedings of the 18th International Workshop on Statistical Modelling, Leuven, Belgium, Ed. Verbeke G., Molenberghs G., Aerts M., Fieuws S., Katholieke Universiteit Leuven, 239-243.

Rekanos I.T., Yioultsis T.V., and C.S. Hilas, "Microwave imaging technique based on vector finite elements," ISEF '03, Maribor, Slovenia, 18-20 Sept., 2003, vol. 2, pp. 697-702.

Yioultsis T.V., Rekanos I.T., and T.D. Tsiboukis, "Investigation of optimization techniques for the convergence improvement of higher-order Whitney element FEM in RF and microwave analysis," COMPUMAG 2003, Proceedings of the 14th Conference on the Computation of Electromagnetic Fields, Saratoga Springs, New York, USA, 13-17 July, 2003, pp. 208-209. [P75614.pdf]

Zhao X., Rekanos I.T., and P. Vainikainen, "A recommended Maliuzhinets diffraction coefficient for right angle lossy wedges," IEE, EPMCC 2003, 5th European Personal Mobile Communication Conference, Glasgow, Scotland, UK, 22-25 April, 2003, pp. 195-198.

Κουγιουμτζής Δ., Κεχαγιάς Θ., 2003, Φραγμένος τυχαίος περίπατος εναλλασσόμενης κατεύθυνσης: μοντέλο για χρονοσειρές ταλαντώσεων, Πρακτικά 16ου Πανελληνίου Συνεδρίου Στατιστικής, Καβάλα, 271-279.

2004

Kaburlasos V.G. and Kehagias Ath.. "Novel analysis and design of fuzzy inference systems based on lattice theory". Proceedings of IEEE International Conference on Fuzzy Systems, Budapest, 2004.

Trochidis A. and Douka E., "Non-linear dynamic response of a cantilever beam with a breathing crack", Proceedings of the 11th International Congress on Sound and Vibration (ICSV11), Saint Petersburg, Russia July 5-8, 2004.

Κουγιουμτζής Δ., Μπόρα-Σέντα Ε., 2004, Γραμμική μοντελοποίηση μηχανικών χρονοσειρών μέσω μετασχηματισμού σε κανονικές χρονοσειρές, Πρακτικά 17ου Πανελληνίου Συνεδρίου Στατιστικής, Λευκάδα, 243-250.

2005

Del Fatti N., Muskens O., Christofilos D., Vallée F., 2005, Optical spectroscopy of metal nanoparticles: Single particle detection, Proceedings of SPIE - The International Society for Optical Engineering 5725, 318-328

Mastorocostas P., D. Varsamis, C. Mastorocostas, and Rekanos I.T., "An accelerating learning algorithm for block-diagonal recurrent neural networks," Int. Conf. on Computational Intelligence for Modeling, Control and Automation, CIMCA 2005, Vienna, Austria, 28-30 Nov., 2005, vol. 2, pp. 403-408.

Mastorocostas P.A. and Rekanos I.T., "Simulated annealing dynamic RPROP for training recurrent fuzzy systems," 14th IEEE International Conference on Fuzzy Systems, Reno, Nevada, USA, 22-25 May, 2005, pp. 1086-1091.

Rekanos I.T. and Kanaki M.A., "Microwave imaging of two-dimensional conducting scatterers using particle swarm optimization," ISEF '05, Baiona, Spain, 15-17 Sept., 2005.

Yioultsis T.V., T.I. Kosmanis, Rekanos I.T., and T.D. Tsiboukis, "Investigation of EMC in high-speed on-chip transmission lines by a new quasi-static finite difference – FEM technique, 6th International Symposium on Electromagnetic Compatibility and Electromagnetic Ecology, St. Petersburg, Russia, 21-24 June, 2005, pp. 171-174.

Κουγιουμτζής Δ., 2005, Μη-γραμμική ανάλυση χρονοσειρών, Πρακτικά 18ου Θερινού Σχολείου και Πανελληνίου Συνεδρίου στη Μη-γραμμική επιστήμη και Πολυπλοκότητα, Βόλος, 319-342.

Κουγιουμτζής Δ., Μπόρα-Σέντα Ε., 2005, "Γκαουσιανός" συντελεστής συσχέτισης μη-Γκαουσιανών μεταβλητών, Πρακτικά 18ου Πανελληνίου Συνεδρίου Στατιστικής, Ρόδος, 191-200.

Παπάνα Α., Κουγιουμτζής Δ., 2005, Αθροιστική συνάρτηση αμοιβαίας πληροφορίας ως στατιστική ελέγχου μη-γραμμικότητας χρονοσειρών, Πρακτικά 18ου Πανελληνίου Συνεδρίου Στατιστικής, Ρόδος, 315-324.

2006

Apostoloudia A., Douka E., Hadjileontiadis L.J., Rekanos I.T., and Trochidis A., "Damage detection in beams using time-frequency analysis of transient flexural waves," 13th International Congress on Sound and Vibration, Vienna, Austria, 2-6 July, 2006.

Apostoloudia A., Douka E., Hadjileontiadis L.J., Rekanos I.T., and Trochidis A., "Damage detection in beams using time-frequency analysis of transient flexural waves," 13th International Congress on Sound and Vibration, Vienna, Austria, 2-6 July, 2006.

Goudos S.K., C.S. Hilas, Rekanos I.T., and J.N. Sahalos, "EMI from ICs and PCBs inside high speed networking equipment," EMC Europe 2006, Barcelona, Spain, 4-8 Sept., 2006, 6 pages.

Rekanos I.T. and Trochidis A., "Finite difference computational scheme for nonlinear longitudinal wave propagation in damaged beams," 1st Greek-French Workshop on Computational Aspects of Acoustic Wave Propagation, Heraklion, Greece, 20-21 Sept., 2006.

Rekanos I.T. and Trochidis A., "Shape reconstruction of two-dimensional acoustic obstacle using particle swarm optimization," 1st Greek-French Workshop on Computational Aspects of Acoustic Wave Propagation, Heraklion, Greece, 20-21 Sept., 2006.

Tsimpiris A., Kugiumtzis D., 2006, Clustering of oscillating dynamical systems from time series data bases, Electronic Proceedings of the International Workshop on Knowledge Extraction and Modeling, Capri, Italy.

Yioultsis T.V., T.I. Kosmanis, Rekanos I.T., and T.D. Tsiboukis, "EMC analysis of high-speed on-chip interconnects via a mixed quasi-static finite difference – FEM technique," IEEE CEFC 2006, Proceedings of the 12th Biennial IEEE Conference on Electromagnetic Field Computation, Miami, Florida, USA, 30 April - 3 May, 2006, pp. 266.

Άρθρα σε βιβλία**2001**

Avlonitis M., Ioannidou T., G. Frantziskonis and E. C. Aifantis, Statistical Aspects of Gradient Theory, *J. Mech. Behav. Mater.* 12, 77-85 (2001)

Christofilos D., Assimopoulos S., Tsilika I., Meletov K. P., Bashkin I. O., Kourouklis G. A. and Ves S., 2001, *Frontiers of High Pressure Research II. Application of High Pressure to Low Dimensional Novel Electronic Materials, Optical properties of hydrofullerene C₆₀H₃₆ under pressure*, Ed. Hans Hochheimer, D. Kuchta B., Dorhout P. K., Yarger J. L., Kluwer Academic Publishers in the NATO Sciences Series, 521.

Ioannidou T., B. Piette and W. J. Zakrzewski, Three Dimensional Skyrmions and Harmonic Maps, *CRM Proceeding and Lecture Notes* 29, 273-280 (2001), Editors: A. Coley, D. Levi, C. Rogers, P. Winternitz (Springel-Verlag)

Ioannidou T., Yang-Mills-Higgs Equations and Harmonic Maps, *Concise Encyclopedia on Supersymmetry 2000*, Kluwer Academic Publishers, In press (2001) (Invited Paper) <http://www-home.univer.kharkov.ua/duplij/susy/contrib.html>

Konstantinidis A., A. Kehagias, Ioannidou T. and E. C. Aifantis, Gradient Constitutive Modelling: Neural Networks and Other Black-Box Approaches, *J. Mech. Behav. Mater.* 12, 141-157 (2001)

2002

Ioannidou T., Bogomolny Yang-Mills-Higgs Solutions in (2+1) anti-de Sitter Space, *JHEP Proceedings unesp 2002/019*, Workshop on Integrable Theories, Solitons and Duality, <http://jhep.sissa.it/cgi-bin/PrHEP/cgi/reader/list.cgi?confid=8>

Kugiumtzis D., 2002, State space local linear prediction, *Modelling and Forecasting Financial Data*, Ed. Soofi A., Cao L., Kluwer Academic Publishers, 95-112.

Kugiumtzis D., 2002, Surrogate data test on time series, *Modelling and Forecasting Financial Data*, Ed. Soofi A., Cao L., Kluwer Academic Publishers, 267-282.

Rekanos I.T., "Microwave imaging based on differential formulations of the direct scattering problem. Techniques in the frequency and the time domain," *Microwave Non Destructive Evaluation and Imaging*, Ed.: M. Pastorino, Research Signpost: Kerala, India, pp. 95-119, 2002, ISBN:81-7736-081-7.

2003

Ioannidou T., Non-trivial Scattering in Planar Integrable Systems, *Int. J. Mod. Phys. A* 18, 4975-4998 (2003) (Review Invited Paper)

Ioannidou T., Nontrivial Soliton Scattering in 2+1 Anti-de Sitter Space, *Theor. Math. Phys.* 137, 1472-1475 (2003)

2004

Arbouet A., Guillon C., Christofilos D., Langot P., Del Fatti N. and Vallée F., 2004 Nonequilibrium Physics at Short Time Scales, Short time-scale electron kinetics in bulk metals and metal cluster, Ed. K. Morawetz, Springer Verlag, Berlin, 357.

2005

Ioannidou T. and N. S. Manton, Energy of Scattering Solitons in the Ward Model, *Czech. J. Phys* 55, 1427-1431 (2005)

Ioannidou T., A Koiuroukidis and N. Vlachos, An analytic Approach to Q-Balls, *Theor. Math. Phys.* 144, 1171-1175 (2005)

2006

Hadjileontiadis L.J., Rekanos I.T., and S.M. Panas, "Bioacoustic signals," *Encyclopedia of Biomedical Engineering*, Ed. M. Akay, Wiley and Sons, New York, USA, 2006, ISBN: 047124967X.

Hadjileontiadis L.J., Rekanos I.T., and S.M. Panas, "Higher-order statistics," *Encyclopedia of Biomedical Engineering*, Ed. M. Akay, Wiley and Sons, New York, USA, 2006, ISBN: 047124967X.

Rekanos I.T. and M.A. Kanaki, "Microwave imaging of two-dimensional conducting scatterers using particle swarm optimization," *Electromagnetic Fields in Mechatronics, Electrical and Electronic Engineering*, vol. 27, Eds. A. Krawczyk, S. Wiak, L.M. Fernandez, IOS Press, pp. 84-89, 2006, ISBN: 1586036270.

Άλλες δημοσιεύσεις

2001

Kehagias Ath. and Serafimidis K.. "Multi-valued Connectives for Fuzzy Sets". CS Arxiv TR cs.OH/0306033, 2001.

Kehagias Ath., M. Konstantinidou, "L-Fuzzy Valued Inclusion Measure, L-Fuzzy Similarity and L-Fuzzy Distance", CS Arxiv TR cs.OH/0111002, 2001.

2002

Kehagias Ath., "Hidden Markov model segmentation of hydrological and environmental time series", CS Arxiv TR cs.CE/0206039, 2002.

Kehagias Ath., "The Lattice of Fuzzy Intervals and Sufficient Conditions for its Distributivity", CS Arxiv TR cs.OH/0206025, 2002.

Vezerides K. and Kehagias Ath., "The Liar and Related Paradoxes: Fuzzy Truth Value Assignment for Collections of Self-Referential Sentences", CS Arxiv TR cs.LO/0309046, 2002.

Τμήμα Αγρονόμων Τοπογράφων Μηχανικών

Άρθρα σε περιοδικά με κριτές

2001

Alekseev I.Yu., Antov A.P., Avgoloupis S.J., Beskin G.M., Borisov N.V., Chalenko V.E., Contadakis M.E., Gershberg R.E., Khalak V.R., Konstantinova-Antova R.K., Larionov V.M., Panferova I.P., Plokhotnichenko V.L., Pustil'nik L.A., Romanyuk Ya.O., Seiradakis J.-H., Sergeev S.G., Svyatogorov O.A., Verlyuk I.A., Zhilyaev B.E., 2001, Coordinated observations of the red dwarf flare star EV Lac in 1998, *Kinematic and Physics of Celestial Bodies*, 17, 147-156.

Andritsanos V.D., Sideris M.G., Tziavos I.N., 2001, Quasi-stationary Sea Surface Topography estimation by the multiple input-output method, *Journal of Geodesy*, 75, 216 - 226.

Arabelos, D, G. Asteriadis, M. Contadakis, G. Zioutas, Daoyi Xu, Cunde Zhang and Binghua Zheng, 2001, The use of an outlier detecting method in time series of continuous daily measurements of underground water level and temperature in earthquake prediction investigation. *Tectonophysics*, 338, 315-323,

Arabelos, D, G. Asteriadis, M. Contadakis, G. Zioutas, Daoyi Xu, Cunde Zhang and Binghua Zheng, 2001, The use of an outlier detecting method in time series of continuous daily measurements of underground water level and temperature in earthquake prediction investigation. *Tectonophysics*, 338, 315-323,

Arabelos, D, G. Asteriadis, M. Contadakis, G. Zioutas, Daoyi Xu, Cunde Zhang and Binghua Zheng: The use of an outlier detecting method in time series of continuous daily measurements of underground water level and temperature in earthquake prediction investigation. *Tectonophysics*, 338, 315-323, 2001.

Arabelos, D., C.C. Tscherning. Improvements in height datum transfer expected from the GOCE mission. *Journal of Geodesy*, 75, 308-312, 2001

Asteriadis, G. and Contadakis, M.E." Hydrologic Changes as Possible Earthquake Precursor in Greece " *NHAZ*, Vol. 23 No.(1), pp29-47, January 2001.

Asteriadis, G. and Contadakis, M.E., 2001, Hydrologic Changes as Possible Earthquake Precursor in Greece " *NHAZ*, Vol. 23 No.(1), pp29-47, January 2001.

Basbas S., Nikolaou K., Toskas G., 2001, Environmental impacts of bus traffic in the Thessaloniki Metropolitan Area, *Journal of Environmental Protection and Ecology*, 2, 3, 567-574.

Basbas S., Pyrgidis C., 2001, Model development for rail transportation of hazardous materials in Greece, *Journal of Environmental Protection and Ecology*, 2, 2, 418-427.

Kotsakis C., 2001, Can we filter non-stationary noise from geodetic data with fast spectral (FFT) techniques?, *Bulletin of the International Geoid Service*, 11, 93-114.

Kotsakis C., Sideris M.G., 2001, A modified Wiener-type filter for geodetic estimation problems with non-stationary noise, *Journal of Geodesy*, 75, 12: 647-660.

Nikolaou K., Basbas S., Petrakakis M., Kelessis A., Papadakis N., 2001, Temporal evolution of traffic and air quality in the Thessaloniki municipality area, *Journal of Environmental Protection and Ecology*, 2, 1, 73-78.

Patias, P., V. Tsioukas, L. Sechidis, (2001), *Photogrammetry and Visualization*, Eidgenoessische Technische Hochschule Zuerich, Institut fuer Geodesy und Photogrammetrie, Bericht No. ...

Taxiltaris C., Basbas S., 2001, Rail Corridor X: An inventory of current status and perspectives, *Journal of Rail Engineering International*, 30, 4, 8-13.

Taxiltaris C., Basbas S., 2001, Rail Corridor X: An inventory of current status and perspectives, *Journal of Rail Engineering International*, 30, 4, 8-13.

Tsoulis D (2001) A comparison between the Airy/Heiskanen and the Pratt/Hayford isostatic models for the computation of potential harmonic coefficients, *Journal of Geodesy*, 74, 637-643

Tsoulis D (2001) Terrain correction computations for a densely sampled DTM in the Bavarian Alps, *Journal of Geodesy*, 75, 291-307

Tsoulis D, Petrovic S (2001) On the singularities of the gravity field of a homogeneous polyhedral body, *Geophysics*, 66, 535-539

Μυρίδης Μ. «Γεωγραφικές Σπουδές στις Ελληνικές Πολυτεχνικές Σχολές» *Επι-στη-μο-νι-κό περιοδικό "Γεωγραφίες, Τεύχος 2 – Φθινόπωρο 2001"*, Εκδόσεις Εξάντας, Αθήνα, σελ 61-70.

2002

Arabelos, D.: Comparison of Earth-tide parameters over a large latitude difference. *Geophys. J. Int.* (2002) 151, 950-956.

Asteriadis, G. and Schwan, H. " The Evolution of a Well-known Seismic Area in Northern Greece after a Large Earthquake". *Survey Review*, Vol.36, No.284, 2002.

Bajracharya S., Kotsakis C., Sideris M.G., 2002, Aliasing effects in terrain correction computation using constant and lateral density variation, *Bulletin of the International Geoid Service*, 12, 38-47.

- Fotopoulos G., Kotsakis C., Sideris M.G., 2002, Determination of the achievable accuracy of relative GPS/geoid levelling in northern Canada, *Bulletin of the International Geoid Service*, 12, 29-37.
- Kotsakis C., Sideris M.G., 2002, Non-stationary noise filtering of gravity data using fast spectral techniques, *Bulletin of the International Geoid Service*, 13, 35-40.
- Mintsis G., Taxiltaris C., Basbas S., Patonis P., Filaktakis A., 2002, Analyzing Heavy Goods Vehicle Data Collected At The Main Road Network In Greece, *Transportation Research Record (TRR)*, No.1809, 110-115.
- Mintsis G., Taxiltaris C., Basbas S., Patonis P., Filaktakis A., 2002, Analyzing Heavy Goods Vehicle Data Collected At The Main Road Network In Greece, *Transportation Research Record (TRR)*, No.1809, 110-115.
- Mintsis G., Taxiltaris C., Basbas S., Patonis P., Filaktakis A., 2002, Analyzing Heavy Goods Vehicle Data Collected At The Main Road Network In Greece, *Transportation Research Record (TRR)*, No.1809, 110-115.
- Nikolaou K., Basbas S., Toskas G., 2002, Air pollutant emissions and concentrations based on urban traffic modelling, *Fresenius Environmental Bulletin*, 11, 8, 494-498.
- Nikolaou K., Basbas S., Toskas G., 2002, Noise levels based on urban traffic modelling, *Journal of Environmental Protection and Ecology*, 3, 3, 691-697.
- Patias, P., (2002), Medical Imaging challenges Biostereometrics: A new era of Medical Photogrammetry, *ISPRS Journal Of Photogrammetry and Remote Sensing*, Volume 56, Issues 5-6, August, pp. 295-310.
- Patias, P., (2002), Photogrammetry in the Visualization Era, *SSFF Journal of Swedish Society of Photogrammetry and Remote Sensing, Bildtechnik/Image Science*, Nr. 2002:1, pp. 175-186.
- Taxiltaris C., Basbas S., Miltiadou M., 2002, Current Situation and Future Prospects of the Pan-European Road Corridor X, *IPTS Report*, accepted for publication.
- Taxiltaris C., Basbas S., Miltiadou M., 2002, Current Situation and Future Prospects of the Pan-European Road Corridor X, *IPTS Report*, accepted for publication.
- Taxiltaris C., Basbas S., Nikolaou K., Tzevelekis I., 2002, Environmental impact assessment of major pedestrianization schemes through the use of modelling techniques, *Fresenius Environmental Bulletin*, 11, 10a, 2002, 800-805.
- Taxiltaris C., Basbas S., Nikolaou K., Tzevelekis I., 2002, Environmental impact assessment of major pedestrianization schemes through the use of modelling techniques, *Fresenius Environmental Bulletin*, 11, 10a, 2002, 800-805.

Taxiltaris C., Mintsis G., Basbas S., Proios A., 2002, Indices of external productivity and attractiveness for the Thessaloniki bus network, Traffic Engineering & Control, accepted for publication.

Taxiltaris C., Mintsis G., Basbas S., Proios A., 2002, Indices of external productivity and attractiveness for the Thessaloniki bus network, Traffic Engineering & Control, accepted for publication.

Taxiltaris C., Mintsis G., Basbas S., Proios A., 2002, Indices of external productivity and attractiveness for the Thessaloniki bus network, Traffic Engineering & Control, accepted for publication.

Καρνάβου Ε., Γκιάλης Σ., 2002, Πρόσφατες εξελίξεις στην άτυπη εργασία, μια έρευνα στις Επιθεωρήσεις Εργασίας της Θεσσαλονίκης, Επιθεώρηση Εργασιακών Σχέσεων, 26, 97-109

Μυρίδης Μ., Καρανικόλας Ν., (2002): “Χαρτογραφώντας τον 21ο αιώνα στο Πεκίνο ή ανοίγοντας τον 21ο αιώνα με Χαρτογραφία και ... Σινική δύναμη” Επιστημονικό περιοδικό “Γεωγραφίες, Τεύχος 4 – Χειμώνας 2002-2003”, Εκδόσεις Εξάντας, Αθήνα, σελ. 135-137.

Taxiltaris C., Basbas S., Nikolaou K., 2002, Heavy Goods Vehicles (HGV) and their environmental impacts in central urban areas, Journal of Environmental Protection and Ecology, 3, 3, 682-690.

Taxiltaris C., Basbas S., Nikolaou K., 2002, Heavy Goods Vehicles (HGV) and their environmental impacts in central urban areas, Journal of Environmental Protection and Ecology, 3, 3, 682-690.

2003

Arabelos, D., C.C. Tscherning: Globally covering a-priori gravity covariance models. Advances in Geosciences, 1:143-147, 2003.

B. Zhilyaev, Ya. Romanyuk, O. Svyatogorov, I. Verlyuk, I. Alekseev, M. Lovkaya, S. Avgoloupis, M. Contadakis, J. Seiradakis, A. Antov, and R. Konstantinova-Antova, 2003, Fast UBVRT Colorimetry of Stellar Flares on EV Lacertae, Kinematics and Physics of Celestial Bodies, suppl. No 4, p. 30-35.

Fotopoulos G., Kotsakis C., Sideris M.G., 2003, How accurately can we determine orthometric height differences from GPS and geoid data?, Journal of Surveying Engineering, 129, 1: 1-10.

Huang J.L., Sideris M.G., Tziavos I.N., Vanicek P., 2003, Numerical investigation of downward continuation techniques for gravity anomalies. Bollettino di Geodesia e Scienze Affini, 1, 33 - 48.

Styliadis, A., Patias, P., Zestas, N. (2003), 3-D computer modeling with intra-component, geometric, quality and topological constraints, Informatica 2003, vol. 14, no. 3, pp. 1-18.

Taxiltaris C., Basbas S., Nikolaou K., Toskas G., 2003, Impacts of urban telematics applications on environment, energy and traffic, *Journal of Environmental Protection and Ecology*, 4, 4, 906-915.

Taxiltaris C., Basbas S., Nikolaou K., Toskas G., 2003, Impacts of urban telematics applications on environment, energy and traffic, *Journal of Environmental Protection and Ecology*, 4, 4, 906-915.

Tsoullis D (2003) Numerical investigations in the analytical and semi-analytical computation of gravimetric terrain effects, *Studia geophysica et geodaetica*, 47, 481-494

Tsoullis D (2003) Potential field determination due to the given masses of a Digital Terrain Model for a system of target points, *Bollettino di geofisica teorica ed applicata*, 44, 129-138

Tsoullis D (2003) Terrain modeling in forward gravimetric problems: a case study on local terrain effects, *Journal of Applied Geophysics*, 54, 145-160

Tsoullis D, Wziontek H, Petrovic S (2003) A bilinear approximation of the surface relief in terrain corection computations, *Journal of Geodesy*, 77, 338-344

Vella M.N.J.P., Kotsakis C., 2003, Similarity transformations for GPS heighting, *GIS Development*, 7, 12: 18-22.

Καρανικόλας Ν., Λαφαζάνη Π., Μυρίδης Μ., Ράμναλης Δ. (2003): “Η Απερήμωση των Ορεινών Οικισμών της Ηπείρου στον 20ο Αιώνα: Μια Χαρτογραφική Κατόπτειση” *Επι-στη-μονικό περιοδικό “Γεωγραφίες, Τεύχος 5 – Άνοιξη 2003”*, Εκδόσεις Εξάντας, Αθήνα, σελ 18-35.

Καρανικόλας Ν., Λαφαζάνη Π., Μυρίδης Μ., Ράμναλης Δ. (2003): “Η Απερήμωση των Ορεινών Οικισμών της Ηπείρου στον 20ο Αιώνα: Μια Χαρτογραφική Κατόπτειση” *Ε-πι--στη-μονικό περιοδικό “Γεωγραφίες, Τεύχος 5 – Άνοιξη 2003”*, Εκδόσεις Εξάντας, Α-θή-να, σελ 18-35.

Πικριδάς Χ. Φωτίου Α. 2003. “Μελέτη της ιονοσφαιρικής επίδρασης στο σχετικό προσδιορισμό θέσης με το σύστημα GPS: εφαρμογή στην ευρύτερη περιοχή της Θεσσαλονίκης από δεδομένα μόνιμου σταθμού GPS, *Τεχνικά Χρονικά*, τεύχος ,57-65.

2004

M.E. Contadakis, S. Avgoloupis, J. Seiradakis, B.E. Zhilyaev, Ya. O. Romanyuk, I.A. Verlyuk., O.A. Svyatogorov, V.R. Khalack, A.V. Sergeev, R.K. Konstantinova-Antova, A.P. Antov, R.S. Bachev, I.Y. Alekseev, V.E. Chalenko and D.N. Shakhovskoy, 2004, Detection of high-frequency optical oscillation during the flare phase of EV Lac in 1999, *Astron. Nachr*, 325, No. 5, 427-432.

Arabelos, D.N., Asteriadis, G., Bloutsos, A., Contadakis, M.E., Spatalas, S.D., 2004, Atmospheric tide disturbances as earthquake precursory phenomena. Natural Hazards and Earth System Sciences, 1-7.

Arabelos, D.N., Asteriadis, G., Bloutsos, A., Contadakis, M.E., Spatalas, S.D., 2004, Atmospheric tide disturbances as earthquake precursory phenomena. Natural Hazards and Earth System Sciences, 1-7.

Arabelos, D.N., Asteriadis, G., Bloutsos, A., Contadakis, M.E., Spatalas, S.D.: Atmospheric tide disturbances as earthquake precursory phenomena. Natural Hazards and Earth System Sciences, Vol. 4, No 1, pp1-7, 2004.

Arampatzis G., Tzimopoulos C., Evangelides C., 2004, Numerical solution of Richards' equation with control volume method, Journal of the Mechanical Behaviour of Materials, Freund Publishing House LTD, Vol. 15(4-5), 291-307.

Basbas S., Nikolaou K., Toskas G., 2004, Relative contribution of various diesel vehicle classes to the urban air pollution», Water, Air & Soil Pollution (WAFO): Focus, 4, 4-5, 55-63.

Kotsakis C., 2004, The effect of an unknown data bias in least-squares adjustment: some concerns for the estimation of geodetic parameters, Newton's Bulletin (Joint journal of the International Geoid Service and the Bureau Gravimetricque Internationale), 2, 60-71.

Mintsis G., Basbas S., Papaioannou P. Taxiltaris C., Tziavos I.N., 2004, Applications of GPS technology in the land transportation system, European Journal of Operational Research, 152, 399-409.

Mintsis G., Basbas S., Papaioannou P. Taxiltaris C., Tziavos I.N., 2004, Applications of GPS technology in the land transportation system, European Journal of Operational Research, 152, 399-409.

Mintsis G., Basbas S., Papaioannou P. Taxiltaris C., Tziavos I.N., 2004, Applications of GPS technology in the land transportation system, European Journal of Operational Research, 152, 399-409.

Mintsis G., Basbas S., Papaioannou P., Taxiltaris C., Tziavos I.N., 2004, Applications of GPS technology in the land transportation system, European Journal of Operational Research, 152, 399 – 409.

Nikolaou K., Basbas S., Taxiltaris C., 2004, Assessment of air pollution indicators in an urban area using the DPSIR model, Fresenius Environmental Bulletin, 13, 9, 820-830.

Nikolaou K., Basbas S., Taxiltaris C., 2004, Assessment of air pollution indicators in an urban area using the DPSIR model, Fresenius Environmental Bulletin, 13, 9, 820-830.

Nikolaou K., Toskas G., Taxiltaris C., Basbas S., 2004, Classification of European countries based on air pollution indicators, Journal of Environmental Protection and Ecology, 5, 3, 481-486.

Nikolaou K., Toskas G., Taxiltaris C., Basbas S., 2004, Classification of European countries based on air pollution indicators, *Journal of Environmental Protection and Ecology*, 5, 3, 481-486.

Tsoulis D (2004) Spherical harmonic analysis of the CRUST 2.0 global crustal model, *Journal of Geodesy*, 78, 7-11

Tsoulis D (2004) Two Earth gravity models from the analysis of global crustal data, *Zeitschrift für Vermessungswesen*, 129, 311-316

Nikolaou K., Basbas S., 2004, The use of passenger cars gasoline taxation as a mean to control emissions and energy consumption, *Fresenius Environmental Bulletin*, 13, 9, 808-813.

2005

Evangelides C., Tzimopoulos C., Arampatzis G., 2005, Flux-saturation relationship for unsaturated horizontal flow, *Soil Science*, Lippincott Williams and Wilkins Inc, Vol. 170,9, 671-679.

Gruber C, Tsoulis D, Sneeuw N (2005) CHAMP accelerometer calibration by means of the equation of motion and an a-priori gravity model, *Zeitschrift für Vermessungswesen*, 130, 92-98

Kotsakis C., 2005, A type of biased estimators for linear models with uniformly biased data, *Journal of Geodesy*, 79, 6/7: 341-350.

Kotsakis C., 2005, Deterministic versus stochastic modelling of an unknown bias in linear Gauss-Markov models, *Bollettino di Geodesia e Scienze Affini*, Anno LXIV, 1: 45-58.

Kotsakis C., 2005, On the trade-off between model expansion, model shrinking and parameter estimation accuracy in least-squares data analysis, *Journal of Geodesy*, 79, 8: 460-466.

Kotsakis C., 2005, Unbiasedness vs. unboundedness: an alternative perspective on the principle of least-squares estimation, *Bollettino di Geodesia e Scienze Affini*, Anno LXIV, 3: 183-190.

Parissis, N., Kondylidou-Sidira, A., Tsirlis, A., Patias, P., (2005), Conventional radiographs vs digitized radiographs: image quality assessment, *Dentomaxillofacial Radiology*, 34, 353–356,

R.K. Konstantinova-Antova, A.P. Antov, B.E. Zhilyaev, I.A. Verlyuk, Ya. O. Romanyuk, O.A. Svyatogorov, S. Avgoloupis, J.H. Seiradakis and M.E. Contadakis , 2005, The Flare Activity of V390 Aur: First Results under an International Collaboration, *Astron. Nachr*, 326, No. 1, 38-42.

Taxiltaris C., Mintsis G., Basbas S., 2005, Etat actuel et perspectives des centres de fret intermodaux dans le Sud-Est Européen, *TEC: Transport Environnement Circulation*, 185, 41-48.

Τμήμα Αγρονόμων Τοπογράφων Μηχανικών

Taxiltaris C., Mintsis G., Basbas S., 2005, Etat actuel et perspectives des centres de fret intermodaux dans le Sud-Est Européen, TEC: Transport Environnement Circulation, 185, 41-48.

Taxiltaris C., Mintsis G., Basbas S., 2005, Etat actuel et perspectives des centres de fret intermodaux dans le Sud-Est Européen, TEC: Transport Environnement Circulation, 185, 41-48.

Tsoulis D (2005) The derivation and analysis of topographic/isostatic gravity models up to degree and order 1082, Bollettino di Geodesia e Scienze Affini, 4, 211-225

Tsoulis D, Blasius R (2005) Einige numerische Anmerkungen zu der Messung und Auswertung von relativen Schwerenetzen, Allgemeine Vermessungsnachrichten, 10, 335-341

Tsoulis D, Gruber C, Sneeuw N (2005) A novel approach for the calibration of the CHAMP accelerometer using short data spans, Bollettino di Geodesia e Scienze Affini, 2, 113-128

Tsoulis D, Stary B (2005) An isostatic compensated gravity model using spherical layer distributions, Journal of Geodesy, 78, 418-424

Tzimopoulos C., Evangelides C., Arampatzis G., Anastasiadis E., 2005, Water mass balance in the case of vertical infiltration, Global Nest Journal, Vol. 7(3), 274-280.

Tzimopoulos C., Ginidi P., Evangelides C. and Arampatzis G., 2005, Environmental protection of Koronia Lake – A case study concerning the water volume preservation, IASME Transactions, Published by WSEAS, Vol. 2(3), 422-428.

Tzimopoulos C., Zeibeki. A., Ginidi. P., Evangelides C., 2005, Water resources management in the watershed of Volvi Lake, Global Nest Journal, Vol 7(3), 379-384.

Xenidis Y., Angelides D., Tziavos I.N., Koutitas C., Savvaidis P., 2005, An integrated framework for sustainable coastal zones management in Greece. Invited paper, IASME Transactions, 2(5), 813-822.

M. Μυρίδης, Δ. Ράμναλης, (2005): “Το ευ ζην της Χαρτογραφίας: 8ο Εθνικό Συνέδριο Χαρ-τογραφίας”, Επιστημονικό περιοδικό “Γεωγραφίες, Τεύχος 10 – Φθινόπωρο 2005”, Εκδόσεις Εξάντας, Αθήνα, σελ. 147-150.

Πικριδάς Χ. 2005. "Βαθμονόμηση δεκτών GPS από μετρήσεις σε μηδενική βάση". Τεχνικά Χρονικά, τεύχος 2-3, 81-87.

2006

Arabelos, D., G. Asteriadis, A. Bloutsos, M. Contadakis and S.D. Spatalas: Correlation between seismicity and barometric tidal exalting. Presented at 3rd

Annual Meeting of the Asia Oceania Geosciences Society, Singapore 10-14, July, 2006. Computers & Geosciences (under review).

Basbas S., Papaioannou P., Kokkalis A., 2006, The role of environment in traffic management studies: need for a new approach, Fresenius Environmental Bulletin, 15, 8b, 963-974.

Chalkidis I., Tzimopoulos C., Evangelides C., Yannopoylos S., 2006, Application of Linear and Fuzzy Linear Programming for Water Management of an Aquifer., WSEAS Transactions on Systems, Vol. 5(12), 2844-2849.

Kotsakis C., 2006, Over-parameterized least-squares adjustment with linear models for geodetic and surveying applications, Journal of Surveying Engineering, 132, 4: 135-140.

Kotsakis C., Sideris M.G., 2006, Re-visiting least-squares: A discussion on the leading estimation principle in geodesy, Geodesy and Cartography, 55, 1: 3-22.

Sylaiou S., Liarokapis F., Kotsakis K., Patias P., (2006), 'Virtual Museums, a survey on methods and tools', ACM Journal on Computers and Cultural Heritage (JOCCH) (submitted)

Tóth Gy., Földvály L., Tziavos I.N., Ádám J., 2006, Upward/downward continuation of gravity gradients for precise geoid determination. Acta Geod. Geoph. Hung., 41(1), 21-30.

Tsoulis D, Venesis C (2006) Numerical analysis of crustal database CRUST 2.0 and comparisons with Airy defined Moho signatures, Geodesy and Cartography, 55, 175-191

Vergos G.S., Tziavos I.N., Sideris M.G., 2006, On the validation of CHAMP- and GRACE-type GGMs and the construction of a combined model. Geodesy and Cartography, 55(3), 115-131.

Basbas S., 2006, Environmental evaluation of High Occupancy Vehicles (HOV) lanes, Fresenius Environmental Bulletin, 15, 8a, 791-797.

Άρθρα σε πρακτικά συνεδρίων με κριτές

2001

Arabelos, D.: Calibration of Satellite Gradiometer Data by Ground Gravity Data. Presented at the IAG 2001 Scientific Assembly, 2-7 September 2001, Budapest, Hungary.

Asteriadis, G. and Contadakis, M.E. "Research on Hydrologic Seismic Precursory Phenomena in Greece." Presented in IAGA-IASPEI Joint Scientific Assembly, Hanoi, Vietnam, 19-31 August, 2001.

Asteriadis, G. and Contadakis, M.E. "Research on Hydrologic Seismic Precursory Phenomena in Greece." Presented in IAGA-IASPEI Joint Scientific Assembly, Hanoi, Vietnam, 19-31 August, 2001.

Basbas S., Taxiltaris C., 2001, Design of an integrated and effective urban public transport scheme for small and medium size cities, Proceedings of the 7th International Conference: Urban Transport and the Environment in the 21st Century – Urban Transport VII, Wessex Institute of Technology, Series: Advances in Transport, Vol.8, Ed. Sucharov L.J., Brebbia C.A., Lemnos, 13-22.

Basbas S., Taxiltaris C., 2001, Design of an integrated and effective urban public transport scheme for small and medium size cities, Proceedings of the 7th International Conference: Urban Transport and the Environment in the 21st Century – Urban Transport VII, Wessex Institute of Technology, Series: Advances in Transport, Vol.8, Ed. Sucharov L.J., Brebbia C.A., Lemnos, 13-22.

Basbas S., Taxiltaris C., 2001, The quality of an urban public transport system as perceived by the users, Proceedings of the European Transport Conference 2001, Association for European Transport (AET), Planning and Transport Research and Computation (PTRC), Cambridge, 1-12.

Basbas S., Taxiltaris C., 2001, The quality of an urban public transport system as perceived by the users, Proceedings of the European Transport Conference 2001, Association for European Transport (AET), Planning and Transport Research and Computation (PTRC), Cambridge, 1-12.

Contadakis, M. and Asteriadis. G.,2001,"Three years results of the research for preseismic phenomena on the underground water level and temperature in Pieria,Northern Greece". Presented in XXVI General Assembly of the EGS, Symposium "Seismic Hazard Evaluation, Precursory Phenomena and Reliability of Predictions ", 26-30 March, Nice, France. Geophysical Research Abstracts Volume 3,2001.

Contadakis, M. and Asteriadis. G.,2001,"Three years results of the research for preseismic phenomena on the underground water level and temperature in Pieria,Northern Greece". Presented in XXVI General Assembly of the EGS, Symposium "Seismic Hazard Evaluation, Precursory Phenomena and

Reliability of Predictions ", 26-30 March, Nice, France. Geophysical Research Abstracts Volume 3,2001.

Dinakis, L., N. Karanikolas, K. Papadimitriou, P. Patias, E. Stylianidis, (2001) : The use of low-cost technology for real-time mapping and imaging applications, Proc. of 5th Conference on Optical 3D measurement techniques, Oct. 1-3, Vienna, Austria, pp.

Featherstone W.E., Holmes S.A., Tziavos I.N., Andritsanos V.D., 2001, Generalisation of vertical deflection formulae for a reference spheroid: Application to Australia and Greece. Presented at the IAG Scientific Assembly, Budapest, Hungary, Sept. 2 - 8, 2001.

G. Mintsis, S. Basbas, P. Papaioannou, C. Taxiltaris and I.N. Tziavos, 2001: Applications of GPS technology in the land transportation system. Proceedings, 13th National Conference, Hellenic operational Society "Transport and New Technology", Athens, Greece, 30 Nov. - 2 Dec., 2001, pp. 53-64.

Gemenetzis, D, H. Georgiadis, P. Patias, (2001) : Virtuality and Documentation, IAPRS, Vol. XXXIV, Part 5/W1, Ayutthaya, Thailand, pp. 159-164.

Karanikolas N, Lafazani P., Myridis M. (2001): «Designing an electronic socio-economic new atlas of Greece». International Conference of I.C.A. (Beijing 2001).

Karanikolas N, Lafazani P., Myridis M.(2001): «Designing an electronic socio-economic new atlas of Greece». International Conference of I.C.A. (Beijing 2001).

Karnavou E., Gritzas G., 2001, Assessing achievements and prospects of GI and GIS in Greece: Towards a generic conceptual framework, Proceedings of the 4th AGILE conference, 19-21 April 2001, Brno, Czech Republic

Kokkalis A., Tsohos G., Basbas S., 2001, Standardizing environmental provisions for roadworks in Greece, Proceedings of the International Conference on Eco-management and auditing, Katholieke Universiteit Nijmegen, Nijmegen School of Management (NSM), The Netherlands, 187-194.

Kotsakis C., Sideris M.G., 2001, On the adjustment of combined GPS/Levelling/Geoid networks (extended abstract). Proceedings of the IV Hotine-Marussi Symposium on Mathematical Geodesy, Trento, Italy, September 14-17, 1998. In: IAG Symposia Series (B. Benciolini, ed.), Springer-Verlag, Berlin Heidelberg, vol. 122, pp. 165-166.

Kousoulakou, A., P. Patias, L. Sechidis, E. Stylianidis, (2001) : Desktop cartographic augmented reality : 3D mapping and inverse photogrammetry in convergence, Proc. of the 20th ICA Conference, Aug. 6-10, Beijing, pp. 2506-2513.

Mintsis G., Taxiltaris C., Basbas S. Pitsiava-Latinopoulou M., Tsohos G., Papaioannou P., 2001, The modernization of the drivers' training and examination system in Greece through the design and operation of training and examination centers, Proceedings of the 7th International Congress on Driver Improvement, Austrian Road Safety Board (KfV), Board for Safety and Prevention, Federal Highway Research Institute (BASt), Swiss Council for Accident Prevention (bfu), Salzburg, 1-12.

Mintsis G., Taxiltaris C., Basbas S. Pitsiava-Latinopoulou M., Tsohos G., Papaioannou P., 2001, The modernization of the drivers' training and examination system in Greece through the design and operation of training and examination centers, Proceedings of the 7th International Congress on Driver Improvement, Austrian Road Safety Board (KfV), Board for Safety and Prevention, Federal Highway Research Institute (BASt), Swiss Council for Accident Prevention (bfu), Salzburg, 1-12.

Mintsis G., Taxiltaris C., Basbas S. Pitsiava-Latinopoulou M., Tsohos G., Papaioannou P., 2001, The modernization of the drivers' training and examination system in Greece through the design and operation of training and examination centers, Proceedings of the 7th International Congress on Driver Improvement, Austrian Road Safety Board (KfV), Board for Safety and Prevention, Federal Highway Research Institute (BASt), Swiss Council for Accident Prevention (bfu), Salzburg, 1-12.

Nikolaou K., Basbas S., Toskas G., 2001, Environmental evaluation of traffic scenarios in a congested central city area, Proceedings of the 7th International Conference on Environmental Science and Technology, Ed. Lekkas T., Global NEST-University of the Aegean, Ermoupolis, Vol.2, 666-673.

Papaioannou P., Basbas S., Evangelidis K., 2001, Evaluation of traffic noise levels as a result of urban transport measures applying a GIS-based technology, Proceedings of the 4th European Conference on Noise Control (EURONOISE), European Acoustics Association (EEA), Laboratory of Fluid Mechanics and Energy, University of Patras, Ed. Tsahalis T.D., Patras, 1-18.

Papaioannou P., Taxiltaris C., Basbas S., 2001, The involvement of the public in the design process of short-term traffic management measures, Proceedings of the 14th International Cooperation on Theories and Concepts in Traffic Safety (ICTCT) workshop on Road Users Characteristics with Emphasis on Life Styles, Quality of Life and Safety, Caserta, 1-10.

Papaioannou P., Taxiltaris C., Basbas S., 2001, The involvement of the public in the design process of short-term traffic management measures, Proceedings of the 14th International Cooperation on Theories and Concepts in Traffic Safety (ICTCT) workshop on Road Users Characteristics with Emphasis on Life Styles, Quality of Life and Safety, Caserta, 1-10.

Patias, P., (2001) : Caring for the Past, aiming at the Future : Plans and Policy of ISPRS Commission V (Keynote Address), IAPRS, Vol. XXXIV, Part 5/W1, Ayutthaya, Thailand, pp. 1-5.

Patias, P., (2001) : Visualization Issues in Photogrammetry, Proc. of the 3rd International Image sensing Seminar on New developments in Digital Photogrammetry, Gifu, Japan, Sept. 24-27, pp. 4-6.

Pitsiava-Latinopoulou M., Tsohos G., Basbas S., 2001, Trip generation rates and land use – transport planning in urban environment, Proceedings of the 7th International Conference: Urban Transport and the Environment in the 21st Century – Urban Transport VII, Wessex Institute of Technology, Series: Advances in Transport, Vol.8, Ed. Sucharov L.J., Brebbia C.A., Lemnos, 297-306.

Pitsiava-Latinopoulou M., Tsohos G., Basbas S., Kokkalis A., 2001, Investigation of accidents involving vulnerable road users in Greek urban areas, Proceedings of the 12th International Conference: Traffic Safety in Three Continents, The Russian Ministry of Transport, State Scientific and Research Institute of Road Transport (NIIAT), Swedish National Road and Transport Research Institute (VTI), Forum of European Road Safety Research Institutes (FERSI), South African Council for Scientific & Industrial Research (CSIR), U.S. Transportation Research Board (TRB), Moscow, 1-7.

Rossikopoulos, D. and A. Fotiou, 2001. “ The sequential approach in geodetic determination of crustal deformations. Poster presentation, “ Vistas for Geodesy in the New Millenium”. IAG 2001 Scientific Assembly. 2 – 7 September 2001, Budapest, Hungary.

Sechidis, L., V. Tsioukas, P. Patias, (2001) : Geo-referenced video as visualization and measurement tool for cultural heritage, Proc. of CIPA-2001 International Symposium, Potsdam, Germany, Sept. 18-21, pp. 293-299.

Stylianidis, E., L. Sechidis, P. Patias, S. Spatalas, (2001) : Generating Orthoimages for close-range objects by automatically detecting breaklines, Proc. of Turkish-German Geodetic days, Berlin, pp.

Taxiltaris C., 2001, Des plans de circulation urbaine à la première ébauche de plans de déplacements pour les villes moyennes en Grèce”, Actes du 8e Congrès International francophone de l` ATEC, Paris, 155-164.

Taxiltaris C., 2001, Findings on HGVs Traffic in the Greek part of the TERN”, Proceedings of the 14th International Road Federation (IRF) Road World Congress, Paris, 1-15.

Taxiltaris C., Basbas S., 2001, Towards the restoration of the direct connection between the South-East and the Central Europe: the re-opening of the Pan-European Corridor X, Proceedings of the 14th International Road Federation (IRF) Road World Congress, Paris, 1-15.

Taxiltaris C., Basbas S., 2001, Towards the restoration of the direct connection between the South-East and the Central Europe: the re-opening of the Pan-European Corridor X, Proceedings of the 14th International Road Federation (IRF) Road World Congress, Paris, 1-15.

Taxiltaris C., Pitsiava-Latinopoulou M., Basbas S., 2001, Design of an environment friendly parking policy for historical areas in city centers. The experience from Greek cities, Proceedings of the World Parking Symposium III – Parking & Transportation for a Green World, The Canadian Parking Foundation, St.Andrews, 1-10.

Taxiltaris C., Pitsiava-Latinopoulou M., Basbas S., 2001, Design of an environment friendly parking policy for historical areas in city centers. The experience from Greek cities, Proceedings of the World Parking Symposium III – Parking & Transportation for a Green World, The Canadian Parking Foundation, St.Andrews, 1-10.

Toth Gy., Rosza Sz., Adam J., I.N. Tziavos, 2001, Gravity field modeling by torsion balance data – a case study in Hungary. International Association of Geodesy Symposia, J. Ádám and K.-P. Schwarz (eds.), Vistas for Geodesy in the New Millenium, Springer-Verlag, pp. 193 – 198.

Tsioukas, V., L. Sechidis, P. Patias, (2001) : Low-cost visualization and measuring tool for achitectural and archaeological photogrammetric applications, Proc. of CIPA-2001 International Symposium, Potsdam, Germany, Sept. 18-21, pp. 306-309.

Tsioukas, V., P. Patias, S. Spatalas, (2001) : The concept of neutral geometry of digital images and its application in data fusion, Proc. of Turkish-German Geodetic days, Berlin, pp.

Tzimopoulos C., Evangelides C., 2001 Hydrodynamic parameter estimation in a horizontal unsaturated soil column, 1st International Conference on Water Resources Management-Ground Water Flow by WESSEX, Halkidiki, Greece, 281-290.

Καρανικόλας Ν., Λαφαζάνη Π., Μυρίδης Μ., Ράμναλης Δ.(2001) «Diasporas Ar-mé-ni-en-ne et Grecque: Une Cartographie Comparative». Πρακτικά του Διεθνούς Διε-πι-στη-μο-νικού Συνεδρίου με τίτλο “Arméniens et Grecs en Diaspora – Approches Comparatives”, που διοργάνωσε το Γαλλικό Ινστιτούτο Αθηνών (Ecole Francaise d’ A-thènes), Αθήνα, 3-7 Οκτωβρίου 2001, σελ. 33 – 41.

Καρανικόλας Ν., Λαφαζάνη Π., Μυρίδης Μ., Ράμναλης Δ.(2001) «Diasporas Ar-mé-ni-en-ne et Grecque: Une Cartographie Comparative». Πρακτικά του Διεθνούς Διε-πι-στη-μο-νικού Συνεδρίου με τίτλο “Arméniens et Grecs en Diaspora – Approches Com-ra-ra-tives”, που διοργάνωσε το Γαλλικό Ινστιτούτο Αθηνών (Ecole Francaise d’ A-thènes), Αθήνα, 3-7 Οκτωβρίου 2001, σελ. 33 – 41.

Καρανικόλας Ν., Λαφαζάνη Π., Μυρίδης Μ., Ράμναλης Δ., (2001): «Η απερέμωση των ορεινών οικισμών της Βόρειας Ελλάδας. Σχεδιάζοντας ένα παρατηρητήριο για τις αλλοιώσεις του οικιστικού δικτύου των χωρών της Βαλκανικής». Πρακτικά του Διεθνούς Συ-νεδρίου με τίτλο “Οικονομικός, κοινωνικός, περιβαλλοντικός και πολεοδομικός ε-πα-να-σχε-διασμός υποβαθμισμένων ή κατεστραμμένων περιοχών της Ευρώπης”, που

δι-ορ-γά-νω-σε ο Τομέας Πολεοδομίας Χωροταξίας και Περιφερειακής Ανάπτυξης του Τμήματος Αρχιτεκτόνων του Α.Π.Θ. σε συνεργασία με το Planning and Environmental Research Group (PERG) της Βασιλικής Γεωγραφικής Εταιρίας με το Ινστιτούτο Βρετανών Γε-ωγράφων (RGS with IBG), Θεσσαλονίκη, 1-5 Σεπτεμβρίου 2001, σελ. 81-95.

Καρανικόλας Ν., Λαφαζάνη Π., Μυρίδης Μ., Ράμναλης Δ., (2001): «Η απερίημωση των ορεινών οικισμών της Βόρειας Ελλάδας. Σχεδιάζοντας ένα παρατηρητήριο για τις αλλοιώσεις του οικιστικού δικτύου των χωρών της Βαλκανικής». Πρακτικά του Διεθνούς Συ-νεδρίου με τίτλο “Οικονομικός, κοινωνικός, περιβαλλοντικός και πολεοδομικός ε-πα-να-σχε-διασμός υποβαθμισμένων ή κατεστραμμένων περιοχών της Ευρώπης”, που δι-ορ-γά-νω-σε ο Τομέας Πολεοδομίας Χωροταξίας και Περιφερειακής Ανάπτυξης του Τμήματος Αρχιτεκτόνων του Α.Π.Θ. σε συνεργασία με το Planning and Environmental Research Group (PERG) της Βασιλικής Γεωγραφικής Εταιρίας με το Ινστιτούτο Βρετανών Γε-ωγράφων (RGS with IBG), Θεσσαλονίκη, 1-5 Σεπτεμβρίου 2001, σελ. 81-95.

Οικονόμου Ε., Τζάνου Ε. και Γείτονας Α., «Περιβαλλοντικός επανασχεδιασμός της παραλίας Νέων Κερδυλίων του Νομού Σερρών», 1ο Διεθνές Συμπόσιο με θέμα Επανασχεδιασμός υποβαθμισμένων και κατεστραμμένων περιοχών της Ευρώπης, 1-5 Σεπτεμβρίου 2001, Θεσσαλονίκη (δημοσιευμένη στα Πρακτικά του Συμποσίου, με τίτλο «Επανασχεδιασμός υποβαθμισμένων και κατεστραμμένων περιοχών της Ευρώπης», σ.175-185, University Studio Press).

2002

B. Zhilyaev, I. Verlyuk, Ya. Romanyuk, O. Svyatogorov, R. Gershberg, M. Lovkaya, M. Contadakis, S. Avgoloupis, J. Seiradakis, A. Antov, and R., Konstantinova-Antova, , 2002 Color Characteristics of Flares on EV Lacertae, Proceedings of the 5th Hellenic Astronomical Conference, (ed. D. Hatsidimitriou), 1-4.

Bakourou, E., Tsioukas, V., Katzougraki, I., Stylianidis, E., Papadimitriou, K., Patias, P., (2002), The promotion of cultural heritage through internet using advanced audio-visual information: The venetian castles of Peloponnisos, IAPRS&SIS, Vol. XXXIV, Part 5, Com V, Corfu, Greece, pp. 298-301.

C.Pikridas, V.D. Andritsanos, A. Fotiou, D. Rossikopoulos, I.N. Tziavos 2002, Computing Orthometric Heights and controlling their Quality by GPS and Local Geoid in Northern Greece, Proceedings of the European Navigation Conference – GNSS2002, Copenhagen, Denmark, May 27-30.05.02.

C.Pikridas, V.D. Andritsanos, A. Fotiou, D. Rossikopoulos, I.N. Tziavos 2002, Computing Orthometric Heights and controlling their Quality by GPS and Local Geoid in Northern Greece, Proceedings of the European Navigation Conference – GNSS2002, Copenhagen, Denmark, May 27-30.05.02.

Contadakis, M. and Asteriadis. G., 2002, Final results of the research for preseismic phenomena on the underground water level and temperature in Pieria, Northern Greece. Presented in XXVI General Assembly of the EGS,

Symposium NH10 "Seismic Hazard Evaluation, Precursory Phenomena and Reliability of Predictions ", 22-26 April, Nice, France. Geophysical Research Abstracts Volume 4,2002.

Contadakis, M. and Asteriadis. G.,2002,"Final results of the research for preseismic phenomena on the underground water level and temperature in Pieria,Northern Greece". Presented in XXVI General Assembly of the EGS, Symposium NH10 "Seismic Hazard Evaluation, Precursory Phenomena and Reliability of Predictions ", 22-26 April, Nice, France. Geophysical Research Abstracts Volume 4,2002.

Contadakis, M. E. and Asteriadis. G.,2002, The research for preseismic phenomena on the underground water level and temperature in Pieria,Northern Greece, Presented in the IX International Symposium on Natural and Human Made Hazards, Hazards 2002, Antalya Turkey 3-6 October,2002. Abstract book p.p. 52-53.

Contadakis, M. E. and Asteriadis. G.,2002," Results of the research for preseismic phenomena on the underground water level and temperature in Pieria,Northern Greece", Presented in the XXVIII General Assembly of the European Seismological Commission, Genoa 1-6 Sept. 2002,Abstract book p. 119.

Contadakis, M. E. and Asteriadis. G.,2002," Results of the research for preseismic phenomena on the underground water level and temperature in Pieria,Northern Greece", Presented in the XXVIII General Assembly of the European Seismological Commission, Genoa 1-6 Sept. 2002,Abstract book p. 119.

Contadakis, M. E. and Asteriadis. G.,2002," The research for preseismic phenomena on the underground water level and temperature in Pieria,Northern Greece", Presented in the IX International Symposium on Natural and Human Made Hazards, Hazards 2002, Antalya Turkey 3-6 October,2002. Abstract book p.p. 52-53.

Economou S., Tzevelekis I. and Guitonas A., «Seeking for sustainability in urban renewal schemes: Measuring environmental impacts of restoration of squares», Διεθνές Συνέδριο με τίτλο Protection and Restoration of the Environment VI, 1-5 Ιουλίου 2002, Σκιάθος (δημοσιευμένη στα Πρακτικά του Συνεδρίου με τίτλο «Protection and Restoration of the Environment VI», τομ.ΙΙΙ, σ.1313-1320, Εκδ.Γράφημα).

Georgoula, O., Patias, P., (2002), The well promising FLASHPIX format, IAPRS&SIS, Vol. XXXIV, Part 5, Com V, Corfu, Greece, pp. 525-529.

Karnavou E., Gritzas G., 2002, Spatial Analysis tools for Greek regional planning, Proceedings of the 5th AGILE conference Palma 25-27/4/2002 (Mallorca, Spain)

Kotsakis C., Fotopoulos G., Sideris M.G., 2002, A study on the effects of data accuracy and datum inconsistencies on relative GPS levelling. Proceedings of

the IAG International Symposium on Vertical Reference Systems, Cartagena, Colombia, February 20-23, 2001. In: IAG Symposia Series (H. Drewes et al., eds.), Springer-Verlag, Berlin Heidelberg, vol. 124, pp. 113-118.

Kotsakis C., Sideris M.G., 2002, Aliasing error modelling in single-input single-output linear estimation systems. Proceedings of the IAG International Symposium on Gravity, Geoid and Geodynamics, Banff, Canada, July 31-August 4, 2000. In: IAG Symposia Series (M.G. Sideris, ed.), Springer-Verlag, Berlin Heidelberg, vol. 123, pp. 43-48.

Kotsakis C., Sideris M.G., 2002, Non-stationary noise filtering of gravity data using fast spectral techniques. Proceedings of the XXVI General Assembly of the European Geophysical Society (session G7 on "Regional and local gravity field approximation"), Nice, France, April 26-30, 2001. In: IGeS Bulletin Special Issue (I.N. Tziavos and R. Barzaghi, eds.), DIAR Politecnico di Milano, no. 13, pp. 35-40.

Mintsis G., Nikolaidis A., Taxiltaris C., Basbas S., Patonis P., Filaktakis A., Lambropoulos S., 2002, Determination and assessment of the dynamic characteristics of HGV and their impact to the national highway network, Proceedings of the 3rd International Conference on Bituminous Mixtures and Pavements, Laboratory of Highway Engineering, Civil Engineering Department, Aristotle University of Thessaloniki, Egnatia Odos S.A., Ed. Nikolaidis A.F., Thessaloniki, Vol.2, 761-770.

Mintsis G., Nikolaidis A., Taxiltaris C., Basbas S., Patonis P., Filaktakis A., Lambropoulos S., 2002, Determination and assessment of the dynamic characteristics of HGV and their impact to the national highway network, Proceedings of the 3rd International Conference on Bituminous Mixtures and Pavements, Laboratory of Highway Engineering, Civil Engineering Department, Aristotle University of Thessaloniki, Egnatia Odos S.A., Ed. Nikolaidis A.F., Thessaloniki, Vol.2, 761-770.

Mintsis G., Nikolaidis A., Taxiltaris C., Basbas S., Patonis P., Filaktakis A., Lambropoulos S., 2002, Determination and assessment of the dynamic characteristics of HGV and their impact to the national highway network, Proceedings of the 3rd International Conference on Bituminous Mixtures and Pavements, Laboratory of Highway Engineering, Civil Engineering Department, Aristotle University of Thessaloniki, Egnatia Odos S.A., Ed. Nikolaidis A.F., Thessaloniki, Vol.2, 761-770.

Mintsis G., Taxiltaris C., Basbas S., 2002, Research on the performance of the HGVs in the major Greek road network using WIM technology, Proceedings of the 3rd International Conference on Weigh-in-Motion (ICWIM3), International Scientific Committee on Weigh-In-Motion, Center for Transportation Research and Education, Iowa State University, Federal Highway Administration, Florida Department of Transportation, LCPC-Laboratoire Central des Ponts et Chaussées, Ed. Jacob B., McCall B., O'Brien E., Florida, 2002, 371-380.

Τμήμα Αγρονόμων Τοπογράφων Μηχανικών

Mintsis G., Taxiltaris C., Basbas S., 2002, Research on the performance of the HGVs in the major Greek road network using WIM technology, Proceedings of the 3rd International Conference on Weigh-in-Motion (ICWIM3), International Scientific Committee on Weigh-In-Motion, Center for Transportation Research and Education, Iowa State University, Federal Highway Administration, Florida Department of Transportation, LCPC-Laboratoire Central des Ponts et Chaussées, Ed. Jacob B., McCall B., O'Brien E., Florida, 2002, 371-380.

Mintsis G., Taxiltaris C., Basbas S., 2002, Research on the performance of the HGVs in the major Greek road network using WIM technology, Proceedings of the 3rd International Conference on Weigh-in-Motion (ICWIM3), International Scientific Committee on Weigh-In-Motion, Center for Transportation Research and Education, Iowa State University, Federal Highway Administration, Florida Department of Transportation, LCPC-Laboratoire Central des Ponts et Chaussées, Ed. Jacob B., McCall B., O'Brien E., Florida, 2002, 371-380.

Mintsis G., Taxiltaris C., Basbas S., Patonis P., Filaktakis A., Lambropoulos S., 2002, Implementation of WIM technology for monitoring HGV traffic in the Greek National Road Network, Proceedings of the 7th International Symposium on Heavy Vehicle Weights & Dimensions, International Forum for Road Transport Technology, TNO Automotive, The Dutch Ministry of Transport, Public Works and Water Management, The Road and Hydraulic Engineering Division, Delft, 1-9.

Mintsis G., Taxiltaris C., Basbas S., Patonis P., Filaktakis A., Lambropoulos S., 2002, Implementation of WIM technology for monitoring HGV traffic in the Greek National Road Network, Proceedings of the 7th International Symposium on Heavy Vehicle Weights & Dimensions, International Forum for Road Transport Technology, TNO Automotive, The Dutch Ministry of Transport, Public Works and Water Management, The Road and Hydraulic Engineering Division, Delft, 1-9.

Mintsis G., Taxiltaris C., Basbas S., Patonis P., Filaktakis A., Lambropoulos S., 2002, Implementation of WIM technology for monitoring HGV traffic in the Greek National Road Network, Proceedings of the 7th International Symposium on Heavy Vehicle Weights & Dimensions, International Forum for Road Transport Technology, TNO Automotive, The Dutch Ministry of Transport, Public Works and Water Management, The Road and Hydraulic Engineering Division, Delft, 1-9.

Olesen A.V., Tziavos I.N., Forsberg R., 2002, New Airborne Gravity Data Around Crete - First Results from the CAATER Campaign, in: I.N. Tziavos (ed.) Gravity and Geoid 2002, 3rd meeting of the International Gravity and Geoid Commission, Ziti editions, Thessaloniki, Greece, Aug. 26 - 30, 2002, 326 - 331.

P. Lafazani, M. Myridis, (2002) : « Approche Géographique de la Région de Macédoine Dans les Années 1900-1920 ». Congrès International : "Le

Théâtre des Opérations de Thessalonique et l' Issue de la pre--mière Guerre Mondiale”, Thessalonique, 2002, σελ. 1 – 35.

P. Lafazani, M. Myridis, (2002) : « Approche Géographique de la Région de Ma-cé-doi-ne Dans les Années 1900-1920 ». Congrès International : “Le Théâtre des Opérations de Thessalonique et l' Issue de la pre--mière Guerre Mondiale”, Thessalonique, 2002, σελ. 1 – 35.

Papaioannou P., Mintsis G., Taxiltaris C., Basbas S., 2002, Enforcement and Traffic Accidents: Recent Experience from Greece, Proceedings of the 15th International Cooperation on Theories and Concepts in Traffic Safety (ICTCT) workshop on Speed Management Strategies and Implementation – Planning, Evaluation, Behavioural, Legal & Institutional Issues, ICTCT, Transport Research Centre-CDV, Brno, 1-14.

Papaioannou P., Mintsis G., Taxiltaris C., Basbas S., 2002, Enforcement and Traffic Accidents: Recent Experience from Greece, Proceedings of the 15th International Cooperation on Theories and Concepts in Traffic Safety (ICTCT) workshop on Speed Management Strategies and Implementation – Planning, Evaluation, Behavioural, Legal & Institutional Issues, ICTCT, Transport Research Centre-CDV, Brno, 1-14.

Papaioannou P., Mintsis G., Taxiltaris C., Basbas S., 2002, Enforcement and Traffic Accidents: Recent Experience from Greece, Proceedings of the 15th International Cooperation on Theories and Concepts in Traffic Safety (ICTCT) workshop on Speed Management Strategies and Implementation – Planning, Evaluation, Behavioural, Legal & Institutional Issues, ICTCT, Transport Research Centre-CDV, Brno, 1-14.

Pateraki, M., Baltasvias, E., Patias, P., (2002), Image combination into large virtual images for fast 3D modelling of archaeological sites, IAPRS&SIS, Vol. XXXIV, Part 5, Com V, Corfu, Greece, pp. 440-445.

Patias, P., Karapostolou, G., Simeonidis, (2002), Documentation and Visualization of historical city centers, IAPRS&SIS, Vol. XXXIV, Part 5, Com V, Corfu, Greece, pp. 393-399.

Patias, P., Tsioukas, V., Sechidis, L., (2002), A new “Digital Filter” for extracting conjugate points on epipolar stereo images, IAPRS&SIS, Vol. XXXIV, Part 5, Com V, Corfu, Greece, pp. 74-78.

Pikridas C., Andritsanos V.D., Fotiou V.D., Rossikopoulos A., Tziavos I.N., 2002, Computing orthometric heights and controlling their accuracy by GPS and local geoid in northern Greece. The European Navigation Conference – ENC-GNSS 2002, Copenhagen, May 27 - 30, 2002.

Pitsiava-Latinopoulou M., Basbas S., Zacharaki E., 2002, An index for impact assessment of a motorway – Case study of Egnatia motorway, Proceedings of the 8th International Conference: Urban Transport and the Environment in the 21st Century – Urban Transport VIII, Wessex Institute of Technology, Ministry of Science and Technology of Spain, University of Seville, International

Series: Advances in Transport, Vol.12, Ed. Sucharov L.J., Brebbia C.A., Benitez F., Seville, 679-688.

Sechidis, L., P. Patias, V. Tsioukas, (2002), Low-level tracking of multiple objects, IAPRS&SIS, Vol. XXXIV, Part 3B, Com III, Graz, Austria, pp. 237-240.

Stylianidis, E., Patias, P., (2002), 3D object reconstruction in close-range photogrammetric problems, IAPRS&SIS, Vol. XXXIV, Part 5, Com V, Corfu, Greece, pp. 216-220.

Taxiltaris C., Basbas S., Manoussaridis Z., 2002, Design of a MIS for the optimization of the taxi system in a metropolitan area, Proceedings of the 3rd International Conference on Management Information Systems incorporating GIS and Remote Sensing, Wessex Institute of Technology, International Series: Management Information Systems, Ed. Brebbia C.A., Pascolo P., Chalkidiki, 329-338.

Taxiltaris C., Basbas S., Manoussaridis Z., 2002, Design of a MIS for the optimization of the taxi system in a metropolitan area, Proceedings of the 3rd International Conference on Management Information Systems incorporating GIS and Remote Sensing, Wessex Institute of Technology, International Series: Management Information Systems, Ed. Brebbia C.A., Pascolo P., Chalkidiki, 329-338.

Taxiltaris C., Basbas S., Milios C., 2002, Politiques de stationnement dans l'hypercentre comme moyens de gestion de la demande de transport à Athènes et Thessalonique, Actes du 9e Congrès International Francophone: Nouveaux enjeux - le transport doit s'adapter, Association pour le Développement des Techniques de Transport, d'Environnement et de Circulation (ATEC), Paris, 108-119.

Taxiltaris C., Basbas S., Milios C., 2002, Politiques de stationnement dans l'hypercentre comme moyens de gestion de la demande de transport à Athènes et Thessalonique, Actes du 9e Congrès International Francophone: Nouveaux enjeux - le transport doit s'adapter, Association pour le Développement des Techniques de Transport, d'Environnement et de Circulation (ATEC), Paris, 108-119.

Taxiltaris C., Basbas S., Miltiadou M., 2002, Design and evaluation of traffic calming schemes in urban areas – the case of the city of Larissa, Proceedings of the 8th International Conference: Urban Transport and the Environment in the 21st Century – Urban Transport VIII, Wessex Institute of Technology, Ministry of Science and Technology of Spain, University of Seville, International Series: Advances in Transport, Vol.12, Ed. Sucharov L.J., Brebbia C.A., Benitez F., Seville, 259-268.

Taxiltaris C., Basbas S., Miltiadou M., 2002, Design and evaluation of traffic calming schemes in urban areas – the case of the city of Larissa, Proceedings of the 8th International Conference: Urban Transport and the Environment in the 21st Century – Urban Transport VIII, Wessex Institute of Technology,

Τμήμα Αγρονόμων Τοπογράφων Μηχανικών

Ministry of Science and Technology of Spain, University of Seville, International Series: Advances in Transport, Vol.12, Ed. Sucharov L.J., Brebbia C.A., Benitez F., Seville, 259-268.

Taxiltaris C., Mintsis G., Basbas S., 2002, Road Pricing Strategies and Policies – Existing Situation and Trends in Europe, Proceedings of the 1st International Congress on Transportation Research in Greece, Institute of Transport, Hellenic Institute of Transportation Engineers, Athens, 533-542.

Taxiltaris C., Mintsis G., Basbas S., 2002, Road Pricing Strategies and Policies – Existing Situation and Trends in Europe, Proceedings of the 1st International Congress on Transportation Research in Greece, Institute of Transport, Hellenic Institute of Transportation Engineers, Athens, 533-542.

Taxiltaris C., Mintsis G., Basbas S., 2002, Road Pricing Strategies and Policies – Existing Situation and Trends in Europe, Proceedings of the 1st International Congress on Transportation Research in Greece, Institute of Transport, Hellenic Institute of Transportation Engineers, Athens, 533-542.

Tokmakidis K., Scarlatos D., «Mapping Excavations and Archaeological Sites Using Close Range Photos». Proceedings of the International Symposium «Close-Range Imaging, Long-Range Vision», Commission V ISPRS, Corfu 2-6 September 2002

Tokmakidis K., Tziavos I., Mintsis G., Taxiltaris C., Basbas S., 2002, The use of GPS Technology and its Applications to the Greek Road and Railway Network, Proceedings of GNSS 2002 – The European Navigation Conference, Copenhagen, 1-7 (αναδημοσίευση στον Τιμητικό Τόμο Καθηγητή Ανθ.Μπαντέλα).

Tokmakidis K., Tziavos I., Mintsis G., Taxiltaris C., Basbas S., 2002, The use of GPS Technology and its Applications to the Greek Road and Railway Network, Proceedings of GNSS 2002 – The European Navigation Conference, Copenhagen, 1-7 (αναδημοσίευση στον Τιμητικό Τόμο Καθηγητή Ανθ.Μπαντέλα).

Tokmakidis K., Tziavos I., Mintsis G., Taxiltaris C., Basbas S., 2002, The use of GPS Technology and its Applications to the Greek Road and Railway Network, Proceedings of GNSS 2002 – The European Navigation Conference, Copenhagen, 1-7 (αναδημοσίευση στον Τιμητικό Τόμο Καθηγητή Ανθ.Μπαντέλα).

Tokmakidis K., Tziavos I.N., Mintsis G., Taxiltaris C., Basbas S., «The Use of GPS Technology and its Applications to the Greek Road and Railway Network». Proceedings of the International Symposium on «The European Navigation Conference - GNSS 2002», Copenhagen, Denmark, 27-30 of May 2002

Tokmakidis K., Tziavos I.N., Mintsis G., Taxiltaris C., Basbas S., 2002, The use of GPS technology and its applications to the Greek road and railway

networks. The European Navigation Conference – ENC-GNSS 2002, Copenhagen, May 27 - 30, 2002.

Tsioukas, V., Patias, P., (2002), Low cost 3D Visualization and Measuring "Tool" in the service of archaeological excavations, CAA 2002 Proceedings, pp. 119-122.

Tsoulis D., Tziavos I.N., 2002, A comparison of some existing methods for the computation of terrain corrections in local gravity field modelling, in: I.N. Tziavos (ed.) Gravity and Geoid 2002, 3rd meeting of the International Gravity and Geoid Commission, Ziti editions, Thessaloniki, Greece, Aug. 26 - 30, 2002, 156 - 160.

Tzimopoulos C., Spiridis A., Koutalou V., Halkides H., Evangelides C., 2002, Water Management of the Area Downstream Asomata Dam, 5th International Conference on Water Resources Management in the Era of Transition, Athens, Greece, 312-319.

Βιτωράτου Σ., Λαφαζάνη Π., (2002): «Παρακολούθηση της Χωρο-Χρονικής εξέλιξης των οικισμών της Δυτικής Μακεδονίας με τη βοήθεια Συστημάτων Γεωγραφικών Πληρο-φο-ριών.» Επιστημονική εκδήλωση: «Κοινωνικές Πρακτικές και Χωρική Πληροφορία. Ευ-ρω-παϊκή Εμπειρία στα ΣΓΠ», Θεσσαλονίκη 2002.

Γριτζάς Γ., Καρνάβου Ε., 2002, Πολεοδομικές Υπηρεσίες στο Διαδίκτυο, Πρακτικά 2ου Πανελληνίου Συνεδρίου της Ελληνικής Εταιρείας Γεωγραφικών Συστημάτων Πληροφοριών (HELLASGI), 28/2-1/3/2002, Αίθουσα Τελετών Εθνικού Μετσόβιου Πολυτεχνείου

Καρανικόλας Ν., Λαφαζάνη Π., Μυρίδης Μ., Ράμναλης Δ., Στάμου Λ. (2002): «Ένας Χαρ-τογραφικός Διάπλους στο Μύθο και τη Γεωγραφία της Οδύσσειας». 7ο Εθνικό Συ-νέ-δριο Χαρτογραφίας: "Νησιωτική Χαρτογραφία", Μυτιλήνη, 2002. ΧΕΕΕ – Πρακτικά Συνε-δρί-ου, σελ. 31-48, εκδόσεις Ζήτη, Θεσσαλονίκη 2004.

Καρανικόλας Ν., Λαφαζάνη Π., Μυρίδης Μ., Ράμναλης Δ., Στάμου Λ. (2002): «Ένας Χαρ-τογραφικός Διάπλους στο Μύθο και τη Γεωγραφία της Οδύσσειας». 7ο Εθνικό Συ-νέ-δριο Χαρτογραφίας: "Νησιωτική Χαρτογραφία", Μυτιλήνη, 2002. ΧΕΕΕ – Πρακτικά Συνε-δρί-ου, σελ. 31-48, εκδόσεις Ζήτη, Θεσσαλονίκη 2004.

Καρνάβου Ε., Γριτζάς Γ., 2002, Η νέα δυναμική εισαγωγής και διεύρυνσης των πεδίων εφαρμογής των ΓΣΠ στην Ελλάδα: Κοινωνική και ιστορική προσέγγιση, Πρακτικά επιστημονικής εκδήλωσης του τομέα Κτηματολογίου, Φωτογραμμετρίας και Χαρτογραφίας του Τμήματος Αγρονόμων - Τοπογράφων Μηχανικών, του Αριστοτέλειου Πανεπιστήμιου Θεσσαλονίκης και της Ελληνικής Εταιρείας Γεωγραφικών Συστημάτων Πληροφοριών (HELLASGI), 27-28/6/2002, Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης

Καρνάβου Ε., και Γριτζάς Γ., 2002, Για μία στρατηγική Γεωγραφικών Συστημάτων Πληροφοριών, Πρακτικά 2ου Πανελληνίου Συνεδρίου της

Τμήμα Αγρονόμων Τοπογράφων Μηχανικών

Ελληνικής Εταιρείας Γεωγραφικών Συστημάτων Πληροφοριών (HELLASGI),
28/2-1/3/2002, Αίθουσα Τελετών Εθνικού Μετσόβιου Πολυτεχνείου

Καρνάβου Ε., Γριτζάς Γ., 2002, Νέες τεχνολογίες στήριξης του ελληνικού χωροταξικού σχεδιασμού: Αρχείο Χωροταξικών Μελετών σε συνδυασμό με το Γεωγραφικό Σύστημα Πληροφοριών και το Παρατηρητήριο, Πρακτικά επιστημονικής εκδήλωσης του τομέα Κτηματολογίου, Φωτογραμμετρίας και Χαρτογραφίας του Τμήματος Αγρονόμων - Τοπογράφων Μηχανικών, του Αριστοτέλειου Πανεπιστήμιου Θεσσαλονίκης και της Ελληνικής Εταιρείας Γεωγραφικών Συστημάτων Πληροφοριών (HELLASGI), 27-28/6/2002, Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης

Νάκου Α., Παπαδημητρίου Κ., Χ.Πικριδάς 2002, Χρήση Τεχνολογιών Τηλεματικής σε Μικρά Σκάφη αναψυχής. Πρακτικά 7ου Εθνικού Συνέδριου Χαρτογραφίας που διοργάνωσε η ΧΕΕΕ με τίτλο "Νησιωτική Χαρτογραφία", Μυτιλήνη, 24-26.10.02

Οικονόμου Ε., Τζάνου Ε., και Γείτονας Α., «ΜΠΕ και Αειφόρος Ανάπτυξη. Η εξέλιξη του θεσμού στην Ελλάδα και στην υπόλοιπη Ευρώπη», 1ο Περιβαλλοντικό Συνέδριο Μακεδονίας, 1-4 Μαρτίου 2002, Θεσσαλονίκη (δημοσιευμένη στα Πρακτικά του Συνεδρίου με τίτλο «1ο Περιβαλλοντικό Συνέδριο Μακεδονίας», σ.294-300).

Τοκμακίδης Κ., Βλάχος Δ., «Συμβολή των ΓΣΠ στην ανάδειξη αρχαιολογικών χώρων», «Επιστημονική εκδήλωση κοινωνικές πρακτικές και χωρική πληροφορία, ευρωπαϊκή και ελληνική εμπειρία στα ΓΣΠ», που διοργάνωσε ο Τομέας ΚΦΧ και το Hellas GIS στη Θεσσαλονίκη στις 27-28 Ιουνίου 2002

Τοκμακίδης Κ., Σαββαΐδης Π., «Εφαρμογή ΓΣΠ για τα μνημεία του Αγίου Όρους», «Επιστημονική εκδήλωση κοινωνικές πρακτικές και χωρική πληροφορία, ευρωπαϊκή και ελληνική εμπειρία στα ΓΣΠ», που διοργάνωσε ο Τομέας ΚΦΧ και το Hellas GIS στη Θεσσαλονίκη στις 27-28 Ιουνίου 2002

2003

Arabelos, D., G. A. Asteriadis, A. Bloutsos, M. E. Contadakis, S. D. Spatalas, 2003, Atmospheric Tide Disturbances as Earthquake Precursory Phenomena. Presented in the European Geophysical Society-American Geophysical Union-European Union of Geosciences (EGS-AGU-EUG) Joint Assembly, Nice, France, 6-11 April, 2003.

Arabelos, D., G. A. Asteriadis, A. Bloutsos, M. E. Contadakis, S. D. Spatalas: "Atmospheric Tide Disturbances as Earthquake Precursory Phenomena". Presented in the European Geophysical Society-American Geophysical Union-European Union of Geosciences (EGS-AGU-EUG) Joint Assembly, Nice, France, 6-11 April, 2003.

Arabelos, D., P. Papapaskevas: Estimation of error covariance functions using gravity gradiometer data and surface gravity data. Proceedings of the 3rd Meeting of the International Gravity and Geoid Commission, I.N. Tziavos Ed., 358-363, Ziti Editions, Thessaloniki, 2003.

Arabelos, D.N., Asteriadis, G., Contadakis, M.E., Spatalas, S.D., 2003, Atmospheric tides in the area of Thessaloniki-North Greece. A twenty-seven years data analysis. Presented at XXIII General Assembly of the IUGG, Sapporo, June 30-July 11, 2003.

Arabelos, D.N., Asteriadis, G., Contadakis, M.E., Spatalas, S.D.: Atmospheric tides in the area of Thessaloniki-North Greece. A twenty-seven years data analysis. Presented at XXIII General Assembly of the IUGG, Sapporo, June 30-July 11, 2003.

Basbas S., Mintsis G., Oikonomou K., Taxiltaris C., 2003, Land-use changes and sustainability in traffic congested urban areas, Proceedings of the 1st International Conference: Sustainable Planning and Development, Wessex Institute of Technology, University of Thessaly/School of Engineering/Department of Planning and Regional Development, International Series: Sustainable World, Vol.6, Ed. Beriatos E., Brebbia C.A., Coccossis H., Kungolos A., Skiathos, 691-700.

Basbas S., Mintsis G., Oikonomou K., Taxiltaris C., 2003, Land-use changes and sustainability in traffic congested urban areas, Proceedings of the 1st International Conference: Sustainable Planning and Development, Wessex Institute of Technology, University of Thessaly/School of Engineering/Department of Planning and Regional Development, International Series: Sustainable World, Vol.6, Ed. Beriatos E., Brebbia C.A., Coccossis H., Kungolos A., Skiathos, 691-700.

Basbas S., Mintsis G., Oikonomou K., Taxiltaris C., 2003, Land-use changes and sustainability in traffic congested urban areas, Proceedings of the 1st International Conference: Sustainable Planning and Development, Wessex Institute of Technology, University of Thessaly/School of Engineering/Department of Planning and Regional Development, International Series: Sustainable World, Vol.6, Ed. Beriatos E., Brebbia C.A., Coccossis H., Kungolos A., Skiathos, 691-700.

Basbas S., Nikolaou K., Taxiltaris C., Maniatis I., 2003, Public awareness and behaviour related to environmental and traffic management measures, Proceedings of the 8th International Conference on Environmental Science and Technology, University of the Aegean – Department of Environmental Studies, Global Network for Environmental Science and Technology (Global-NEST), Ed. Lekkas T.D., Lemnos, 86-93.

Basbas S., Nikolaou K., Taxiltaris C., Maniatis I., 2003, Public awareness and behaviour related to environmental and traffic management measures, Proceedings of the 8th International Conference on Environmental Science and Technology, University of the Aegean – Department of Environmental Studies, Global Network for Environmental Science and Technology (Global-NEST), Ed. Lekkas T.D., Lemnos, 86-93.

Dermanis, A. (2003): The rank deficiency in estimation theory and the definition of reference frames. Invited presentation at the V Hotine-Marussi Symposium on Mathematical Geodesy, Matera, Italy June 17-21, 2003. In:

Sansò, F. (ed.), 2003: V Hotine-Marussi Symposium on Mathematical Geodesy, Matera. International Association of Geodesy Symposia, Vol. 127, pp. 145-156. Springer Verlag, Berlin.

Economou S. and Guitonas A., «The use of questionnaire survey in sustainable coastal management: implementation in Strymonas river estuary», XXX IAHR Congress, 24-29 Αυγούστου 2003, Θεσσαλονίκη (διαθέσιμη στα Πρακτικά του Συνεδρίου σε ηλεκτρονική μορφή).

Fotiou A., C. Pikridas, D. Rossikopoulos 2003, Adjustment of 2-D Networks using geometric derived observations from GPS baselines, Proceedings of the International Symposium on “Modern Technologies, Education and Professional Practice in the Globalizing World”, Sofia, Bulgaria, 6-7.11.03, 189 – 196.

Fotiou A., C. Pikridas, D. Rossikopoulos 2003, Adjustment of 2-D Networks using geometric derived observations from GPS baselines, Proceedings of the International Symposium on “Modern Technologies, Education and Professional Practice in the Globalizing World”, Sofia, Bulgaria, 6-7.11.03, 189 – 196.

Fotiou A., V. Kagiadakis, C. Pikridas and D. Rossikopoulos 2003, Geodetically derived displacements and crustal deformation analysis: Application in the Volvi area, Proceedings of the 11th International Symposium on Deformation Measurements, FIG commission 6, Santorini, May 25-28.05.03.

Fotiou A., V. Kagiadakis, C. Pikridas and D. Rossikopoulos 2003, Geodetically derived displacements and crustal deformation analysis: Application in the Volvi area, Proceedings of the 11th International Symposium on Deformation Measurements, FIG commission 6, Santorini, May 25-28.05.03.

Kotsakis C., Tziavos I.N., 2003, Parametric versus non-parametric methods for optimal weighted averaging of noisy data sets. International Association of Geodesy Symposia, F. Sansò (ed.), Springer-Verlag, A window on the future of Geodesy, Sapporo, Japan, June 30-July 11, 2003, pp. 434-439.

M. E. Contadakis, D. N. Arabelos, G. Asteriadis, A. Bloutsos, S. D. Spatalas, 2003, Thermo-Gravitational Atmospheric Tide Disturbances as Earthquake Precursory Phenomena. Presented in “The 1st International Workshop on Earthquake Prediction”, Athens, Greece, 6-7 November, 2003.

M. E. Contadakis, D. N. Arabelos, G. Asteriadis, A. Bloutsos, S. D. Spatalas: “Thermo-Gravitational Atmospheric Tide Disturbances as Earthquake Precursory Phenomena”. Presented in “The 1st International Workshop on Earthquake Prediction”, Athens, Greece, 6-7 November, 2003.

Mintsis G., Taxiltaris C., Basbas S., 2003, Evaluation of the impact of new developments in traffic congested urban areas, Proceedings of the 9th International Conference: Urban Transport and the Environment in the 21st Century – Urban Transport IX, Wessex Institute of Technology, International

Series: Advances in Transport, Vol.14, Ed. Sucharov L.J., Brebbia C.A., Crete, 113-122.

Mintsis G., Taxiltaris C., Basbas S., 2003, Evaluation of the impact of new developments in traffic congested urban areas, Proceedings of the 9th International Conference: Urban Transport and the Environment in the 21st Century – Urban Transport IX, Wessex Institute of Technology, International Series: Advances in Transport, Vol.14, Ed. Sucharov L.J., Brebbia C.A., Crete, 113-122.

Mintsis G., Taxiltaris C., Basbas S., 2003, Evaluation of the impact of new developments in traffic congested urban areas, Proceedings of the 9th International Conference: Urban Transport and the Environment in the 21st Century – Urban Transport IX, Wessex Institute of Technology, International Series: Advances in Transport, Vol.14, Ed. Sucharov L.J., Brebbia C.A., Crete, 113-122.

Mintsis G., Taxiltaris C., Basbas S., 2003, Planning for confronting transport demand due to special events: the case of the world exposition in the Thessaloniki Greater Area, Proceedings of the 9th International Conference: Urban Transport and the Environment in the 21st Century – Urban Transport IX, Wessex Institute of Technology, International Series: Advances in Transport, Vol.14, Ed. Sucharov L.J., Brebbia C.A., Crete, 453-462.

Mintsis G., Taxiltaris C., Basbas S., 2003, Planning for confronting transport demand due to special events: the case of the world exposition in the Thessaloniki Greater Area, Proceedings of the 9th International Conference: Urban Transport and the Environment in the 21st Century – Urban Transport IX, Wessex Institute of Technology, International Series: Advances in Transport, Vol.14, Ed. Sucharov L.J., Brebbia C.A., Crete, 453-462.

Mintsis G., Taxiltaris C., Basbas S., 2003, Planning for confronting transport demand due to special events: the case of the world exposition in the Thessaloniki Greater Area, Proceedings of the 9th International Conference: Urban Transport and the Environment in the 21st Century – Urban Transport IX, Wessex Institute of Technology, International Series: Advances in Transport, Vol.14, Ed. Sucharov L.J., Brebbia C.A., Crete, 453-462.

Μίντσης Γ., Ταξιλάρης Χ., Πυργίδης Χ., Μπάσμπας Σ., Μιλτιάδου Μ., Μιχαηλίδης Γ., Τσουκαλά Α., 2003, Διερεύνηση Δυνατοτήτων Ένταξης Τροχιοδρομικού Συστήματος σε Πόλεις Μεσαίου Μεγέθους: η Περίπτωση της Λάρισας, Πρακτικά Διεθνούς Συνεδρίου: Σύγχρονα Συστήματα Τραμ & Επιφανειακού Μετρό, Τμήμα Πολιτικών Μηχανικών Πανεπιστημίου Πατρών – Σπουδαστήριο Μεταφορών & Κυκλοφορίας, Σύλλογος Ελλήνων Συγκοινωνιολόγων, Πάτρα, 1-12.

Μίντσης Γ., Ταξιλάρης Χ., Πυργίδης Χ., Μπάσμπας Σ., Μιλτιάδου Μ., Μιχαηλίδης Γ., Τσουκαλά Α., 2003, Διερεύνηση Δυνατοτήτων Ένταξης Τροχιοδρομικού Συστήματος σε Πόλεις Μεσαίου Μεγέθους: η Περίπτωση της Λάρισας, Πρακτικά Διεθνούς Συνεδρίου: Σύγχρονα Συστήματα Τραμ & Επιφανειακού Μετρό, Τμήμα Πολιτικών Μηχανικών Πανεπιστημίου Πατρών –

Σπουδαστήριο Μεταφορών & Κυκλοφορίας, Σύλλογος Ελλήνων Συγκοινωνιολόγων, Πάτρα, 1-12.

Μίντσης Γ., Ταξιλάρης Χ., Πυργίδης Χ., Μπάσμπας Σ., Μιλτιάδου Μ., Μιχαηλίδης Γ., Τσουκαλά Α., 2003, Διερεύνηση Δυνατοτήτων Ένταξης Τροchioδρομικού Συστήματος σε Πόλεις Μεσαίου Μεγέθους: η Περίπτωση της Λάρισας, Πρακτικά Διεθνούς Συνεδρίου: Σύγχρονα Συστήματα Τραμ & Επιφανειακού Μετρό, Τμήμα Πολιτικών Μηχανικών Πανεπιστημίου Πατρών – Σπουδαστήριο Μεταφορών & Κυκλοφορίας, Σύλλογος Ελλήνων Συγκοινωνιολόγων, Πάτρα, 1-12.

Stylianidis, E., P. Patias, V. Tsioukas, L. Sechidis, Ch. Georgiadis, (2003), A digital close-range photogrammetric technique for monitoring slope displacements, Proc. of 11th FIG Symposium on Deformation Measurements, Santorini, Greece, pp. 297-303

Taxiltaris C., Basbas S., Manoussaridis Z., 2003, Applications de SAE/SAI pour la gestion de la demande de taxis en cas d'événements exceptionnels, Actes du 10e Congrès International: Information et mobilité - projets, équipements et services, Association pour le Développement des Techniques de Transport, d'Environnement et de Circulation (ATEC), Paris, 1-11.

Taxiltaris C., Basbas S., Manoussaridis Z., 2003, Applications de SAE/SAI pour la gestion de la demande de taxis en cas d'événements exceptionnels, Actes du 10e Congrès International: Information et mobilité - projets, équipements et services, Association pour le Développement des Techniques de Transport, d'Environnement et de Circulation (ATEC), Paris, 1-11.

Taxiltaris C., Basbas S., Nikolaou K., Tzevelekis I., 2003, The impact of transport demand management measures on urban environment and energy, Proceedings of the 1st International Conference: Sustainable Energy, Planning & Technology in Relationship to the Environment, Wessex Institute of Technology, Aristotle University of Thessaloniki, International Series: The Sustainable World, Vol.7, Ed. Brebbia C.A., Sakellaris I., Halkidiki, 285-294.

Taxiltaris C., Basbas S., Nikolaou K., Tzevelekis I., 2003, The impact of transport demand management measures on urban environment and energy, Proceedings of the 1st International Conference: Sustainable Energy, Planning & Technology in Relationship to the Environment, Wessex Institute of Technology, Aristotle University of Thessaloniki, International Series: The Sustainable World, Vol.7, Ed. Brebbia C.A., Sakellaris I., Halkidiki, 285-294.

Tokmakidis K., Spatalas S., Pikridas C. 2003, A Comparison of a Digital Terrain Model Obtained from GPS and Classical Data, Proceedings of the International Symposium on "Modern Technologies, Education and Professional Practice in the Globalizing World", Sofia, Bulgaria, 6 – 7.11.03, 30-35.

Tóth Gy., Ádám J., Földváry L., Tziavos I.N., Denker H., 2003, Calibration/validation of GOCE data by terrestrial torsion balance

observations. International Association of Geodesy Symposia, F. Sansò (ed.), A window on the future of Geodesy, Sapporo, Japan, June 30-July 11.

Tsoulis D, Tziavos IN (2003) A comparison of some existing methods for the computation of terrain corrections in local gravity field modelling, In: Gravity and Geoid 2002 (Ed: IN Tziavos), pp 156-160, Proceedings of the 3rd Meeting of the International Gravity and Geoid Commission, Thessaloniki, 26–30 August 2002, Ziti Editions

Tsoulis D, Wziontek H, Petrovic S (2003) The use of bilinear surfaces in the computation of gravitational effects due to topographic masses given on a regular grid, Cahiers of ECGS, vol 20, pp 35-41

Tziavos I.N., Andritsanos V.D., 2003, Error modeling and kernel modification in a multiple input – multiple output system. In honour of the memory of Professor A. Tsioumis – From Stars to Earth and Culture (A. Dermanis ed.), pp. 208 - 213.

Tzimopoulos C., Evagelides C., Bassiouris A., Arabatzis G., 2003, An analytical flux concentration relationship for solving the unsaturated horizontal flow problem, XXX IAHR Congress, Thessaloniki, Greece, Vol. B, 755-762.

Vergos G.S., Tziavos I.N., Andritsanos V.D., 2003, On the determination of marine geoid models by least-squares collocation and spectral methods using heterogeneous data. International Association of Geodesy Symposia, F. Sansò (ed.), Springer-Verlag, A window on the future of Geodesy, Sapporo, Japan, June 30-July 11, 2003, pp. 332 - 337.

Νικολάου Κ., Μίντσης Γ., Ταξιλάρης Χ., Μπάσμπας Σ., 2003, Περιβαλλοντική Φορολόγηση Οχημάτων Βασισμένη σε Εκπομπές και Κατανάλωση Ενέργειας, Πρακτικά 4ου Διεθνούς Συνεδρίου στην Τεχνολογία Περιβάλλοντος, Heleco '03, Τεχνικό Επιμελητήριο Ελλάδας, Τόμος 1, 86-93.

Νικολάου Κ., Μίντσης Γ., Ταξιλάρης Χ., Μπάσμπας Σ., 2003, Περιβαλλοντική Φορολόγηση Οχημάτων Βασισμένη σε Εκπομπές και Κατανάλωση Ενέργειας, Πρακτικά 4ου Διεθνούς Συνεδρίου στην Τεχνολογία Περιβάλλοντος, Heleco '03, Τεχνικό Επιμελητήριο Ελλάδας, Τόμος 1, 86-93.

Νικολάου Κ., Μίντσης Γ., Ταξιλάρης Χ., Μπάσμπας Σ., 2003, Περιβαλλοντική Φορολόγηση Οχημάτων Βασισμένη σε Εκπομπές και Κατανάλωση Ενέργειας, Πρακτικά 4ου Διεθνούς Συνεδρίου στην Τεχνολογία Περιβάλλοντος, Heleco '03, Τεχνικό Επιμελητήριο Ελλάδας, Τόμος 1, 86-93.

Οικονόμου Ε. και Γείτονας Α., «Προσέγγιση της διαχείρισης περιβάλλοντος της ευαίσθητης περιοχής των εκβολών του ποταμού Στρυμόνα», 9ο Πανελλήνιο Συνέδριο Ελληνικής Υδροτεχνικής Ένωσης, 2-5 Απριλίου 2003, Θεσσαλονίκη (δημοσιευμένη στα Πρακτικά του Συνεδρίου, σ. 529-536).

Τζιμόπουλος Χ., Μπασσιούρης Α., Ευαγγελίδης Χ., Γιαννόπουλος Σ., Αραμπατζής Γ., 2003, Το πρόβλημα της επίλυσης της οριζόντιας ροής σε ακόρεστο έδαφος με τη μέθοδο ροής – συγκέντρωσης. Περίπτωση πηλωδών

εδαφών, 9ο Πανελλήνιο Συνέδριο της Ελληνικής Υδροτεχνικής Ένωσης (ΕΥΕ), Θεσσαλονίκη, 175-182.

2004

Contadakis M.E., Avgoloupis S., Seiradakis J., Zhilyaev B.E., Romanyuk Ya. O., Verlyuk I.A., Svyatogorov O.A., Khalack V.R., Sergeev A.V., Konstantinova-Antova R.K., Antov A.P., Bachev R.S., Alekseev I. Y., Chalenko V.E., Shakhovskoy D.N., 2004, Detection of High-Frequency Optical Oscillation During the Flare Phase of EV Lac in 1999, Proceedings 6th Hellenic Astronomical Conference, (ed. P. Laskarides), 119.

Contadakis, M.E., Arabelos, D.N., Asteriadis, G., Bloutsos, A., Spatalas, S., 2004, Disturbances in thermogravitational atmospheric tides during the strong earthquake of Volvi, North Greece in 1978. Proceedings, 5th International Symposium on Eastern Mediterranean Geology, Thessaloniki, Greece, 14-20 April, 2004.

Arabelos, D.N., Asteriadis, G., Bloutsos, A. , Contadakis, M.E., Spatalas, S., 2004, Study of the Correlation between seismicity and barometric tidal exalting. Presented at the 1st General Assembly of the European Geosciences Union, Nice, France, 25-30 April 2004

Arabelos, D.N., Asteriadis, G., Bloutsos, A. , Contadakis, M.E., Spatalas, S.: Study of the Correlation between seismicity and barometric tidal exalting. Presented at the 1st General Assembly of the European Geosciences Union, Nice, France, 25-30 April 2004

Arabelos, D.N., Asteriadis, G., Contadakis, M.E and Spatalas, S.D., 2004, An analysis of a twenty-seven years data for atmospheric tides disturbances in area of Thessaloniki-North Greece and their correlation with the seismicity in this area, . Presented in European Seismological Commission XXIX Assembly held in University and GFZ Potsdam, Germany, September 12-17, 2004.

Arabelos, D.N., Asteriadis, G., Contadakis, M.E and Spatalas, S.D., 2004, An analysis of a twenty-seven years data for atmospheric tides in area of Thessaloniki-North Greece and the correlation between seismicity and atmospheric tide disturbances in this area, Presented in the First Latin American Congress of Seismology and the Second Colombian Congress of Seismology, 16-21 August 2004, Armenia, Colombia.

Basbas S., Administrative support systems in road safety: the case of the Greek penalty point system, 2004, Proceedings of the 10th International Conference: Urban Transport and the Environment in the 21st Century – Urban Transport X, Wessex Institute of Technology, International Series: Advances in Transport, Vol.16, Ed. Brebbia C.A., Wadhwa L.C., Dresden, 31-40.

Basbas S., Evaluation of bus lanes in central urban areas through the use of modeling techniques, 2004, Proceedings of the 10th International Conference: Urban Transport and the Environment in the 21st Century – Urban Transport

X, Wessex Institute of Technology, International Series: Advances in Transport, Vol.16, Ed. Brebbia C.A., Wadhwa L.C., Dresden, 389-397.

Contadakis, M.E., Arabelos, D.N., Asteriadis, G., Bloutsos, A., Spatalas, S.: Disturbances in thermogravitational atmospheric tides during the strong earthquake of Volvi, North Greece in 1978. Proceedings, 5th International Symposium on Eastern Mediterranean Geology, Thessaloniki, Greece, 14-20 April, 2004.

Contadakis, M.E., Arabelos, D.N., Asteriadis, G., Bloutsos, A., Spatalas, S.: Disturbances in thermogravitational atmospheric tides during the strong earthquake of Volvi, North Greece in 1978. Proceedings, 5th International Symposium on Eastern Mediterranean Geology, Thessaloniki, Greece, 14-20 April, pp 560-563, 2004.

Contadakis, M.E., Arabelos, D.N., Asteriadis, G., Pikridas, Ch., Spatalas, S., 2004 ,GPS monitoring of ionospheric TEC over the area of Thessaloniki in order to detect disturbances related to the local tectonic activity. Presented at the 1st General Assembly of the European Geosciences Union, Nice, France, 25-30, April 2004

Contadakis, M.E., Arabelos, D.N., Asteriadis, G., Pikridas, Ch., Spatalas, S.: GPS monitoring of ionospheric TEC over the area of Thessaloniki in order to detect disturbances related to the local tectonic activity. Presented at the 1st General Assembly of the European Geosciences Union, Nice, France, 25-30 April 2004

D.N. Arabelos, G. Asteriadis, M.E. Contadakis and S.D. Spatalas “An Analysis of a Twenty-Seven Years Data for Atmospheric Tides in the Area of Thessaloniki-North Greece and the Correlation Between Seismicity and Atmospheric Tide Disturbances in this Area” Presented in First Latin American Congress of Seismology and the Second Colombian Congress of Seismology, 16-21 August 2004, Armenia ,Colombia.

D.N. Arabelos, G. Asteriadis, M.E. Contadakis and S.D. Spatalas “An Analysis of a Twenty-Seven Years Data for Atmospheric Tides Disturbances in the Area of Thessaloniki-North Greece and their Correlation with the Seismicity in this Area” Presented in European Seismological Commission XXIX General Assembly held in University and GFZ Potsdam, Germany, September 12-17, 2004.

Denker H., Barriot J.-P., Barzaghi R., Forsberg R., Ihde J., Kenyeres A., Marti U., Tziavos I.N., 2004, Status of the European Gravity and Geoid Project EGGP. International Association of Geodesy Symposia, Vol. 129, Jekeli C, Bastos L, Fernandes J (eds.), Springer – Verlag, Gravity Geoid and Space Missions 2004, pp. 125 - 130.

Doukas I., Fotiou A., Ifadis I.M., Katsambalos K., Lakakis K., Petridou-Chrysohoidou N., Pikridas C., Rossikopoulos D., Savvaidis P., Tokmakidis K. and Tziavos I.N., «Displacement field estimation from GPS measurements in

the Volvi area». Proceedings of FIG 27th Working Week «The Olympic Spirit in Surveying», Athens, Greece, 22 - 27 May 2004

Doukas I., Fotiou A., Ifantis I.M., Katsambalos K., Lakakis K., Petridou-Chrysochoidou N., Pikridas C., Rossikopoulos D., Savvaidis P., Tokmakidis K., I.N. Tziavos, 2004, Displacement field estimation from GPS measurements in Volvi area. FIG Working Week 2004, Athens, Greece, May 22 - 27, 2004.

Economou S. and Guitonas A., «The implementation of contingent valuation method in the construction of a fishing harbor in Strymonas River estuary», Διεθνές Συνέδριο με τίτλο Protection and Restoration of the Environment VII, 28 Ιουνίου – 1 Ιουλίου 2004, Μύκονος (διαθέσιμη στα Πρακτικά του Συνεδρίου σε ηλεκτρονική μορφή).

Fotopoulos G., Tziavos I.N., Sideris M.G., 2004, On the incorporation of sea surface topography in establishing vertical control. International Association of Geodesy Symposia, Vol. 129, Jekeli C, Bastos L, Fernandes J (eds.), Springer – Verlag, Gravity Geoid and Space Missions 2004, pp. 185 - 190.

G.S. Vergos, I.N. Tziavos and M.G. Sideris, 2004: On the validation of CHAMP- and GRACE-type EGMs and the construction of a combined model. Joint CHAMP/GRACE Science Meeting, Potsdam, July 6-8, 2004.

Georgoula, O., Kaimaris, D., Tsakiri, M., Patias, P., (2004), From the aerial photo to high resolution satellite image: Tools for the archaeological research", International Archives of XXth ISPRS Congress, "Geo-Imagery Bridging Continents", 12-13 July 2004, Istanbul, Turkey, Vol.XXXV part B7, pp. 1055-1060, ISSN 1682-1750

Grigoriadis V.N., Tziavos I.N., 2004, Development of a Software Package for the Automation of Measurements in Bathymetric Mapping. FIG Working Week 2004, Athens, Greece, May 22 - 27, 2004.

I. Doukas, A. Fotiou, I. M. Ifadis, K. Katsambalos, K. Lakakis, N. Petridou-Chrysochoidou, C. Pikridas, D. Rossikopoulos, P. Savvaidis, K. Tokmakidis and I. N. Tziavos 2004, Displacement field estimation from GPS measurements in the Volvi area, Proceedings of FIG 27th Working Week "The Olympic Spirit in Surveying", Athens, 22 – 27.05.04.

I. Doukas, A. Fotiou, I. M. Ifadis, K. Katsambalos, K. Lakakis, N. Petridou-Chrysochoidou, C. Pikridas, D. Rossikopoulos, P. Savvaidis, K. Tokmakidis and I. N. Tziavos 2004, Displacement field estimation from GPS measurements in the Volvi area, Proceedings of FIG 27th Working Week "The Olympic Spirit in Surveying", Athens, 22 – 27.05.04.

Koidis P., P. Patias, V. Tsioukas, (2004), 3D Visualization of Dental Data for Virtual Treatment Planning, International Archives of Photogrammetry and Remote Sensing, Vol. XXXV, Part 5, pages 996-1001

M.E Contadakis, D. Arabelos, G. Asteriadis, C. Pikridas and S. Spatalas 2004, GPS monitoring of Ionospheric TEC over the area of Thessaloniki in

order to detect disturbances related to the local tectonic activity, Geophysical Research Abstracts, 1st General Assembly of EGU (European Geosciences Union) Nice, France, 25 – 30.04.04

Mertikas S.P., Pavlis E.C., Tziavos I.N., Koutroulis E., Palamartchouk K., Papadopoulos Th., Vergos G.S., 2004, Permanent facility for calibration/validation of satellite altimetry: GAVDOS. Invited paper, Proceedings of SPIE, The International Society for Optical Engineering, Remote Sensing of the Ocean and Sea Ice 2004, Vol. 5569, Bostater S.R. Jr., Santoreli R (eds), pp.14-25.

Mintsis G., Taxiltaris C., Basbas S., 2004, Traffic safety educational parks and training - examination centers for drivers in Greece: an essential step for the improvement of road safety level, 7th World Conference on Injury Prevention and Safety Promotion, Austrian Board for Safety and Prevention, World Health Organization, European Commission, Vienna, Austria, 1-12.

Mintsis G., Taxiltaris C., Basbas S., 2004, Traffic safety educational parks and training - examination centers for drivers in Greece: an essential step for the improvement of road safety level, 7th World Conference on Injury Prevention and Safety Promotion, Austrian Board for Safety and Prevention, World Health Organization, European Commission, Vienna, Austria, 1-12.

Mintsis G., Taxiltaris C., Basbas S., 2004, Traffic safety educational parks and training - examination centers for drivers in Greece: an essential step for the improvement of road safety level, 7th World Conference on Injury Prevention and Safety Promotion, Austrian Board for Safety and Prevention, World Health Organization, European Commission, Vienna, Austria, 1-12.

Mintsis G., Taxiltaris C., Basbas S., Nikas C., Miltiadou M., Papadopoulos S., Tsoukala A., 2004, Traffic flows forecasting in an uncertain economic and geopolitical environment: the case of the Pan-European Corridor X, Proceedings of the 10th World Conference on Transport Research (WCTR 04), Instabul, 1-20.

Mintsis G., Taxiltaris C., Basbas S., Nikas C., Miltiadou M., Papadopoulos S., Tsoukala A., 2004, Traffic flows forecasting in an uncertain economic and geopolitical environment: the case of the Pan-European Corridor X, Proceedings of the 10th World Conference on Transport Research (WCTR 04), Instabul, 1-20.

Mintsis G., Taxiltaris C., Basbas S., Nikas C., Miltiadou M., Papadopoulos S., Tsoukala A., 2004, Traffic flows forecasting in an uncertain economic and geopolitical environment: the case of the Pan-European Corridor X, Proceedings of the 10th World Conference on Transport Research (WCTR 04), Instabul, 1-20.

Nikolaou K., Toskas G., Natsinas T., Grigoriadou M., Basbas S., 2004, Bus lanes and vehicle emission reduction in urban areas, Proceedings of the International Conference: Protection and Restoration of the Environment VII, National Technical University of Athens (NTUA) – Laboratory of Harbour

Τμήμα Αγρονόμων Τοπογράφων Μηχανικών

Works, Stevens Institute of Technology (SIT) – Centre for Environmental Systems, in collaboration with the University of Aegean – Laboratory of Environmental Education and Communication, Ed. Moutzouris C., Christodoulatos C., Dermatas D., Koutsospyros A., Skanavis C., Stamou A., Assoc.Ed. Braida W., Skoula Z., Tsoukala V., Mykonos, 1-7.

Papageorgiou D., C. Pikridas, A.Fotiou and K. Katsambalos 2004, An Educational - Purpose software Package for GPS Baseline Determination using Code Measurements, Proceedings of FIG 27th Working Week " The Olympic Spirit in Surveying", Athens, 22 – 27.05.04.

Papageorgiou D., C. Pikridas, A.Fotiou and K. Katsambalos 2004, An Educational - Purpose software Package for GPS Baseline Determination using Code Measurements, Proceedings of FIG 27th Working Week " The Olympic Spirit in Surveying", Athens, 22 – 27.05.04.

Patias, P., (2004), 35 years of CIPA, International Archives of Photogrammetry and Remote Sensing, Vol. XXXV, Part 5, pages 834-838.

Pikridas C., S. Spatalas, K. Tokmakidis and D. Tsoulis. 2004, Terrain Creation and Analysis using Information from GPS and Classical Techniques, Proceedings of INGEO 2004 - 3rd International Conference on Engineering Surveying, FIG Regional Central and Eastern European Conference. Bratislava, 11 – 13.11.04

Pikridas C., Spatalas S., Tokmakidis K. and Tsoulis D., «Terrain Creation and Analysis using Information from GPS and Classical Techniques». Proceedings of INGEO 2004 - 3rd International Conference on Engineering Surveying, FIG Regional Central and Eastern European Conference. Bratislava, Slovakia, 11 - 13 November 2004

Savvaidis P., Doukas I.D., Tziavos I.N., Kiratzi A., Savvaidis A., Sotiriadis A., Koutoupes S., 2005: Use of web-based GIS for the assessment of damage due to natural or man-made disasters to the urban environment. Proceedings of the FIG International Symposium "Modern technologies, Education and Professional Practice in Geodesy and Related Fields", Sofia, 4 - 5 November 2004, pp. 495-504.

Sechidis L., D. Gemenetzis, S. Sylaiou, P. Patias, V. Tsioukas, (2004), Openview A Free System for Stereoscopic Representation of 3D Models or Scenes, International Archives of Photogrammetry and Remote Sensing, Vol. XXXV, Part 5, pages 819-823.

Taxiltaris C., Mintsis G., Basbas S., 2004, Vers une réforme du permis de conduire en Grèce: l'intégration des aspects comportementaux de la Sécurité Routière, Actes du 11e Congres International Francophone: Techniques et technologies au service de la sécurité et de la sûreté dans les transports, Association pour le Développement des Techniques de Transport, d'Environnement et de Circulation (ATEC), Paris, 1-10.

Taxiltaris C., Mintsis G., Basbas S., 2004, Vers une réforme du permis de conduire en Grèce: l'intégration des aspects comportementaux de la Sécurité Routière, Actes du 11e Congres International Francophone: Techniques et technologies au service de la sécurité et de la sûreté dans les transports, Association pour le Développement des Techniques de Transport, d'Environnement et de Circulation (ATEC), Paris, 1-10.

Taxiltaris C., Mintsis G., Basbas S., 2004, Vers une réforme du permis de conduire en Grèce: l'intégration des aspects comportementaux de la Sécurité Routière, Actes du 11e Congres International Francophone: Techniques et technologies au service de la sécurité et de la sûreté dans les transports, Association pour le Développement des Techniques de Transport, d'Environnement et de Circulation (ATEC), Paris, 1-10.

Taxiltaris C., Papaioannou P., Basbas S., 2004, Evaluation of learning material in PORTAL project: The case of quality management & benchmarking in public transport, Proceedings of the 1st International Conference: The Internet Society – Advances in Learning, Commerce and Security, Wessex Institute of Technology, The University of Bergen/Norway, Ed. Morgan K., Spector J.M., Skiathos, 99-108.

Taxiltaris C., Papaioannou P., Basbas S., 2004, Evaluation of learning material in PORTAL project: The case of quality management & benchmarking in public transport, Proceedings of the 1st International Conference: The Internet Society – Advances in Learning, Commerce and Security, Wessex Institute of Technology, The University of Bergen/Norway, Ed. Morgan K., Spector J.M., Skiathos, 99-108.

Taxiltaris C., Papaioannou P., Mintsis G., Basbas S., 2004, Promotion of results in transportation research and learning: the PORTAL project, Proceedings of the 2nd International Congress on Transportation Research in Greece, Institute of Transport, Hellenic Institute of Transportation Engineers, Athens, 407-417.

Taxiltaris C., Papaioannou P., Mintsis G., Basbas S., 2004, Promotion of results in transportation research and learning: the PORTAL project, Proceedings of the 2nd International Congress on Transportation Research in Greece, Institute of Transport, Hellenic Institute of Transportation Engineers, Athens, 407-417.

Taxiltaris C., Papaioannou P., Mintsis G., Basbas S., 2004, Promotion of results in transportation research and learning: the PORTAL project, Proceedings of the 2nd International Congress on Transportation Research in Greece, Institute of Transport, Hellenic Institute of Transportation Engineers, Athens, 407-417.

Tokmakidis K., Kalyvioti M.-E., Nanakou P., «Geographic Information System Applied in Archaeological Site». Proceedings of the International Congress «FIG Working Week: The Olympic Spirit in Surveying», Athens 22-27 May 2004

Tóth Gy., Földváry L., Tziavos I.N., Ádám J., 2004, Upward/downward continuation of gravity gradients for precise geoid determination. 2nd Int. GOCE User Workshop, ESA ESRIN, 8-10 March, 2004.

Tscherning, C.C. and Arabelos, D.N.: Computation of a geopotential model from GOCE data using fast spherical collocation - A simulation study. IAG Proceedings Vol. 128, pp. 310-313, Springer verlag, 2004.

Tsioukas, V., Patias, P., Jacobs, P., (2004), A Novel System For The 3d Reconstruction Of Small Archaeological Objects, International Archives of Photogrammetry and Remote Sensing, Vol. XXXV, Part 5, pages 815-818.

Tsioukas, V., Patias, P., Jacobs, P., (2004), A Novel System for the 3D Reconstruction of Small Objects, «Beyond the Artifact. Digital interpretation of the past», προς δημοσίευση στα πρακτικά του διεθνούς συνεδρίου «Computer Applications and Quantitative Methods in Archaeology», 2004, Prato, Italy.

Tziavos I.N., Andritsanos V.D., Forsberg R., Olesen A., 2004, Numerical investigation of downward continuation methods for airborne gravity data. International Association of Geodesy Symposia, Vol. 129, Jekeli C, Bastos L, Fernandes J (eds.), Springer – Verlag, Gravity Geoid and Space Missions 2004, Berlin Heidelberg, pp. 119 - 124.

Tziavos I.N., Kotzev V., Vergos G.S., L. Pashova, 2004, Mean sea level and sea surface topography studies in the Black Sea and the Aegean. International Association of Geodesy Symposia, Vol. 129, Jekeli C, Bastos L, Fernandes J (eds.), Springer – Verlag, Gravity Geoid and Space Missions 2004, Berlin Heidelberg, pp. 254 - 259.

Tzimopoulos C., Chalkidis I., Moutsopoulos K., Yannopoulos St., Sakellariou M., Evangelides C., 2004, Fuzzy simulation of soil water balance for the case of the two dimensional unsteady flow, Symposium on Water Resources Management Risks and Challenges for the 21st Century, E.W.R.A., Izmir, Turkey, Vol. III, 1017-1026,

Tzimopoulos C., Evangelides C., Arampatzis G., Tsaousis A., 2004, Soil water balance in horizontal infiltration, Symposium on Water Resources Management Risks and Challenges for the 21st Century, E.W.R.A., Izmir, Turkey, 999-1008.

V.D. Andritsanos, G. Fotopoulos, A. Fotiou, C. Pikridas, D. Rossikopoulos and I.N. Tziavos 2004, New local geoid model for Northern Greece, Proceedings of INCEO 2004 - 3rd International Conference on Engineering Surveying, FIG Regional Central and Eastern European Conference. Bratislava, Bratislava, 11 – 13.11.04

V.D. Andritsanos, G. Fotopoulos, A. Fotiou, C. Pikridas, D. Rossikopoulos and I.N. Tziavos 2004, New local geoid model for Northern Greece, Proceedings of INCEO 2004 - 3rd International Conference on Engineering Surveying, FIG

Regional Central and Eastern European Conference. Bratislava, Bratislava, 11 – 13.11.04

Vergos G.S., Tziavos I.N., Andritsanos V.D., 2004, Gravity Data Base Generation and Geoid Model Estimation Using Heterogeneous Data. International Association of Geodesy Symposia, Vol. 129, Jekeli C, Bastos L, Fernandes J (eds.), Springer – Verlag, Gravity Geoid and Space Missions 2004, pp. 155 - 160.

Yannopoulos S., Basbas S., Andrianos T., Rizos C., 2004, Receiving waters pollution investigation due to the interurban roads stormwater runoff, Proceedings of the International Conference: Protection and Restoration of the Environment VII, National Technical University of Athens (NTUA) – Laboratory of Harbour Works, Stevens Institute of Technology (SIT) – Centre for Environmental Systems, in collaboration with the University of Aegean – Laboratory of Environmental Education and Communication, Ed. Moutzouris C., Christodoulatos C., Dermatas D., Koutsospyros A., Skanavis C., Stamou A., Assoc.Ed. Braidia W., Skoula Z., Tsoukala V., Mykonos, 1-9.

Β. Καλπάκης, Π. Λαφαζάνη, Μ. Μυρίδης, Α. Τσελέπης, (2004): «Άτλαντας των Ελ-λη-νι-κών Κρα-σιών.» 8ο Εθνικό Συνέδριο Χαρτογραφίας: “Η Χαρτογραφία του Ευ Ζην”, ΧΕΕΕ, Θεσσαλονίκη, 2004. ΧΕΕΕ – Πρακτικά Συνεδρίου, σελ. 169-190, εκδόσεις Ζήτη, Θεσσαλονίκη 2006.

Β. Καλπάκης, Π. Λαφαζάνη, Μ. Μυρίδης, Α. Τσελέπης, (2004): «Άτλαντας των Ελ-λη-νι-κών Κρα-σιών.» 8ο Εθνικό Συνέδριο Χαρτογραφίας: “Η Χαρτογραφία του Ευ Ζην”, ΧΕΕΕ, Θεσσαλονίκη, 2004. ΧΕΕΕ – Πρακτικά Συνεδρίου, σελ. 169-190, εκδόσεις Ζήτη, Θεσσαλονίκη 2006.

Καραμαγκιόλας Κ., Καρανικόλας Ν., Λαφαζάνη Π., Μυρίδης Μ. Ράμναλης Δ., (2004): «Ο Τουρισμός στο διαδίκτυο: Ένας Ηλεκτρονικός Τουριστικός Οδηγός για τη Νομαρ-χι-α-κή Αυτοδιοίκηση». 8ο Εθνικό Συνέδριο Χαρτογραφίας: “Η Χαρτογραφία του Ευ Ζην”, Θεσ-σα-λο-νί-κη, 2004. ΧΕΕΕ – Πρακτικά Συνεδρίου, σελ. 93-102, εκδόσεις Ζήτη, Θεσσα-λο-νίκη 2006.

Καραμαγκιόλας Κ., Καρανικόλας Ν., Λαφαζάνη Π., Μυρίδης Μ. Ράμναλης Δ., (2004): «Ο Τουρισμός στο διαδίκτυο: Ένας Ηλεκτρονικός Τουριστικός Οδηγός για τη Νο-μαρ-χι-α-κή Αυτοδιοίκηση». 8ο Εθνικό Συνέδριο Χαρτογραφίας: “Η Χαρτογραφία του Ευ Ζην”, Θεσ-σα-λο-νί-κη, 2004. ΧΕΕΕ – Πρακτικά Συνεδρίου, σελ. 93-102, εκδόσεις Ζήτη, Θεσσα-λο-νίκη 2006.

Καρανικόλας Ν., Λαφαζάνη Π., Μυρίδης Μ., Ράμναλης Δ., (2004): «Η Θεσσαλονίκη τη νύχτα: Μια Ηλεκτρονική Χαρτογραφική Περιήγηση». 8ο Εθνικό Συνέδριο Χαρτο-γρα-φί-ας: “Η Χαρτογραφία του Ευ Ζην”, Θεσ-σα-λο-νί-κη, 2004. ΧΕΕΕ – Πρακτικά Συνεδρίου, σελ. 109-117, εκδόσεις Ζήτη, Θεσσαλονίκη 2006.

Καρανικόλας Ν., Λαφαζάνη Π., Μυρίδης Μ., Ράμναλης Δ., (2004): «Η Θεσσαλονίκη τη νύχτα: Μια Ηλεκτρονική Χαρτογραφική Περιήγηση». 8ο Εθνικό Συνέδριο Χαρτο-γρα-φί-ας: “Η Χαρτογραφία του Ευ Ζην”,

Θεσ-σα--λο-νί-κη, 2004. ΧΕΕΕ – Πρακτικά Συνεδρίου, σελ. 109-117, εκδόσεις Ζήτη, Θεσσαλονίκη 2006.

Καρανικόλας Ν., Λαφαζάνη Π., Μυρίδης Μ., Ράμναλης Δ., (2004): «Χάρτες – Οδηγοί Πόλεων». 8ο Εθνικό Συνέδριο Χαρτογραφίας: “Η Χαρτογραφία του Ευ Ζην”, Θεσ-σα--λο-νί-κη, 2004. ΧΕΕΕ – Πρακτικά Συνεδρίου, σελ. 119-131, εκδόσεις Ζήτη, Θεσσαλονίκη 2006.

Καρανικόλας Ν., Λαφαζάνη Π., Μυρίδης Μ., Ράμναλης Δ., (2004): «Χάρτες – Οδηγοί Πό-λεων». 8ο Εθνικό Συνέδριο Χαρτογραφίας: “Η Χαρτογραφία του Ευ Ζην”, Θεσ-σα--λο-νί-κη, 2004. ΧΕΕΕ – Πρακτικά Συνεδρίου, σελ. 119-131, εκδόσεις Ζήτη, Θεσσαλονίκη 2006.

Λαφαζάνη Π., (2004): «Η γεωγραφική τεκμηρίωση και η εξέλιξη του δικτύου των οι-κι--σμών μεσαίου μεγέθους στην Ήπειρο.» 4ο Διεπιστημονικό Διαπανεπιστημιακό Συνέδριο του Ε.Μ.Π. και του ΜΕ.Κ.Δ.Ε. του Ε.Μ.Π.: «Η Ολοκληρωμένη Ανάπτυξη της Ηπείρου», Μέ-τσοβο 2004. Πρακτικά Συνεδρίου, Τόμος Β΄, σελ. 94-126, Ίδρυμα Α-νά-πτυ-ξης του Με-τσόβιου Κέντρου Διεπιστημονικής Έρευνας (ΜΕ.Κ.Δ.Ε.) του Ε.Μ.Π., εκδόσεις Λι-βάνη, Α-θή-να 2007.

Λαφαζάνη Π., (2004): «Το “Ορεινό Τρίγωνο” της Ηπείρου: Κονιτσοχώρια – Ζα-γο-ρο-χώ-ρια – Τζουμερκοχώρια – Μέτσοβο.» 8ο Εθνικό Συνέδριο Χαρτογραφίας: “Η Χαρ-το-γρα-φία του Ευ Ζην”, Θεσ-σα--λο-νί-κη, 2004. ΧΕΕΕ – Πρακτικά Συνεδρίου, σελ. 243-290, εκ-δό-σεις Ζήτη, Θεσσαλονίκη 2006.

Παπαϊωάννου Π., Μπάσμπας Σ., 2004, Πρότυπα και Ποιότητα στις Δημόσιες Συγκοινωνίες, Πρακτικά 1ου Πανελληνίου Συνεδρίου για την Τυποποίηση, τα Πρότυπα και την Ποιότητα, Ένωση Ελλήνων Επιστημόνων για την Προτυποποίηση και την Τυποποίηση – ΕΝΕΠΡΟΤ, Θεσσαλονίκη, 344-354.

2005

Arabelos, D.N. , C.C. Tscherning and M. Veichert: External calibration of GOCE SGG data with terrestrial gravity data. A simulation study. IAG Symposia, Vol. 130, pp 337-344, 2005.

Arabelos, D.N. , G. Asteriadis, M.E. Contadakis, D. Papazachariou & S.D. Spatalas, 2005, Assessment of recent tidal models in the Mediterranean Sea. IAG Symposia, Vol. 130, pp 57-62, 2005.

Arabelos, D.N. , G. Asteriadis, M.E. Contadakis, D. Papazachariou & S.D. Spatalas: Assessment of recent tidal models in the Mediterranean Sea. IAG Symposia, Vol. 130, pp 57-62, 2005.

Arabelos, D.N. , G. Asteriadis, M.E. Contadakis, D. Papazachariou & S.D. Spatalas: Assessment of recent tidal models in the Mediterranean Sea. IAG Symposia, Vol. 130, pp 57-62, 2005.

Arabelos, D.N., Asteriadis, G., Bloutsos, A., Contadakis, M.E., Spatalas, S.D.: Investigation of possible correlation between atmospheric tidal exalting and

seismicity in the area of Thessaloniki, North Greece. IASPEI, General Assembly, Santiago, Chile, 2-8 October, 2005.

Basbas S., 2005, Road accident – risk models: the use of SafeNET in Thessaloniki, Proceedings of the 11th International Conference: Urban Transport and the Environment in the 21st Century – Urban Transport XI, Wessex Institute of Technology, WIT Transactions on the Built Environment, Vol.77, Ed. Brebbia C.A., Wadhwa L.C., Algarve, 219-228.

Basbas S., 2005, Traffic demand reduction strategies: the potential role of Park and Ride, Proceedings of the 2nd International Conference: Sustainable Development and Planning, Wessex Institute of Technology, WIT Transactions on Ecology and the Environment, Vol.84, Ed. Kungolos A.G., Brebbia C.A., Beriatos E., Bologna, 839-848.

Basbas S., Dodos M., Papaioannou P., 2005, Expected safety and socioeconomic benefits from the application of telematics in the Greek motorways: the case of Egnatia Odos, Proceedings of the 18th International Cooperation on Theories and Concepts in Traffic Safety (ICTCT) workshop: Transport telematics and safety - Technical, social and psychological aspects, Helsinki, 1-13.

Basbas S., Mintsis G., Oikonomou K., Taxiltaris C., 2005, Design of a sustainable and accessible environment in central areas, Proceedings of the 2nd International Conference: Sustainable Development and Planning, Wessex Institute of Technology, WIT Transactions on Ecology and the Environment, Vol.84, Ed. Kungolos A.G., Brebbia C.A., Beriatos E., Bologna, 921-930.

Basbas S., Mintsis G., Oikonomou K., Taxiltaris C., 2005, Design of a sustainable and accessible environment in central areas, Proceedings of the 2nd International Conference: Sustainable Development and Planning, Wessex Institute of Technology, WIT Transactions on Ecology and the Environment, Vol.84, Ed. Kungolos A.G., Brebbia C.A., Beriatos E., Bologna, 921-930.

Basbas S., Mintsis G., Oikonomou K., Taxiltaris C., 2005, Design of a sustainable and accessible environment in central areas, Proceedings of the 2nd International Conference: Sustainable Development and Planning, Wessex Institute of Technology, WIT Transactions on Ecology and the Environment, Vol.84, Ed. Kungolos A.G., Brebbia C.A., Beriatos E., Bologna, 921-930.

Basbas S., Mintsis G., Taxiltaris C., 2005, Analyzing travel patterns for cultural land use, Proceedings of the European Transport Conference 2005, Association for European Transport (AET), Strasbourg, 1-12.

Basbas S., Mintsis G., Taxiltaris C., 2005, Analyzing travel patterns for cultural land use, Proceedings of the European Transport Conference 2005, Association for European Transport (AET), Strasbourg, 1-12.

Basbas S., Mintsis G., Taxiltaris C., 2005, Analyzing travel patterns for cultural land use, Proceedings of the European Transport Conference 2005, Association for European Transport (AET), Strasbourg, 1-12.

Basbas S., Nikolaou K., 2005, Environmental and traffic evaluation of bus lanes, Πρακτικά 5ου Διεθνούς Συνεδρίου στην Τεχνολογία Περιβάλλοντος, Heleco '05, Τεχνικό Επιμελητήριο Ελλάδας, Αθήνα, 1-10.

Basbas S., Pitsiava-Latinopoulou M., Andrianos T., 2005, Examination of the use of roadside parking lots in urban areas: data collection considerations, Proceedings of the World Parking Symposium V, The Canadian Parking Foundation, The University of Stuttgart, Stuttgart, 1-13.

Biagi, L. and A. Dermanis (2005) The treatment of time-continuous GPS observations for the determination of regional deformation parameters. In: F. Sanso & A.J. Gil (Eds.), 2006, "Geodetic deformation monitoring: from geophysical to geodetic roles", IAG Symposia, Vol. 131, pp. 83-94, Springer Verlag,, Berlin, 2006.

D.N.Arabelos,G. Asteriadis, A. Bloutsos,M.E.Contadakis, S.D. Spatalas.:Investigationof possible correlation between atmospheric tidal exalting and seismicity in the area of Thessaloniki,Noth Greece. Presented in General Assembly of the InternationalUnion of Geodesy and Geophysics, Santiago, Chile, 2-8 , October,2005

Dermanis A. and C. Kotsakis (2005): Estimating crustal deformation parameters from geodetic data: Review of existing methodologies, open problems and new challenges. Invited Presentation at the International Symposium on "Geodetic deformation monitoring: from geophysical to geodetic roles", March 17-19, 2005, Jaen, Spain. In: F. Sanso & A.J. Gil (Eds.), 2006, "Geodetic deformation monitoring: from geophysical to geodetic roles", IAG Symposia, Vol. 131, pp. 7-18, Springer Verlag,, Berlin, 2006.

E. A. Tzanou, E. K. Oikonomou and A. Guitonas, «Comparison and evaluation of current innovative technologies for industrial wastewater treatment», Διεθνές Συνέδριο με τίτλο 9th International Conference on Environmental Science and Technology, 1-3 Σεπτεμβρίου 2005, Ρόδος, σ.951-956.

Fotopoulos G., Kotsakis C., Sideris M.G., 2005, Estimation of variance components through a combined adjustment of GPS, geoid and levelling data. Proceedings of the XXIII General Assembly of the International Union of Geodesy and Geophysics (IUGG), Sapporo, Japan, June 30 – July 11, 2003. In: IAG Symposia Series (F. Sanso, ed.), Springer-Verlag, Berlin Heidelberg, vol. 128, pp. 440-445.

Fotopoulos G., Tziavos I.N., 2005, The Greeks and the navigation – A review from the antiquity to nowadays (in Greek). Proceedings of the conference "The progress of the instruments, methods and measurements of the science of surveying in Greece", pp. 28-45, Thessaloniki, April 15 - 16, 2005.

Grigoriadis V.N., Tziavos I.N., 2005, Methods and instruments for bathymetric surveying, (in Greek). Proceedings of the conference "The progress of the instruments, methods and measurements of the science of surveying in Greece", pp. 244-255, Thessaloniki, April 15 - 16, 2005.

Gritzias G., Tsaparas T., Karnavou E., 2005, Regional Differentiations and Spatial Models/Typologies in Greece, Proceedings of the 14th European Colloquium on Theoretical and Quantitative Geography, Tomar (Portugal), 9-13/9/2005

Karnavou E., Gritzias G., 2005, GIS diffusion, NSDI and the public debate in Greece, Proceedings of the 8th AGILE conference 25-28/5/2005, Estoril (Portugal)

Kotsakis C., Tziavos I.N., 2005, Parametric versus non-parametric methods for optimal weighted averaging of noisy data sets. Proceedings of the XXIII General Assembly of the International Union of Geodesy and Geophysics (IUGG), Sapporo, Japan, June 30 – July 11, 2003. In: IAG Symposia Series (F. Sanso, ed.), Springer-Verlag, Berlin Heidelberg, vol. 128, pp. 434-439.

M. Contadakis, D.Arabelos, G.Asteriadis and C.Pikridas 2005. NIGHT-TIME SPECTRAL CONTENT OF IONOSPHERIC TURBULENTS, A POSSIBLE EARTHQUAKE PRECURSORY INDEX. International Earth Sciences Colloquium on the Aegean Regions – IESCA 2005. Dokuz Eylul University, Izmir, TURKEY, 4 – 7 October.

M. Contadakis, D.Arabelos, G.Asteriadis and C.Pikridas 2005. NIGHT-TIME SPECTRAL CONTENT OF IONOSPHERIC TURBULENTS, A POSSIBLE EARTHQUAKE PRECURSORY INDEX. International Earth Sciences Colloquium on the Aegean Regions – IESCA 2005. Dokuz Eylul University, Izmir, TURKEY, 4 – 7 October.

M. Contadakis, D.Arabelos, G.Asteriadis and C.Pikridas 2005. NIGHT-TIME SPECTRAL CONTENT OF IONOSPHERIC TURBULENTS, A POSSIBLE EARTHQUAKE PRECURSORY INDEX. Poster presented at International Earth Sciences Colloquium on the Aegean Regions – IESCA 2005. Dokuz Eylul University, Izmir, TURKEY, 4 – 7.10.06

M.E Contadakis, D. Arabelos, G. Asteriadis, C. Pikridas and S. Spatalas 2005, Ionospheric TEC disturbances over the area of Thessaloniki, possibly related to the local tectonic activity, Geophysical Research Abstracts vol. 7, General Assembly of EGU (European Geosciences Union), Vienna, Austria, 24 – 29.04.05.

M.E Contadakis, D. Arabelos, G. Asteriadis, C. Pikridas and S. Spatalas 2005. "Ionospheric TEC disturbances over the area of Thessaloniki, possibly related to the local tectonic activity." Geophysical Research Abstracts vol. 7, General Assembly of EGU (European Geosciences Union), Vienna, Austria, 24 - 29 April.

M.E Contadakis, D. Arabelos, G. Asteriadis, C. Pikridas and S. Spatalas 2005. "Ionospheric TEC disturbances over the area of Thessaloniki, possibly related to the local tectonic activity." Geophysical Research Abstracts vol. 7, General Assembly of EGU (European Geosciences Union), Vienna, Austria, 24 - 29 April.

M.E.Contadakis, D.Arabelos, G.Asteriadis, C. Pikridas, S.Spatalas and M.Chatzinikos 2005 "IONOSPHERIC TEC DISTURBANCES OVER THE AREA OF THESSALONIKI IN RELATION TO THE LOCAL SEISMIC ACTIVITY." Πρακτικά συνεδρίου « Γεωλογία της θράκης – σεισμοτεκτονική του Β.Α. Αιγαίου ». Σαμοθράκη 2 - 4 Σεπτεμβρίου.

M.E.Contadakis, D.Arabelos, G.Asteriadis, C. Pikridas, S.Spatalas and M.Chatzinikos 2005 "IONOSPHERIC TEC DISTURBANCES OVER THE AREA OF THESSALONIKI IN RELATION TO THE LOCAL SEISMIC ACTIVITY." Πρακτικά συνεδρίου « Γεωλογία της θράκης – σεισμοτεκτονική του Β.Α. Αιγαίου ». Σαμοθράκη 2 - 4 Σεπτεμβρίου.

M.E.Contadakis, D.Arabelos, G.Asteriadis, C. Pikridas, S.Spatalas and M.Chatzinikos 2005, IONOSPHERIC TEC DISTURBANCES OVER THE AREA OF THESSALONIKI IN RELATION TO THE LOCAL SEISMIC ACTIVITY, Πρακτικά συνεδρίου « Γεωλογία της θράκης – σεισμοτεκτονική του Β.Α. Αιγαίου ». Σαμοθράκη 2 – 4.09.05.

Michail A., Basbas S., Nikolaou K., 2005, Comparison of dispersion models for vehicular air pollutants in urban areas, Proceedings of the 9th International Conference on Environmental Science and Technology, University of the Aegean – Department of Environmental Studies, Global Network for Environmental Science and Technology (Global-NEST), Ed. Lekkas T., pp.B611-B616.

Nikolaos Karanikolas, Pery Lafazani, Myron Myridis, Dimitrios Ramnalis (2005): «A Geographic Visualization of the Growth of Suburbanization in Thessaloniki via Multivariate Thematic Cartography.» International Conference of I.C.A. (Coruna, 2005).

Nikolaos Karanikolas, Pery Lafazani, Myron Myridis, Dimitrios Ramnalis (2005): «A Ge-ographic Visualization of the Growth of Suburbanization in Thessaloniki via Mul-ti-va-ri-a-te Thematic Cartography.» International Conference of I.C.A. (Coruna, 2005).

Nikolaos Karanikolas, Pery Lafazani, Myron Myridis, Dimitrios Ramnalis (2005): «Designing a new cultural electronic Atlas of Greece.» International Conference of I.C.A. (Coruna, 2005).

Nikolaos Karanikolas, Pery Lafazani, Myron Myridis, Dimitrios Ramnalis (2005): «De-si-gning a new cultural electronic Atlas of Greece.» International Conference of I.C.A. (Co-runu, 2005).

Nikolaos Karanikolas, Pery Lafazani, Myron Myridis, Dimitrios Ramnalis (2005): «The uniform European Union as a mosaic of unequal regions:

Geographic Approach – Cartographic Documentation.» International Conference of I.C.A. (Coruna, 2005).

Nikolaos Karanikolas, Pery Lafazani, Myron Myridis, Dimitrios Ramnalis (2005): «The u-niform European Union as a mosaic of unequal regions: Geographic Approach – Car-to-graphic Documentation.» International Conference of I.C.A. (Coruna, 2005).

Pitsiava – Latinopoulou M., Basbas S., Zacharaki E., 2005, Technology foresight in the transport sector: a Delphi survey, Proceedings of the 11th International Conference: Urban Transport and the Environment in the 21st Century – Urban Transport XI, Wessex Institute of Technology, WIT Transactions on the Built Environment, Vol.77, Ed. Brebbia C.A., Wadhwa L.C., Algarve, 757-766.

Politis I., Basbas S., Tzevelekis I., 2005, Incident management and environmental impacts in urban road networks, Proceedings of the 9th International Conference on Environmental Science and Technology, University of the Aegean – Department of Environmental Studies, Global Network for Environmental Science and Technology (Global-NEST), Ed. Lekkas T., pp.B735-740.

Sechidis, L., Patias, P., (2005), Stereoscopic visualization and database information retrieval, Proceedings of the CIPA XX Symposium, Torino, Italy, also: The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences, Vol. 34, Part XXX, pp. 1132-1137

Stylianidis, E., P. Patias, C. Liapakis, V. Balis , G. Philotheou, (2005), Visualization of frescos by means of Photogrammetry and laser scanner, Proceedings of the CIPA XX Symposium, Torino, Italy, also: The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences, Vol. 34, Part XXX, pp. 556-560

Sylaiou, S., Liarokapis, F., Sechidis, L., Patias, P., Georgoula, O., (2005), Virtual museums: First results of a survey on methods and tools, Proceedings of the CIPA XX Symposium, Torino, Italy, also: The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences, Vol. 34, Part XXX, pp. 1138-1143

Taxiltaris C., Mintsis G., Basbas S, Miltiadou M., 2005, Implementation of the Pan-European Corridors Concept: The Case of Corridor X, Proceedings of the COST 340 Final Conference: Towards a European Intermodal Transport Network - Lessons from History, Paris, 1-11.

Taxiltaris C., Mintsis G., Basbas S, Miltiadou M., 2005, Implementation of the Pan-European Corridors Concept: The Case of Corridor X, Proceedings of the COST 340 Final Conference: Towards a European Intermodal Transport Network - Lessons from History, Paris, 1-11.

Taxiltaris C., Mintsis G., Basbas S, Miltiadou M., 2005, Implementation of the Pan-European Corridors Concept: The Case of Corridor X, Proceedings of the

COST 340 Final Conference: Towards a European Intermodal Transport Network - Lessons from History, Paris, 1-11.

Taxiltaris C., Mintsis G., Basbas S., Miltiadou M., 2005, Inventory of the current status and future outlook of the Pan-European Rail Corridor X, Proceedings of the 2nd International Conference: Railway Transport Development, Hellenic Institute of Transportation Engineers, Athens, 159-173.

Taxiltaris C., Mintsis G., Basbas S., Miltiadou M., 2005, Inventory of the current status and future outlook of the Pan-European Rail Corridor X, Proceedings of the 2nd International Conference: Railway Transport Development, Hellenic Institute of Transportation Engineers, Athens, 159-173.

Taxiltaris C., Mintsis G., Basbas S., Miltiadou M., 2005, Inventory of the current status and future outlook of the Pan-European Rail Corridor X, Proceedings of the 2nd International Conference: Railway Transport Development, Hellenic Institute of Transportation Engineers, Athens, 159-173.

Taxiltaris C., Spandou M., 2005, Public Transport Systems in Greece: Current Situation and Future Challenges, Proceedings of the 9th International Conference on Competition and Ownership in Land Passenger Transport, Ed. Macario R., Viegas J., Hensher D.A., Lisbon, 861-880.

Tsoulis D, Stary B (2005) First results towards an isostatically compensated reference Earth model, presented at the XXIII General Assembly of the International Union of Geodesy and Geophysics, 30.06-11.07.03, Sapporo, Japan. In: A Window on the Future of Geodesy (Ed: F Sanso), IAG Symposia Series, Volume 128, 356-361 pp, Springer

Tzimopoulos C., Anastasiadis E., Evangelides C., Arampatzis G., 2005, Water mass balance in the case of vertical infiltration, 9th International Conference on Environmental Science and Technology, University of the Aegean and Global NEST, Rhodes island, Greece, Vol. A, 1508-1513.

Tzimopoulos C., Chalkidis I., Moutsopoulos K., Sakellariou M., Yannopoulos S., Evangelides C., 2005, Soil Water Balance using fuzzy calculations, 9th International Conference on Environmental Science and Technology, University of the Aegean and Global NEST, Rhodes Island, Greece, Vol. B, 957-962

Tzimopoulos C., Ginidi P., Evangelides C., Arampatzis G., Water Resources Management in the Watershed of Koronia Lake, International Conference on Energy, Environment, Ecosystems and Sustainable Development, IASME / WSEAS, Vouliagmeni, Athens, Greece, 12-14.07.05

Tzimopoulos C., Zeibeki A., Ginidi P., Evangelides C., 2005, Water resources management in the watershed of Volvi Lake, 9th International Conference on Environmental Science and Technology, University of the Aegean and Global NEST, Rhodes island, Greece, Vol. B, 963-968.

Vergos G.S., Grigoriadis V.N., Kalampoukas G., Tziavos I.N., 2005, Accuracy assessment of the SRTM 90m DTM over Greece and its implications to geoid modeling. International Association of Geodesy Symposia, vol. 130, Tregoning P and Rizos C (eds.), Springer – Verlag, Dynamic Planet - Monitoring and Understanding a Dynamic Planet with Geodetic and Oceanographic Tools, pp. 309 - 315.

Vergos G.S., Grigoriadis V.N., Tziavos I.N., Sideris M.G., 2005, Combination of multi-satellite altimetry data with CHAMP and GRACE EGMs for geoid and sea surface topography determination. International Association of Geodesy Symposia, vol. 130, Tregoning P and Rizos C (eds.), Springer – Verlag, Dynamic Planet - Monitoring and Understanding a Dynamic Planet with Geodetic and Oceanographic Tools, pp. 244 - 250.

Γιαννόπουλος Σ., Πέτσαλης Ν., Μπάσμπας Σ., 2005, Διαχείριση της ρύπανσης των υδάτινων σωμάτων από τις απορροές των ομβρίων των υπεραστικών οδών με δομικά μέτρα βέλτιστης διαχείρισης, Πρακτικά 2ου Πανελληνίου Συνεδρίου Οδοποιίας, Τεχνικό Επιμελητήριο Ελλάδας, Βόλος, 1-12.

Γκιάλης Σ., Καρνάβου Ε., 2005, Κρίση και μεταβολή του τοπικού παραγωγικού συστήματος Θεσσαλονίκης: μεγέθη επιχειρήσεων, στρατηγικές αναδιάρθρωσης και άτυπη εργασία, Πρακτικά συνεδρίου του Περιοδικού Γεωγραφίας: «Γεωγραφία της Μητρόπολης: όψεις του φαινομένου στον ελληνικό χώρο», Α.Π.Θ. Πολυτεχνική Σχολή, Οκτωβρίου 2005, Θεσσαλονίκη

Ε. Τζάνου, Ε. Οικονόμου και Α. Γείτονας, «Χρήση μικροοργανισμών και δράση ενζύμων στην επεξεργασία βιομηχανικών αποβλήτων», 5ο Διεθνές Συνέδριο για την Τεχνολογία Περιβάλλοντος, Heleco'05, 3-6 Φεβρουαρίου 2005, Αθήνα (διαθέσιμη στα Πρακτικά του Συνεδρίου σε ηλεκτρονική μορφή).

Ζουλούμης Γ., Μπάσμπας Σ., 2005, Αξιολόγηση Δυτικού σιδηροδρομικού άξονα – ωφέλειες απο την εφαρμογή της μεθόδου της σταθερής επιδομής, Proceedings of the 2nd International Conference: Railway Transport Development, Hellenic Institute of Transportation Engineers, Athens, 55-65.

Κοκκάλης Α., Τσαβαλά Κ., Μπάσμπας Σ., Παπαϊωάννου Π., Λακάκης Κ., 2005, Η θεώρηση της οδικής ασφάλειας στα έργα Οδοποιίας της Εγνατίας Οδού, Πρακτικά 3ου Πανελληνίου Συνεδρίου Οδικής Ασφάλειας, Πανεπιστήμιο Πατρών - Σπουδαστήριο Τεχνικής Μεταφορών & Κυκλοφορίας Τμήματος Πολιτικών Μηχανικών, Σύλλογος Ελλήνων Συγκοινωνιολόγων, ΤΕΕ, Πάτρα, 1-15.

Μίντσης Γ., Ταξιλάρης Χ., Μπάσμπας Σ., Ντεμογιάννη Σ., 2005, Ο ρόλος των ερευνών δηλωμένων προτιμήσεων στην εκτίμηση του κόστους των οδικών τροχαίων ατυχημάτων, Πρακτικά 3ου Πανελληνίου Συνεδρίου Οδικής Ασφάλειας, Πανεπιστήμιο Πατρών - Σπουδαστήριο Τεχνικής Μεταφορών & Κυκλοφορίας Τμήματος Πολιτικών Μηχανικών, Σύλλογος Ελλήνων Συγκοινωνιολόγων, ΤΕΕ, Πάτρα, 1-11.

Μίντσης Γ., Ταξιλάρης Χ., Μπάσμπας Σ., Ντεμογιάννη Σ., 2005, Ο ρόλος των ερευνών δηλωμένων προτιμήσεων στην εκτίμηση του κόστους των οδικών τροχαίων ατυχημάτων, Πρακτικά 3ου Πανελληνίου Συνεδρίου Οδικής Ασφάλειας, Πανεπιστήμιο Πατρών - Σπουδαστήριο Τεχνικής Μεταφορών & Κυκλοφορίας Τμήματος Πολιτικών Μηχανικών, Σύλλογος Ελλήνων Συγκοινωνιολόγων, ΤΕΕ, Πάτρα, 1-11.

Μίντσης Γ., Ταξιλάρης Χ., Μπάσμπας Σ., Ντεμογιάννη Σ., 2005, Ο ρόλος των ερευνών δηλωμένων προτιμήσεων στην εκτίμηση του κόστους των οδικών τροχαίων ατυχημάτων, Πρακτικά 3ου Πανελληνίου Συνεδρίου Οδικής Ασφάλειας, Πανεπιστήμιο Πατρών - Σπουδαστήριο Τεχνικής Μεταφορών & Κυκλοφορίας Τμήματος Πολιτικών Μηχανικών, Σύλλογος Ελλήνων Συγκοινωνιολόγων, ΤΕΕ, Πάτρα, 1-11.

Μίντσης Γ., Ταξιλάρης Χ., Μπάσμπας Σ., Φυλακτάκης Α., Σπάνδου Μ., 2005, Ανάπτυξη σχεδίου αναβάθμισης του συστήματος εκπαίδευσης και εξέτασης υποψηφίων οδηγών στην Ελλάδα, Πρακτικά 3ου Πανελληνίου Συνεδρίου Οδικής Ασφάλειας, Πανεπιστήμιο Πατρών - Σπουδαστήριο Τεχνικής Μεταφορών & Κυκλοφορίας Τμήματος Πολιτικών Μηχανικών, Σύλλογος Ελλήνων Συγκοινωνιολόγων, ΤΕΕ, Πάτρα, 1-14.

Μίντσης Γ., Ταξιλάρης Χ., Μπάσμπας Σ., Φυλακτάκης Α., Σπάνδου Μ., 2005, Ανάπτυξη σχεδίου αναβάθμισης του συστήματος εκπαίδευσης και εξέτασης υποψηφίων οδηγών στην Ελλάδα, Πρακτικά 3ου Πανελληνίου Συνεδρίου Οδικής Ασφάλειας, Πανεπιστήμιο Πατρών - Σπουδαστήριο Τεχνικής Μεταφορών & Κυκλοφορίας Τμήματος Πολιτικών Μηχανικών, Σύλλογος Ελλήνων Συγκοινωνιολόγων, ΤΕΕ, Πάτρα, 1-14.

Μίντσης Γ., Ταξιλάρης Χ., Μπάσμπας Σ., Φυλακτάκης Α., Σπάνδου Μ., 2005, Ανάπτυξη σχεδίου αναβάθμισης του συστήματος εκπαίδευσης και εξέτασης υποψηφίων οδηγών στην Ελλάδα, Πρακτικά 3ου Πανελληνίου Συνεδρίου Οδικής Ασφάλειας, Πανεπιστήμιο Πατρών - Σπουδαστήριο Τεχνικής Μεταφορών & Κυκλοφορίας Τμήματος Πολιτικών Μηχανικών, Σύλλογος Ελλήνων Συγκοινωνιολόγων, ΤΕΕ, Πάτρα, 1-14.

Μπάσμπας Σ., Μίντσης Γ., Ταξιλάρης Χ., Μίντσης Ε., 2005, Σχεδιασμός ολοκληρωμένου συστήματος παρακολούθησης και ελέγχου συμπεριφοράς οδηγών, Πρακτικά 3ου Πανελληνίου Συνεδρίου Οδικής Ασφάλειας, Πανεπιστήμιο Πατρών - Σπουδαστήριο Τεχνικής Μεταφορών & Κυκλοφορίας Τμήματος Πολιτικών Μηχανικών, Σύλλογος Ελλήνων Συγκοινωνιολόγων, ΤΕΕ, Πάτρα, 1-12.

Μπάσμπας Σ., Μίντσης Γ., Ταξιλάρης Χ., Μίντσης Ε., 2005, Σχεδιασμός ολοκληρωμένου συστήματος παρακολούθησης και ελέγχου συμπεριφοράς οδηγών, Πρακτικά 3ου Πανελληνίου Συνεδρίου Οδικής Ασφάλειας, Πανεπιστήμιο Πατρών - Σπουδαστήριο Τεχνικής Μεταφορών & Κυκλοφορίας Τμήματος Πολιτικών Μηχανικών, Σύλλογος Ελλήνων Συγκοινωνιολόγων, ΤΕΕ, Πάτρα, 1-12.

Μπάσμπας Σ., Μίντσης Γ., Ταξιλάρης Χ., Μίντσης Ε., 2005, Σχεδιασμός ολοκληρωμένου συστήματος παρακολούθησης και ελέγχου συμπεριφοράς

οδηγών, Πρακτικά 3ου Πανελληνίου Συνεδρίου Οδικής Ασφάλειας, Πανεπιστήμιο Πατρών - Σπουδαστήριο Τεχνικής Μεταφορών & Κυκλοφορίας Τμήματος Πολιτικών Μηχανικών, Σύλλογος Ελλήνων Συγκοινωνιολόγων, ΤΕΕ, Πάτρα, 1-12.

Μπάσμπας Σ., Μίντσης Γ., Φυλακτάκης Α., Σπάνδου Μ., Μίντσης Ε., 2005, Σχεδιασμός εκστρατείας ενημέρωσης και ευαισθητοποίησης των πολιτών σε ζητήματα οδικής ασφάλειας, Πρακτικά 3ου Πανελληνίου Συνεδρίου Οδικής Ασφάλειας, Πανεπιστήμιο Πατρών - Σπουδαστήριο Τεχνικής Μεταφορών & Κυκλοφορίας Τμήματος Πολιτικών Μηχανικών, Σύλλογος Ελλήνων Συγκοινωνιολόγων, ΤΕΕ, Πάτρα, 1-11.

Μπάσμπας Σ., Μίντσης Γ., Φυλακτάκης Α., Σπάνδου Μ., Μίντσης Ε., 2005, Σχεδιασμός εκστρατείας ενημέρωσης και ευαισθητοποίησης των πολιτών σε ζητήματα οδικής ασφάλειας, Πρακτικά 3ου Πανελληνίου Συνεδρίου Οδικής Ασφάλειας, Πανεπιστήμιο Πατρών - Σπουδαστήριο Τεχνικής Μεταφορών & Κυκλοφορίας Τμήματος Πολιτικών Μηχανικών, Σύλλογος Ελλήνων Συγκοινωνιολόγων, ΤΕΕ, Πάτρα, 1-11.

Ντεμογιάννη Σ., Μίντσης Γ., Ταξιλτάρης Χ., Μπάσμπας Σ., 2005, Μέθοδοι εκτίμησης του κόστους των οδικών τροχαίων ατυχημάτων, Πρακτικά 2ου Πανελληνίου Συνεδρίου Οδοποιίας, Τεχνικό Επιμελητήριο Ελλάδας, Βόλος, 1-12.

Ντεμογιάννη Σ., Μίντσης Γ., Ταξιλτάρης Χ., Μπάσμπας Σ., 2005, Μέθοδοι εκτίμησης του κόστους των οδικών τροχαίων ατυχημάτων, Πρακτικά 2ου Πανελληνίου Συνεδρίου Οδοποιίας, Τεχνικό Επιμελητήριο Ελλάδας, Βόλος, 1-12.

Ντεμογιάννη Σ., Μίντσης Γ., Ταξιλτάρης Χ., Μπάσμπας Σ., 2005, Μέθοδοι εκτίμησης του κόστους των οδικών τροχαίων ατυχημάτων, Πρακτικά 2ου Πανελληνίου Συνεδρίου Οδοποιίας, Τεχνικό Επιμελητήριο Ελλάδας, Βόλος, 1-12.

Παπαιωάννου Π., Κοκκάλης Α., Μπάσμπας Σ., 2005, Κυκλοφοριακές συνδέσεις περιαστικών οδικών δικτύων και παραβατικότητα οδηγών, Πρακτικά 3ου Πανελληνίου Συνεδρίου Οδικής Ασφάλειας, Πανεπιστήμιο Πατρών - Σπουδαστήριο Τεχνικής Μεταφορών & Κυκλοφορίας Τμήματος Πολιτικών Μηχανικών, Σύλλογος Ελλήνων Συγκοινωνιολόγων, ΤΕΕ, Πάτρα, 1-16.

Πρόιος Α., Μίντσης Γ., Ταξιλτάρης Χ., Μπάσμπας Σ., Πατώνης Φ., Φυλακτάκης Α., 2005, Το ζήτημα των υπέρβαρων εμπορικών οχημάτων στο ελληνικό εθνικό οδικό δίκτυο, Πρακτικά 2ου Πανελληνίου Συνεδρίου Οδοποιίας, Τεχνικό Επιμελητήριο Ελλάδας, Βόλος, 1-12.

Πρόιος Α., Μίντσης Γ., Ταξιλτάρης Χ., Μπάσμπας Σ., Πατώνης Φ., Φυλακτάκης Α., 2005, Το ζήτημα των υπέρβαρων εμπορικών οχημάτων στο ελληνικό εθνικό οδικό δίκτυο, Πρακτικά 2ου Πανελληνίου Συνεδρίου Οδοποιίας, Τεχνικό Επιμελητήριο Ελλάδας, Βόλος, 1-12.

Τμήμα Αγρονόμων Τοπογράφων Μηχανικών

Πρόιος Α., Μίντσης Γ., Ταξιλάρης Χ., Μπάσμπας Σ., Πατώνης Φ., Φυλακτάκης Α., 2005, Το ζήτημα των υπέρβαρων εμπορικών οχημάτων στο ελληνικό εθνικό οδικό δίκτυο, Πρακτικά 2ου Πανελληνίου Συνεδρίου Οδοποιίας, Τεχνικό Επιμελητήριο Ελλάδας, Βόλος, 1-12.

Ταξιλάρης Χ., Μίντσης Γ., Μπάσμπας Σ., Φυλακτάκης Α., Τσουκαλά Α., 2005, Ένταξη κυκλοφοριακής αγωγής στην υποχρεωτική εκπαίδευση στην Ελλάδα, Πρακτικά 3ου Πανελληνίου Συνεδρίου Οδικής Ασφάλειας, Πανεπιστήμιο Πατρών - Σπουδαστήριο Τεχνικής Μεταφορών & Κυκλοφορίας Τμήματος Πολιτικών Μηχανικών, Σύλλογος Ελλήνων Συγκοινωνιολόγων, ΤΕΕ, Πάτρα, 1-10.

Ταξιλάρης Χ., Μίντσης Γ., Μπάσμπας Σ., Φυλακτάκης Α., Τσουκαλά Α., 2005, Ένταξη κυκλοφοριακής αγωγής στην υποχρεωτική εκπαίδευση στην Ελλάδα, Πρακτικά 3ου Πανελληνίου Συνεδρίου Οδικής Ασφάλειας, Πανεπιστήμιο Πατρών - Σπουδαστήριο Τεχνικής Μεταφορών & Κυκλοφορίας Τμήματος Πολιτικών Μηχανικών, Σύλλογος Ελλήνων Συγκοινωνιολόγων, ΤΕΕ, Πάτρα, 1-10.

Ταξιλάρης Χ., Μίντσης Γ., Μπάσμπας Σ., Φυλακτάκης Α., Τσουκαλά Α., 2005, Ένταξη κυκλοφοριακής αγωγής στην υποχρεωτική εκπαίδευση στην Ελλάδα, Πρακτικά 3ου Πανελληνίου Συνεδρίου Οδικής Ασφάλειας, Πανεπιστήμιο Πατρών - Σπουδαστήριο Τεχνικής Μεταφορών & Κυκλοφορίας Τμήματος Πολιτικών Μηχανικών, Σύλλογος Ελλήνων Συγκοινωνιολόγων, ΤΕΕ, Πάτρα, 1-10.

Τσαβδάρου Χ., Καρνάβου Ε., Γριτζάς Γ., 2005, Η «ασυνέχεια» της απασχόλησης στη μητροπολιτική περιοχή της Θεσσαλονίκης, Πρακτικά συνεδρίου του Περιοδικού Γεωγραφίας: «Γεωγραφία της Μητρόπολης: όψεις του φαινομένου στον ελληνικό χώρο», Α.Π.Θ. Πολυτεχνική Σχολή, Οκτωβρίου 2005, Θεσσαλονίκη

2006

M.E.Contadakis, D.Arabelos, G.Asteriadis, Ch. Pikridas, S.Spatalas, M.Chatzinikos: Observational investigation of ionospheric turbulent spectral content in relation to geomagnetic field variations and local seismicity. EGU General Assembly, Vienna, Austria, 2-7 Aprile, 2006.

A. Fotiou, C. Pikridas, M. Chatzinikos 2006, Long distance GPS baseline solutions using various software and EPN data. Proceedings of FIG XXIII Congress and XXIX General Assembly, Munich, Germany, 8-13 October.

A. Fotiou, C. Pikridas, M. Chatzinikos 2006, Long distance GPS baseline solutions using various software and EPN data. Proceedings of FIG XXIII Congress and XXIX General Assembly, Munich, Germany, 8-13 October.

Arabelos, D. and C.C.Tscherning: On a strategy for the use of GOCE gradiometer data for the development of a geopotential model by LSC. Proc. The 3rd International GOCE User Workshop, ESA-ESRIN, Frascati, Italy, 6-8 November 2006 (ESA SP-627, January 2007), pp 69-75.

Arabelos, D. G. Asteriadis, A. Bloutsos, M. Contadakis and S.D. Spatalas, 2006, Correlation between seismicity and barometric tidal exalting. Presented at 3rd Annual Meeting of the Asia Oceania Geosciences Society, Singapore 10-14, July, 2006.

Arabelos, D. G. Asteriadis, A. Bloutsos, M. Contadakis and S.D. Spatalas: Correlation between seismicity and barometric tidal exalting. Presented at 3rd Annual Meeting of the Asia Oceania Geosciences Society, Singapore 10-14, July, 2006.

Arabelos, D. G. Asteriadis, A. Bloutsos, M. Contadakis and S.D. Spatalas: Correlation between seismicity and barometric tidal exalting. Presented at 3rd Annual Meeting of the Asia Oceania Geosciences Society, Singapore 10-14, July, 2006.

Basbas S., 2006, Evaluation of bus transfer stations from the passenger's point of view, Proceedings of the 12th International Conference: Urban Transport and the Environment in the 21st Century – Urban Transport XII”, Wessex Institute of Technology, International Series: WIT Transactions on The Built Environment, Vol 89, Ed. Brebbia C.A., Dolezel V., Prague, 73-82.

Basbas S., The impact of e-commerce on transport, 2006, Proceedings of the 2nd International Conference: The Internet Society - Advances in Education, Commerce & Governance: Technology's Impact on Individuals, Culture and Society 2006, Wessex Institute of Technology, WIT Transactions on Information and Communication Technologies, Vol. 36, Ed. Morgan K., Brebbia C.A., Spector J.M., The New Forest, England, 353-361.

Chalkidis I., Tzimopoulos C., Evangelides C., Yannopoulos S., 2006, Water resources management of an aquifer with fuzzy linear programming., 6th WSEAS Int. Conference on Simulation, Modelling, and Optimization., Lisbon., Portugal., 517- 616

Denker H., Barriot J.-P., Barzaghi R., Forsberg R., Ihde J., Kenyeres A., Marti U., Tziavos I.N., 2006, The European Gravity and Geoid Project EGGP. Accepted for publication in the Proceedings of the 1st International Symposium of the International Gravity Field Service “Gravity Field of the Earth”, August 28 – September 1, 2006, Istanbul.

Dermanis A., Kotsakis C., 2006, Estimating crustal deformation parameters from geodetic data: Review of existing methodologies, open problems and new challenges. Proceedings of the IAG International Symposium on Geodetic Deformation Monitoring: From Geophysical to Engineering Roles, Jaen, Spain, March 17-19, 2005. In: IAG Symposia Series (F. Sanso and A.J. Gil, eds.), Springer-Verlag, Berlin Heidelberg, vol. 131, pp. 7-18. (Invited Paper)

Economou S. and Guitonas A., «The contribution of local authorities in an EIA process: the case of the Municipal Council of Amfipolis of Serres Prefecture», Διεθνές Συνέδριο με τίτλο Protection and Restoration of the Environment VIII,

3-7 Ιουλίου 2006, Χανιά (διαθέσιμη στα Πρακτικά του Συνεδρίου σε ηλεκτρονική μορφή).

Evangelidis K., Basbas S., Papaioannou P., 2006, A GIS web-based traffic accident information system, Proceedings of the 2nd International Conference: The Internet Society - Advances in Education, Commerce & Governance: Technology's Impact on Individuals, Culture and Society 2006, Wessex Institute of Technology, WIT Transactions on Information and Communication Technologies, Vol. 36, Ed.Morgan K., Brebbia C.A., Spector J.M., The New Forest, England, 363-372.

M. Contadakis, S. Avgoloupis, J. Seiradakis, 2006, High-frequency optical oscillation during the flare phase of the red dwarf EV Lac, Proceedings, Joint European and National Astronomical Meeting (JENAM), Granada 2004, 1-8.

M.E.Contadakis, D.Arabelos, G.Asteriadis, C. Pikridas, S.Spatalas, M.Chatzinikos 2006. "Observational investigation of ionospheric turbulent spectral content in relation to geomagnetic field variations and local seismicity." Geophysical Research Abstracts vol. 8, General Assembly of EGU (European Geosciences Union), Vienna, Austria, 2 – 7.04.06.

M.E.Contadakis, D.Arabelos, G.Asteriadis, Ch. EGU General Assembly, Vienna, Austria, 2-7 Aprile, 2006. Pikridas, S.Spatalas, M.Chatzinikos: Observational investigation of ionospheric turbulent spectral content in relation to geomagnetic field variations and local seismicity.

Mintsis G., Taxiltaris C., Basbas S., Varaki S., 2006, Analysis of current supply of logistic services and facilities at nodal points of the Pan European Corridors X, V and the Adriatic Corridor: the IMONODE experience, Proceedings of the 3rd International Congress: Transportation Research in Greece, Institute of Transport, Hellenic Institute of Transportation Engineers, Thessaloniki, 331-339.

Mintsis G., Taxiltaris C., Basbas S., Varaki S., 2006, Analysis of current supply of logistic services and facilities at nodal points of the Pan European Corridors X, V and the Adriatic Corridor: the IMONODE experience, Proceedings of the 3rd International Congress: Transportation Research in Greece, Institute of Transport, Hellenic Institute of Transportation Engineers, Thessaloniki, 331-339.

Mintsis G., Taxiltaris C., Basbas S., Varaki S., 2006, Analysis of current supply of logistic services and facilities at nodal points of the Pan European Corridors X, V and the Adriatic Corridor: the IMONODE experience, Proceedings of the 3rd International Congress: Transportation Research in Greece, Institute of Transport, Hellenic Institute of Transportation Engineers, Thessaloniki, 331-339.

Müller A., Bürki B., Limpach P., Kahle H.-G., Grigoriadis V.N., Vergos G.S., Tziavos I.N., 2006, Validation of marine geoid models in the North Aegean Sea using satellite altimetry, marine GPS data and astrogeodetic measurements. Proceedings of the 1st International Symposium of the

International Gravity Field Service "Gravity Field of the Earth", August 28 – September 1, 2006, Istanbul, A. Kilikoglu and R. Forsberg, pp. 90-95.

N. Hatjidakis, I. Michailidis, G. Nakas, C. Pikridas, D. Rossikopoulos and L. Sakkos 2006, Statistical analysis and displacement determination using different GPS sessions. An application on Dam of Thesarus, Proceedings of 3rd IAG Symposium on Geodesy for Geotechnical and Structural Engineering and 12th FIG Symposium on Deformation Measurements. Baden, Austria, 22-24.05.06.

Nikolaos Karanikolas, Pery Lafazani, Myron Myridis, Dimitrios Ramnalis (2006): «Thessalonica by night. A digital cartographic tour.» International Conference on Cartography and GIS (Borovets, Bulgaria, 2006).

Nikolaos Karanikolas, Pery Lafazani, Myron Myridis, Dimitrios Ramnalis (2006): «Thes-salonica by night. A digital cartographic tour.» International Conference on Car-to-gra-phy and GIS (Borovets, Bulgaria, 2006).

Nikolaou K., Basbas S., 2006, Urban noise levels based on traffic modeling and monitoring, Proc. of the International Conference: Protection and Restoration of the Environment VIII, Technical University of Crete - Department of Environmental Engineering, Stevens Institute of Technology - Center for Environmental Systems, Chania, 1-8.

Nikolopoulos, D., Tsioukas, V., Sechidis, L., Koidis, P., Patias, P., (2006), 4D photogrammetric recording of soft and hard tissues of the lower part of face for decision making in dental treatment planning, Proceedings of the ISPRS Com. V Symposium, Dresden, Germany, The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences, Vol. XXXVI, Part 5, ISSN 1682-1750, pp. Symposium CD

Patias, P., Stylianidis, E., Pateraki, M., Chrysanthou, G., Contozis, C., Zavitsanakis, Th., (2006), 3D digital photogrammetric reconstructions for scoliosis screening, Proceedings of the ISPRS Com. V Symposium, Dresden, Germany, The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences, Vol. XXXVI, Part 5, ISSN 1682-1750, Symposium CD

Pitsiava – Latinopoulou M., Basbas S., Zacharaki E., 2006, Technological and Development Prospects in the Transport Sector in Central Macedonia Region, 9th International Conference on Technology Policy and Innovation "Science, Society and Sustainability", Santorini, 1-14.

Pitsiava-Latinopoulou P., Basbas S., Christopoulou P., 2006, Sustainable Transport Systems: Trends and Policies, Proceedings of the 12th International Conference: Urban Transport and the Environment in the 21st Century – Urban Transport XII", Wessex Institute of Technology, International Series: WIT Transactions on The Built Environment, Vol 89, Ed. Brebbia C.A., Dolezel V., Prague, 13-22.

Τμήμα Αγρονόμων Τοπογράφων Μηχανικών

S. Katsougiannopoulos, C. Pikridas, D. Rossikopoulos, I. M. Ifadis, A. Fotiou 2006, Tropospheric refraction estimation using various models, radiosonde measurements and permanent GPS data, Proceedings of FIG XXIII Congress and XXIX General Assembly, Munich, Germany, 8-13.10.06.

S. Katsougiannopoulos, C. Pikridas, D. Rossikopoulos, I. M. Ifadis, A. Fotiou 2006, Tropospheric refraction estimation using various models, radiosonde measurements and permanent GPS data, Proceedings of FIG XXIII Congress and XXIX General Assembly, Munich, Germany, 8-13.10.06.

Taxiltaris C., Mintsis G., Basbas S., 2006, Planification des transports à Thessalonique : empirisme et rationalisme, Actes du 13e Congrès International Francophone: Continuité, interopérabilité et qualité des réseaux et services de transports - Satisfaire les attentes des usagers, Association pour le Développement des Techniques de Transport, d'Environnement et de Circulation (ATEC), Paris, 1-14.

Taxiltaris C., Mintsis G., Basbas S., 2006, Planification des transports à Thessalonique : empirisme et rationalisme, Actes du 13e Congrès International Francophone: Continuité, interopérabilité et qualité des réseaux et services de transports - Satisfaire les attentes des usagers, Association pour le Développement des Techniques de Transport, d'Environnement et de Circulation (ATEC), Paris, 1-14.

Taxiltaris C., Mintsis G., Basbas S., 2006, Planification des transports à Thessalonique : empirisme et rationalisme, Actes du 13e Congrès International Francophone: Continuité, interopérabilité et qualité des réseaux et services de transports - Satisfaire les attentes des usagers, Association pour le Développement des Techniques de Transport, d'Environnement et de Circulation (ATEC), Paris, 1-14.

Tscherning, C.C., M. Veicherts, D. Arabelos: Calibration of GOCE gravity gradient data using smooth ground gravity. Proceedings of the Workshop GOCINA: Improving modelling of ocean transport and climate prediction in the North Atlantic region using GOCE gravimetry. Edited by P. Knudsen, J. Johannessen, T. Gruber, S. Stammer and T. van Dam, Vol. 25, pp. 63-67, 2006.

Tsoulis D., Grigoriadis V.N., Tziavos I.N., 2006, Evaluation of the CRUST 2.0 global database for the Hellenic area in view of regional gravity field modelling. Accepted for publication in the Proceedings of the 1st International Symposium of the International Gravity Field Service "Gravity Field of the Earth", August 28 – September 1, 2006, Istanbul.

Vergos G.S., Tziavos I.N., 2006, Determination of the quasi-stationary sea surface topography from a common adjustment of a geodetic and an oceanographic model. Proceedings of the 1st International Symposium of the International Gravity Field Service "Gravity Field of the Earth", August 28 – September 1, 2006, Istanbul, A. Kilikoglu and R. Forsberg, pp. 235-241.

Yannopoulos S., Basbas S., Giannopoulou I., 2006, Management of Water Bodies Pollution due to the Interurban Roads Stormwater Runoff, Proceedings of the 3rd Symposium: Industrial and Environmental Case Studies, International Conference of Computational Methods in Sciences and Engineering 2006, ICCMSE 2006, Ed. Simos T., Maroulis G., Lectures Series on Computer and Computational Sciences (Editor-in-Chief and Founder: Simos T.), Vol.7A, Chania, 617-623.

Yannopoulos S., Petsalis N., Basbas S., 2006, Non-structural best management measures use for management of water bodies pollution due to stormwater runoff of interurban roads, Proceedings of the International Conference: Protection and Restoration of the Environment VIII, Chania, Technical University of Crete - Department of Environmental Engineering, Stevens Institute of Technology - Center for Environmental Systems, Chania, 1-8.

Α. Παπαδοπούλου, Ε. Οικονόμου & Αθ. Γείτονας, «Διαχείριση διακρατικών υδατικών πόρων: η διεθνής εμπειρία και η Οδηγία 2000/60/ΕΚ», 10ο Πανελλήνιο Επιστημονικό Συνέδριο Ελληνικής Υδροτεχνικής Ένωσης με τίτλο Διαχείριση Υδατικών Πόρων και Προστασία Περιβάλλοντος – Σύγχρονες Θεωρήσεις, προβλήματα και προοπτικές, 13-16 Δεκεμβρίου 2006, Ξάνθη (δημοσιευμένη στα πρακτικά του Επιστημονικού Συνεδρίου με τίτλο «Διαχείριση Υδατικών Πόρων και Προστασία Περιβάλλοντος – Σύγχρονες Θεωρήσεις», τομ.Α΄, σ.257-264, εκδ. Σπανίδη).

Άγα Ε., Καρανικόλας Ν., Λαφαζάνη Π., Μυρίδης Μ., Ράμναλης Δ., (2006): «Τα ευ-ρω-πα-ϊκά δίκτυα πολιτισμού.» Πρακτικά του 9ου Εθνικού Συνεδρίου Χαρτογραφίας που διοργάνωσε η Χ.Ε.Ε.Ε. με τίτλο “Η Χαρτογραφία των Δικτύων - Χαρτογραφία μέσω Δικτύων” (υπό έκδοση), Χανιά, 2-4 Νοεμβρίου 2006.

Άγα Ε., Καρανικόλας Ν., Λαφαζάνη Π., Μυρίδης Μ., Ράμναλης Δ., (2006): «Τα ευ-ρω-πα-ϊκά δίκτυα πολιτισμού.» Πρακτικά του 9ου Εθνικού Συνεδρίου Χαρτογραφίας που διοργάνωσε η Χ.Ε.Ε.Ε. με τίτλο “Η Χαρτογραφία των Δικτύων - Χαρτογραφία μέσω Δικτύων” (υπό έκδοση), Χανιά, 2-4 Νοεμβρίου 2006.

Άγα Ε., Καρανικόλας Ν., Λαφαζάνη Π., Μυρίδης Μ., Στάμου Λ., (2006): «Τα κέντρα του νεοελληνικού διαφωτισμού. Μια προσπάθεια χαρτογραφικής αναπαράστασης της γεωγραφίας τους.» Πρακτικά του 9ου Εθνικού Συνεδρίου Χαρτογραφίας που διοργάνωσε η Χ.Ε.Ε.Ε. με τίτλο “Η Χαρτογραφία των Δικτύων - Χαρτογραφία μέσω Δικτύων” (υπό έκδοση), Χανιά, 2-4 Νοεμβρίου 2006.

Άγα Ε., Καρανικόλας Ν., Λαφαζάνη Π., Μυρίδης Μ., Στάμου Λ., (2006): «Τα κέντρα του νεοελληνικού διαφωτισμού. Μια προσπάθεια χαρτογραφικής αναπαράστασης της γε-ω-γραφίας τους.» Πρακτικά του 9ου Εθνικού Συνεδρίου Χαρτογραφίας που διοργάνωσε η Χ.Ε.Ε.Ε. με τίτλο “Η Χαρτογραφία των Δικτύων - Χαρτογραφία μέσω Δικτύων” (υπό έκδοση), Χανιά, 2-4 Νοεμβρίου 2006.

Άγα Ε., Καρανικόλας Ν., Λαφαζάνη Π., Στάμου Λ., (2006): «Το δίκτυο των α-να-κτό-ρων, ε-παύλεων και οικισμών της Μινωικής Κρήτης. Χωρική οργάνωση και χαρτογραφική α-πόδοση.» Πρακτικά του 9ου Εθνικού Συνεδρίου Χαρτογραφίας που διοργάνωσε η Χ.Ε.Ε.Ε. με τίτλο “Η Χαρτογραφία των Δικτύων - Χαρτογραφία μέσω Δικτύων” (υπό έκ-δο-ση), Χανιά, 2-4 Νοεμβρίου 2006.

Ανδριανός Θ., Μίντσης Γ., Μπάσμπας Σ., Ταξιλάρης Χ., Σκεπαστίδου Α., Τσιμπερίδου Κ., 2006, Οι έρευνες ερωτηματολογίου ως εργαλείο αξιολόγησης της ποιότητας των προσφερόμενων υπηρεσιών των δημοσίων αστικών συγκοινωνιών, Proceedings of the 3rd International Congress: Transportation Research in Greece, Institute of Transport, Hellenic Institute of Transportation Engineers, Thessaloniki, 284-292.

Ανδριανός Θ., Μίντσης Γ., Μπάσμπας Σ., Ταξιλάρης Χ., Σκεπαστίδου Α., Τσιμπερίδου Κ., 2006, Οι έρευνες ερωτηματολογίου ως εργαλείο αξιολόγησης της ποιότητας των προσφερόμενων υπηρεσιών των δημοσίων αστικών συγκοινωνιών, Proceedings of the 3rd International Congress: Transportation Research in Greece, Institute of Transport, Hellenic Institute of Transportation Engineers, Thessaloniki, 284-292.

Ανδριανός Θ., Μίντσης Γ., Μπάσμπας Σ., Ταξιλάρης Χ., Σκεπαστίδου Α., Τσιμπερίδου Κ., 2006, Οι έρευνες ερωτηματολογίου ως εργαλείο αξιολόγησης της ποιότητας των προσφερόμενων υπηρεσιών των δημοσίων αστικών συγκοινωνιών, Proceedings of the 3rd International Congress: Transportation Research in Greece, Institute of Transport, Hellenic Institute of Transportation Engineers, Thessaloniki, 284-292.

Γιαννόπουλος Σ., Γιαννοπούλου Ι., Μπάσμπας Σ., Πέτσαλης Ν., 2006, Περιβαλλοντικές επιπτώσεις και βέλτιστη διαχείριση των απορροών ομβρίων των υπεραστικών οδών, Πρακτικά 10ου Πανελληνίου Συνεδρίου: Διαχείριση Υδατικών Πόρων και Προστασία Περιβάλλοντος - Σύγχρονες Θεωρήσεις, Προβλήματα και Προοπτικές, Ελληνική Υδροτεχνική Ένωση (Ε.Υ.Ε.), Τμήμα Πολιτικών Μηχανικών Δ.Π.Θ., Τμήμα Μηχανικών Περιβάλλοντος Δ.Π.Θ., συνδιοργάνωση: Υπουργείο Αγροτικής Ανάπτυξης και Τροφίμων, Επιμέλεια έκδοσης: Αγγελίδης Π., Κωτσοβίνος Ν., Ξάνθη, 323-330.

Καρανικόλας Ν., Λαφαζάνη Π., Μυρίδης Μ., Ράμναλης Δ., (2006): «Η γεωπολιτική δι-κτύ-ωση του χώρου την περίοδο του «Ψυχρού Πολέμου.» Πρακτικά 9ου Εθνικού Συ-νε-δρί-ου Χαρτογραφίας που διοργάνωσε η Χ.Ε.Ε.Ε. με τίτλο “Η Χαρτογραφία των Δι-κτύ-ων – Χαρ-το-γραφία μέσω Δικτύων” (υπό έκδοση), Χανιά, 2-4 Νοεμβρίου 2006.

Καρανικόλας Ν., Λαφαζάνη Π., Μυρίδης Μ., Ράμναλης Δ., (2006): «Η γεωπολιτική δικτύωση του χώρου την περίοδο του «Ψυχρού Πολέμου.» Πρακτικά 9ου Εθνικού Συνεδρίου Χαρτογραφίας που διοργάνωσε η Χ.Ε.Ε.Ε. με τίτλο “Η Χαρτογραφία των Δι-κτύ-ων - Χαρτογραφία μέσω Δικτύων” (υπό έκδοση), Χανιά, 2-4 Νοεμβρίου 2006.

Καρανικόλας Ν., Λαφαζάνη Π., Μυρίδης Μ., Ράμναλης Δ., (2006): «Η Χαρτογραφική Προσέγγιση της Δικτυακής Οργάνωσης του Ευρωπαϊκού

Συστήματος Μεταφορών, Επικοινωνιών & Ενέργειας. Πολυκεντρικότητα ή Χωρικός Αποκλεισμός.» Πρακτικά του 9ου Εθνικού Συνεδρίου Χαρτογραφίας που διοργάνωσε η Χ.Ε.Ε.Ε. με τίτλο “Η Χαρ-το-γραφία των Δικτύων - Χαρτογραφία μέσω Δικτύων” (υπό έκδοση), Χανιά, 2-4 Νοεμβρίου 2006.

Καρανικόλας Ν., Λαφαζάνη Π., Μυρίδης Μ., Ράμναλης Δ., (2006): «Η Χαρτογραφική Προ-σέγγιση της Δικτυακής Οργάνωσης του Ευρωπαϊκού Συστήματος Μεταφορών, Ε-πι-κοι-νω-νιών & Ενέργειας. Πολυκεντρικότητα ή Χωρικός Αποκλεισμός.» Πρακτικά του 9ου Ε-θνικού Συνεδρίου Χαρτογραφίας που διοργάνωσε η Χ.Ε.Ε.Ε. με τίτλο “Η Χαρ-το-γραφία των Δικτύων - Χαρτογραφία μέσω Δικτύων” (υπό έκδοση), Χανιά, 2-4 Νοεμβρίου 2006.

Καρανικόλας Ν., Λαφαζάνη Π., Μυρίδης Μ., Ράμναλης Δ., (2006): «Σύγχρονοι Θε-μα-τι-κοί Ηλεκτρονικοί Άτλαντες.» 2ο Πανελλήνιο Συνέδριο Αγρονόμων και Το-πο-γρά-φων Μη-χα-νικών με τίτλο «Οι σύγχρονες διαστάσεις των μετρητικών επιστημών και η συμβολή τους στην απεικόνιση, την παρακολούθηση και το σχεδιασμό του χώρου.», Αθήνα, 8-9 Δε-κεμβρίου 2006

Καρανικόλας Ν., Λαφαζάνη Π., Μυρίδης Μ., Ράμναλης Δ., (2006): «Σύγχρονοι Θε-μα-τι-κοί Ηλεκτρονικοί Άτλαντες.» 2ο Πανελλήνιο Συνέδριο Αγρονόμων και Το-πο-γρά-φων Μη-χα-νικών με τίτλο «Οι σύγχρονες διαστάσεις των μετρητικών επιστημών και η συμβολή τους στην απεικόνιση, την παρακολούθηση και το σχεδιασμό του χώρου.», Αθήνα, 8-9 Δε-κεμβρίου 2006

Καρανικόλας Ν., Λαφαζάνη Π., Στάμου Λ., (2006): «Το δίκτυο των αποικιών και οι εμ-πο-ρικές σχέσεις των Μινωϊτών. Μια χαρτογραφική προσέγγιση.» Πρακτικά του 9ου Ε-θνι-κού Συνεδρίου Χαρτογραφίας που διοργάνωσε η Χ.Ε.Ε.Ε. με τίτλο “Η Χαρτογραφία των Δι-κτύων - Χαρτογραφία μέσω Δικτύων” (υπό έκ-δο-ση), Χανιά, 2-4 Νοεμβρίου 2006.

Λαφαζάνη Π., (2006): «Το οικιστικό δίκτυο της Κρήτης στον χώρο και τον χρόνο.» Πρα-κτικά του 9ου Ε-θνι-κού Συνεδρίου Χαρτογραφίας που διοργάνωσε η Χ.Ε.Ε.Ε. με τίτλο “Η Χαρτογραφία των Δι-κτύων - Χαρτογραφία μέσω Δικτύων” (υπό έκ-δο-ση), Χανιά, 2-4 Νο-εμβρίου 2006.

Πιτσιάβα – Λατινοπούλου Μ., Μπάσμπας Σ., Ανδριανός Θ., 2006, Διερεύνηση συστημάτων ελέγχου της παραβατικότητας στις λωρίδες αποκλειστικής κίνησης λεωφορείων, Proceedings of the 3rd International Congress: Transportation Research in Greece, Institute of Transport, Hellenic Institute of Transportation Engineers, Thessaloniki, 242-251.

Πιτσιάβα – Λατινοπούλου Μ., Μπάσμπας Σ., Ζαχαράκη Ε., 2006, Ένα σενάριο για τις μεταφορές στη Θεσσαλονίκη το 2020, Proceedings of the 3rd International Congress: Transportation Research in Greece, Institute of Transport, Hellenic Institute of Transportation Engineers, Thessaloniki, 595-605.

Τζιμοπουλος. Χ., Γιαννακοπούλου Ε., Ευαγγελίδης Χ.,(2006), Συγκριτική εκτιμηση υδατικού ισοζυγίου της υδρολογικής λεκάνης Στρυμόνα 10ο

Τμήμα Αγρονόμων Τοπογράφων Μηχανικών

Πανελλήνιο Συνέδριο της Ελληνικής Υδροτεχνικής Ένωσης (ΕΥΕ), 13-16 Δεκεμβρίου , Ξάνθη, σελ. 159 – 166.

Χονδρογιάννης Σ., Χ., Τζιμοπουλος. Χ., Ευαγγελίδης Χ., 2006, Εφαρμογή μιας απλοποιημένης μη γραμμικής μεθόδου βελτιστοποίησης του κόστους ενός αρδευτικού δικτύου υπό πίεση., 10ο Πανελλήνιο Συνέδριο της Ελληνικής Υδροτεχνικής Ένωσης (ΕΥΕ), Ξάνθη, 801 – 807.

Βιβλία

2002

Dermanis, A. & L. Biaggi (2002): Telerilevamento. Informazione territoriale mediante immagini da satellite. Con CD-ROM. Casa Editrice Ambrosiana, Milano.

Αραμπέλος Δ.Ν., 2002, Εισαγωγή στη Θεωρία του Δυναμικού. Εκδόσεις Ζήτη, Θεσσαλονίκη, 266.

Καρνάβου Ε., 2002, Υποδομή χωρικών δεδομένων και Γεωγραφικά Συστήματα Πληροφοριών για την σύγχρονη Ελλάδα, Παρατηρητής, Θεσσαλονίκη, 244

2003

Γείτονας Αθ., 2003, Διαχείριση και Επεξεργασία Στερεών Αποβλήτων, Πανεπιστημιακές Εκδόσεις Α.Π.Θ.

2005

Δερμάνης, Α. (2005): Συντεταγμένες και Συστήματα Αναφοράς. Εκδόσεις Ζήτη, Θεσσαλονίκη, σελ.

Μίντσης Γ., Ταξιλάρης Χ., Μπάσμπας Σ., Τσουκαλά Α., Φυλακτάκης Α., Γεωργιάδης Μ., Οδηγός Εκπαίδευσης Κυκλοφοριακής Αγωγής, Βιβλίο. 2005, Υπουργείο Μεταφορών και Επικοινωνιών, Επιμέλεια Έκδοσης : Red Creative, Σχεδιασμός : Νάστα Ε., Φιλοξενίδου Φ., Εικονογράφηση: Ραδόγλου Θ.

Μίντσης Γ., Ταξιλάρης Χ., Μπάσμπας Σ., Τσουκαλά Α., Φυλακτάκης Α., Γεωργιάδης Μ., Οδηγός Εκπαίδευσης Κυκλοφοριακής Αγωγής, Βιβλίο. 2005, Υπουργείο Μεταφορών και Επικοινωνιών, Επιμέλεια Έκδοσης : Red Creative, Σχεδιασμός : Νάστα Ε., Φιλοξενίδου Φ., Εικονογράφηση: Ραδόγλου Θ.

Μίντσης Γ., Ταξιλάρης Χ., Μπάσμπας Σ., Τσουκαλά Α., Φυλακτάκης Α., Γεωργιάδης Μ., Οδηγός Εκπαίδευσης Κυκλοφοριακής Αγωγής, Βιβλίο. 2005, Υπουργείο Μεταφορών και Επικοινωνιών, Επιμέλεια Έκδοσης : Red Creative, Σχεδιασμός : Νάστα Ε., Φιλοξενίδου Φ., Εικονογράφηση: Ραδόγλου Θ.

Τσούλης Δ (2005) Εισαγωγή στην Τοπογραφία, Εκδόσεις Ζήτη, Θεσσαλονίκη, 400 σελ

2006

Α. Φωτίου και Χ. Πικριδάς, 2006. GPS και Γεωδαιτικές Εφαρμογές. Εκδόσεις Ζήτη, Θεσσαλονίκη, σελ. 320.

Α Φωτίου – Χ. Πικριδάς., 2006, GPS και Γεωδαιτικές Εφαρμογές, Ζήτη, Θεσσαλονίκη, 320.

Άρθρα σε βιβλία

2003

Arabelos, D.N., Asteriadis, G., Bloutsos, A., Contadakis, M.E., Kaltsikis, M.E., Spatalas, S.D., 2003, Atmospheric tides in the area of Thessaloniki-North Greece. A twenty-seven years data analysis., From Stars to Earth and Culture, Volume dedicated in honour of the memory of Professor A. Tsioumis. A. Dermanis Ed., Publishing Ziti, Thessaloniki

Arabelos, D.N., Asteriadis, G., Bloutsos, A., Contadakis, M.E., Kaltsikis, M.E., Spatalas, S.D.: Atmospheric tides in the area of Thessaloniki-North Greece. A twenty-seven years data analysis. 2003, From Stars to Earth and Culture, Volume dedicated in honour of the memory of Professor A. Tsioumis. A. Dermanis Ed., Publishing Ziti, Thessaloniki

Arabelos, D.N., Asteriadis, G., Bloutsos, A., Contadakis, M.E., Kaltsikis, M.E., Spatalas, S.D.: Atmospheric tides in the area of Thessaloniki-North Greece. A twenty-seven years data analysis. From Stars to Earth and Culture, Volume dedicated in honour of the memory of Professor A. Tsioumis. A. Dermanis Ed., Publishing Ziti, pp 201-207, Thessaloniki 2003.

Dermanis, A. (2003): On the maintenance of a proper reference frame for VLBI and GPS global networks. In: E. Grafarend, F.W. Krumm, V.S. Volker (Eds.), 2003: Geodesy - the Challenge of the 3rd Millennium, pp. 61-68, Springer Verlag, Berlin.

Dermanis, A. (2003): Some remarks on the description of earth rotation according to the IAU 2000 resolutions. From Stars to Earth and Culture. In honor of the memory of Professor Alexandros Tsioumis, pp. 280-291. School of Rural & Surveying Engineering, The Aristotle University of Thessaloniki.

G.Asteriadis, M.E.Contadakis and Luis Alberto Briceno, 2003, Research for Hydrologic Preseismic Phenomena in Greece, στον τιμητικο Τομο "Αφιέρωμα στην Μνήμη του Καθηγητή Ανθιμου Μπαντέλλα", υπο Π. Σαββαΐδη, Ι.Υφαντή, Ι. Δούκα και Ν. Πετρίδου-Χρυσοχοΐδου, Εκδόσεις Α/φων Κυριακίδη.

Katsampalos K., Tokmakidis K., Vlachos D., «Polemon, Daedalus and Integration of National Monument Inventories», Τιμητικός τόμος στη μνήμη του καθ. κ. Α. Μπαντέλα 2003

M.E. Contadakis, S. Avgoloupis, J. Seiradakis, B.E. Zhilyaev, Ya. O. Romanyuk, I.A. Verlyuk, O.A. Svyatogorov, R.E. Gershberg, M.N. Lovkaya, A.V. Sergeev, R.K. Konstantinova-Antova, A.P. Antov, I.Y. Alekseev, D.N. Shakhovskoy, 2003, Detection of high-frequency optical oscillations during the flare phase of EV Lac, From stars to Earth and Culture, In honor of the memory of Professor Alexandros Tsioumis, (ed. A. Dermanis), 273-279.

Μίντσης Γ., Μπάσμπας Σ., Ταξιλάρης Χ., 2003, Η Συμβολή της Τεχνολογίας των Προσομοιωτών Οδήγησης στην Οδική Ασφάλεια, Τιμητικός Τόμος Καθηγητή Αλέξανδρου Τσιούμη "Από τα άστρα στη γη και τον πολιτισμό",

Τμήμα Αγρονόμων Τοπογράφων Μηχανικών

Τμήμα Αγρονόμων και Τοπογράφων Μηχανικών, Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης, Επιμέλεια έκδοσης: Δερμάνης Α., 45-49.

Μίντσης Γ., Μπάσμπας Σ., Ταξιλάρης Χ., 2003, Η Συμβολή της Τεχνολογίας των Προσομοιωτών Οδήγησης στην Οδική Ασφάλεια, Τιμητικός Τόμος Καθηγητή Αλέξανδρου Τσιούμη “Από τα άστρα στη γη και τον πολιτισμό”, Τμήμα Αγρονόμων και Τοπογράφων Μηχανικών, Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης, Επιμέλεια έκδοσης: Δερμάνης Α., 45-49.

Μίντσης Γ., Μπάσμπας Σ., Ταξιλάρης Χ., 2003, Η Συμβολή της Τεχνολογίας των Προσομοιωτών Οδήγησης στην Οδική Ασφάλεια, Τιμητικός Τόμος Καθηγητή Αλέξανδρου Τσιούμη “Από τα άστρα στη γη και τον πολιτισμό”, Τμήμα Αγρονόμων και Τοπογράφων Μηχανικών, Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης, Επιμέλεια έκδοσης: Δερμάνης Α., 45-49.

Patias, P., (2003), Documentation and Visualization of the historical center of Thessaloniki, Volume in Memory of Prof. A. Mpantelas, P. Savvaidis, ed., Thessaloniki, pp. 465-481

Patias, P., (2003), Information in a culture alert society: Can Photogrammetry measure the visual perception of works of art?, IAPRS&SIS, Vol. XXXIV, Part 5/W12, Com V, Ancona, Italy, pp. iv-xiii., appears also in: From Stars to Earth and Culture, Volume in Memory of Prof. A. Tsioumis, A. Dermanis, ed., Thessaloniki, pp. 220-231.

Tokmakidis K., Tziavos I.N., Mintsis G., Taxiltaris C., Basbas S., «The Use of GPS Technology and its Applications to the Greek Road and Railway Network». Τιμητικός τόμος στη μνήμη του καθ. κ. Α. Μπαντέλα 2003

Τοκμακίδης Κ., Βλάχος Δ., «Συμβολή των ΓΣΠ στην ανάδειξη αρχαιολογικών χώρων», Τιμητικός τόμος στη μνήμη του καθ. κ. Α. Μπαντέλα 2003

2004

Patias, P. (2004), Overview of applications of close-range Photogrammetry and Vision techniques in Architecture and Archaeology, C. McGlone (ed), Manual of Photogrammetry, 5th edition, isbn 1-57083-071-1, American Society of Photogrammetry Publ., Maryland, USA, chapter 14.5, pp 1044-1050.

Tokmakidis K., «Measuring Archaeological Sites». Τιμητικός τόμος στη μνήμη του καθ. Α. Τσιούμη, 2004

2005

Basbas S., Mintsis G., Taxiltaris C., 2005, Development of an integrated transportation system in Thessaloniki: current situation and future prospects, Chapter 8, In: «Advances in City Transport: Case Studies», Ed. Basbas S., WIT Press, Southampton, Boston, 159-193.

Basbas S., Mintsis G., Taxiltaris C., 2005, Development of an integrated transportation system in Thessaloniki: current situation and future prospects,

Chapter 8, In: «Advances in City Transport: Case Studies», Ed. Basbas S., WIT Press, Southampton, Boston, 159-193.

Basbas S., Mintsis G., Taxiltaris C., 2005, Development of an integrated transportation system in Thessaloniki: current situation and future prospects, Chapter 8, In: «Advances in City Transport: Case Studies», Ed. Basbas S., WIT Press, Southampton, Boston, 159-193.

Patias, P., Sechidis, L., (2005), On enhancing stereoscopic visualization with database retrieval, Proceedings of the International Workshop on Recording, Modeling and Visualization of Cultural Heritage, May 22-27, Centro Stefano Franscini, Monte Verità, Ascona, Switzerland, pp. 385-394

2006

M. Contadakis, S. Avgoloupis, J. Seiradakis, 2006, Further Investigation of the High-Frequency Optical Oscillation during the Flare Phase of the Red Dwarf EV LAC,, Recent Advances in Astronomy and Astrophysics, 7th International Conference of the Hellenic Astronomical Society, AIP Conference Proceedings (ed. N. Solomos), Vol. 848, 324-332.

Patias, P., Sylaiou, S., Sechidis, L., Grussenmeyer, P., Meyer, E., Landes, T., Alby, E., (2006), A proposed low-cost system for 3D archaeological documentation, Proceedings of the 7th International Symposium on Virtual Reality, Archaeology and Cultural Heritage VAST (2006), Nicosia, Cyprus, M. Ioannides, D. Arnold, F. Niccolucci, K. Mania (Editors), The Eurographics Association, pp. 145-149

Stylianidis, E., P. Patias, (2006), Quick and accurate digital recording of archaeological findings using Photogrammetry and laser scanning, Proceedings of the 7th International Symposium on Virtual Reality, Archaeology and Cultural Heritage VAST (2006), Nicosia, Cyprus, M. Ioannides, D. Arnold, F. Niccolucci, K. Mania (Editors), The Eurographics Association, pp. 307-310

Εκδοση πρακτικών συνεδρίων

2001

Contadakis, M.E., Biagi, P.F, 2001, Proceedings of the Symposium NH9, Seismic Hazard evaluation, precursory phenomena and reliability of prediction held in the frame of XXV General Assembly of the EGS, 24-28 April, 2000, Nice, France, in Physics and Chemistry of the Earth, Vol 26 No10-12, p. 754-805.

Kousoulakou, A., P. Patias, E. Stylianidis, (2001) : Documentation and visual exploration of archaeological data in space and time, Proc. of 3rd International Conference on Ancient Helike and Aigialeia, Oct. 6-9, Nikolaika of Diakopto, Greece, pp.

Σκαρλάτος Δ., Τοκμακίδης Κ., «Αποτυπώσεις αρχαιολογικών χώρων και ανασκαφών με χρήση τηλεκατευθυνόμενου ελικοπτέρου», ΑΕΜΘ: «Το Αρχαιολογικό Έργο στη Μακεδονία και τη Θράκη», Θεσσαλονίκη Φεβρουάριος 2001, ΑΕΜΘ Τόμος 15, 2001, Θεσσαλονίκη 2003 σελ. 433-440

2002

I.N. Tziavos (ed.), 2002, Gravity and Geoid 2002 – GG2002, Proceedings of the 3rd Meeting of the International Gravity and Geoid Commission, Ziti editions, 441 pages, Thessaloniki, August 26 - 30, 2002.

Tziavos I.N., Barzaghi R. (eds.), 2002, Regional and local gravity field approximation, Proceedings of session G7, XXVI EGS General Assembly, Nice, April 25 - 30, 2001, International Geoid Service (IGeS), Bulletin N. 13, special issue, 143 pages, 2002.

Μυρίδης Μ., (2002), Χαρτογραφική Επιστημονική Εταιρεία Ελλάδας [Χ.Ε.Ε.Ε.] 7ο Εθνικό Συνέδριο Χαρτογραφίας, «Νησιωτική Χαρτογραφία», Μυτιλήνη, 23-25 Οκτωβρίου 2002. Εκδόσεις Ζήτη.

2003

Contadakis, M.E., Biagi, P.F, 2003, Earthquake Precursory Phenomena, Proceedings of the NH10 Symposium: Seismic Hazard Evaluation, Precursory Phenomena and Reliability of Predictions held in the frame of XXVI General Assembly of the EGS, Symposium ", 22-26 April 2002, Nice, France, in Natural Hazards and Earth System Sciences, Vol. 3, No ¾, May/July 2003.

Dermanis, A. (Ed.) (2003): From Stars to Earth and Culture. In honor of the memory of Professor Alexandros Tsioumis. School of Rural & Surveying Engineering, The Aristotle University of Thessaloniki.

Tokmakidis K., Spatalas S., Pikridas C., «A Comparison of a Digital Terrain Model Obtained from GPS and Classical Data». Proceedings of the International Symposium on «Modern Technologies, Education and Professional Practice in the Globalizing World», Sofia, Bulgaria, 6 - 7 November 2003, pp. 30 – 35

2004

Pikridas C, Spatalas S, Tokmakidis K, Tsoulis D (2004) Terrain creation and analysis using information from GPS and classical techniques Proceedings of the FIG INGEO 2004 Meeting, Bratislava, 11-14.11.04

Sylaiou S., Patias P., Georgoula O., Sechidis L., 'Digital image formats suitable for museum publications', 2nd International Museology Conference in "Technology for the Cultural Heritage: Management - Education - Communication", Μυτιλήνη, Ελλάδα, 28 Ιουνίου- 2 Ιουλίου 2004.

Sylaiou, D., P. Patias, O. Georgoula, L. Sechidis, (2004), Digital image formats suitable for museum publications, Proc. of 2nd International Conference in "Technology for the Cultural Heritage: Management - Education - Communication", 28 June - 2 July 2004, Lesvos, Greece, (in press).

Tsoulis D (2004) Band-limited investigations of some isostatic Earth models, Proceedings of the IAG Meeting on Geoid and Space Missions GGSM2004, Porto, 30.08-03.09.04

Tsoulis D (2004) Die wissenschaftliche Nutzung aktueller und geplanter Satellitenmissionen zur hochauflösenden Gravitationsfeldbestimmung, In: M Kalantzi, V Karavezyris, A Paraskevopoulos (Hrsg.), Deutsch-Griechische Forschung 2003, Wissenschaftsverlag Berlin (wvb), 114-121 pp

Tsoulis D (2004) Recent developments in modelling the gravitational signal of known mass distributions and their implications in geodetic and geophysical applications of different scales, Proceedings of the FIG Symposium on Modern technologies, education and professional practice in geodesy and related fields, Sofia, 4-5.11.04

Tsoulis D, Gruber C, Sneeuw N (2004) A method for the estimation of bias and scale parameters for the CHAMP accelerometer, Proceedings of the IAG Meeting on Geoid and Space Missions GGSM2004, Porto, 30.08-03.09.04

Μυρίδης Μ., (2004), Χαρτογραφική Επιστημονική Εταιρεία Ελλάδας [Χ.Ε.Ε.Ε.] 8ο Εθνικό Συνεδρίο Χαρτογραφίας "Η Χαρτογραφία του Ευ ζην", Θεσσαλονίκη, 24-26 Νοεμβρίου 2004. Εκδόσεις Ζήτη.

2005

Patias, P., (2005), Current aerial cameras: How new technology posts new problems and looks for old solutions, Proceedings of the Symposium "The evolution of equipment, methods and measurement systems in spatial sciences in Greece", Thessaloniki, 15-16 April, pp. 525-535 (in Greek).

Παπαδημητρίου Ε., Κουσουλάκου Α., Σαββαϊδής Π., Τοκμακίδης Κ., «Γεωγραφικό Σύστημα Πληροφοριών για τη Διαχείριση Αρχαιολογικών Χώρων», «15η Συνάντηση χρηστών γεωγραφικών συστημάτων πληροφοριών ArcGIS», που διοργάνωσε η Marathon Data Systems στην Αθήνα στις 9-11 Νοεμβρίου 2005

Τμήμα Αγρονόμων Τοπογράφων Μηχανικών

Τοκμακίδης Κ., «Ιστορική εξέλιξη της μεθοδολογίας αποτύπωσης μνημείων», Επιστημονικό συνέδριο «Η εξέλιξη των οργάνων, των μεθόδων και των συστημάτων μετρήσεων των επιστημών της αποτύπωσης στην Ελλάδα», Θεσσαλονίκη 15-16 Απριλίου 2005

Τοκμακίδης Κ., Βλάχος Δ., «Το Ευπαλίνειο όρυγμα», Επιστημονικό συνέδριο «Η εξέλιξη των οργάνων, των μεθόδων και των συστημάτων μετρήσεων των επιστημών της αποτύπωσης στην Ελλάδα», Θεσσαλονίκη 15-16 Απριλίου 2005

Τσόκας Γ.Ν., Βαργεμέζης Γ., Τσούρλος Π., Δρούγου Σ., Σαατσόγλου-Παλιαδέλη Χ., Τοκμακίδης Κ., «Εξερεύνηση του αρχαιολογικού χώρου της Βεργίνας με τη μέθοδο της γεωηλεκτρικής χαρτογράφησης, 1984-2004», ΑΕΜΘ: «Το Αρχαιολογικό Έργο στη Μακεδονία και τη Θράκη», Θεσσαλονίκη 16-23 Φεβρουαρίου 2005

Τσούλης Δ (2005) Ο ρόλος της ατμοσφαιρικής διάθλασης στις τοπογραφικές εφαρμογές, Πρακτικά του Συνεδρίου Η εξέλιξη των οργάνων, των μεθόδων και των συστημάτων μετρήσεων των επιστημών της αποτύπωσης στην Ελλάδα, Τμήμα Αγρονόμων και Τοπογράφων Μηχανικών, Πολυτεχνική Σχολή ΑΠΘ, 15-16.04.05

2006

Papadimitriou E., Savvaidis P., Tokmakidis K., «Geographic Information System for the Management of Archaeological Sites» 21st European Conference for ESRI Users in Athens, November 6-8, 2006

Patias, P, (2006), Cultural Heritage Documentation, Lecture Notes, International Summer School “Digital Recording and 3D Modeling”, Aghios Nikolaos, Crete, Greece, 24-29 April 2006

Patias, P, (2006), Introduction to photogrammetric tools for medical image analysis, Lecture Notes, International Summer School “Advances in Medical imaging”, Aghios Nikolaos, Crete, Greece, 24-29 April 2006

Τζιμοπουλος. Χ., Γκινίδη. Π., Γιαννόπουλος Σ., Ευαγγελίδης Χ., Χαλκίδης Η., Γιαννακοπούλου Ε., 2006, Το πρόβλημα της διαχείρισης της υδρολογικής λεκάνης Κορώνειας, Πρακτικά 2ου Συνεδρίου Συμβουλίου Περιβάλλοντος Α.Π.Θ «Τα περιβαλλοντικά προβλήματα της Θεσσαλονίκης & της ευρύτερης περιοχής: Οι απόψεις του Α.Π.Θ, Θεσσαλονίκη , 265-271

Άλλες δημοσιεύσεις

2001

Fotopoulos G., Kotsakis C., Sideris M.G., 2001, A simulative analysis for the achievable accuracy of relative GPS/geoid levelling in western Canada. Proceedings of the Annual Conference of the GEOIDE Network of the Canadian Centres of Excellence (NCEs), Fredericton, Canada, June 21-22, 2001.

Kotsakis C., 2001, Multiresolution spectral filtering of spatially-varying noise from gravity field data. Proceedings of the Annual Scientific Meeting of the Canadian Geophysical Union (CD-ROM), Ottawa, Canada, May 14-17, 2001.

Kotsakis C., Fotopoulos G., Sideris M.G., 2001, Optimal fitting of gravimetric geoid undulations to GPS/levelling data using an extended similarity transformation model. Proceedings of the Annual Scientific Meeting of the Canadian Geophysical Union (CD-ROM), Ottawa, Canada, May 14-17, 2001.

Kotsakis C., Sideris M.G., 2001, Spectral filtering of spatially varying noise from digital geo-data. Proceedings of the Annual Conference of the GEOIDE Network of the Canadian Centres of Excellence (NCEs), Fredericton, Canada, June 21-22, 2001.

Toth Gy., Rosza Sz., Adam J., Tziavos I.N., 2001, Gravity field recovery from torsion balance data using collocation and spectral methods. Presented at the EGS XXVI General Assembly, Nice, France, March 26 - 30, 2001.

Vergos G.S., Bayoud F.A., Sideris M.G., Tziavos I.N., 2001, High resolution geoid computation by combining shipborne and multi-satellite altimetry data in the Eastern Mediterranean. Presented at the EGS XXVI General Assembly, Nice, France, March 26 - 30, 2001.

Καρανικόλας Ν., Λαφαζάνη Π., Ράμναλης Δ., (2001): «Εκλογικοί θεματικοί χάρτες με χρήση ArcView.» 11η Συνάντηση Ελλήνων Χρηστών G.I.S. Arcinfo - Arcview, Αθήνα 2001.

2002

C.Pikridas, V.D. Andritsanos, A. Fotiou, D. Rossikopoulos, I.N. Tziavos 2002, Height Datum Control by GPS and Local Geoid in the Wide Area of Thessaloniki, Poster presented at 3rd Meeting of the International Gravity and Geoid Commission, Section III (IAG), Thessaloniki, Greece, August 26-30.

C.Pikridas, V.D. Andritsanos, A. Fotiou, D. Rossikopoulos, I.N. Tziavos 2002, Height Datum Control by GPS and Local Geoid in the Wide Area of Thessaloniki, Poster presented at 3rd Meeting of the International Gravity and Geoid Commission, Section III (IAG), Thessaloniki, Greece, August 26-30.

Γιαννόπουλος Γ., Πιτσιάβα-Λατινοπούλου Μ., Μπάσμπας Σ., 2002, Πολιτική Στάθμευσης σε Κεντρικές Περιοχές – Η Περίπτωση του Ενιαίου Σχεδίου Στάθμευσης στο Δήμο Θεσσαλονίκης, Πρακτικά Επιστημονικής Ημερίδας:

Στάθμευση στις Μητροπολιτικές Περιοχές της Χώρας, Σύλλογος Ελλήνων Συγκοινωνιολόγων - Τεχνικό Επιμελητήριο Ελλάδας, Αθήνα, 97-112.

Μ. Μυρίδης, Δ. Ράμναλης, Σ. Παπαδόπουλος (2002): "Τελικά Ποιος Μένει που σ' αυτή την Πόλη; Συνθήκες Κατοικίας των Φοιτητών-τριών της Θεσσαλονίκης". Περιοδικό "Πο-λυ-μήχανο, Τεύχος 14 – Μάρτιος 2002". Πολυτεχνική Σχολή Α.Π.Θ., Θεσσαλονίκη, σελ. 8-10.

2003

Arabelos, D., G. A. Asteriadis, A. Bloutsos, M. E. Contadakis, S. D. Spatalas: "Atmospheric Tide Disturbances as Earthquake Precursory Phenomena". Presented in the European Geophysical Society-American Geophysical Union-European Union of Geosciences (EGS-AGU-EUG) Joint Assembly, Nice, France, 6-11 April, 2003.

Arabelos, D.N., Asteriadis, G., Contadakis, M.E., Spatalas, S.D.: Atmospheric tides in the area of Thessaloniki-North Greece. A twenty-seven years data analysis. Presented at XXIII General Assembly of the IUGG, Sapporo, June 30-July 11, 2003.

Contadakis M. E., D. N. Arabelos, G. Asteriadis, A. Bloutsos, S. D. Spatalas: "Thermo-Gravitational Atmospheric Tide Disturbances as Earthquake Precursory Phenomena". Presented in "The 1st International Workshop on Earthquake Prediction", Athens, Greece, 6-7 November, 2003.

Fotopoulos G., Kotsakis C., Sideris M.G., El-Sheimy N., 2003, Development of a semi-automated approach for regional corrector surface modelling in GPS-levelling. Proceedings of the Annual Scientific Meeting of the Canadian Geophysical Union (CD-ROM), Banff, Canada, May 10-14, 2003.

Kotsakis C., 2003, Review of the book "Gröchenig K., Foundations of Time-Frequency Analysis, 359 pp., 15 figs., Birkhauser, Boston, 2001, ISBN 0-8176-4022-3". Published in IAG Newsletter, Journal of Geodesy, 76(9-10): 588-589.

Kotsakis C., 2003, Weighted averaging of multiple data sets with no a-priori statistical information: some examples for noise reduction with simulated gravity anomaly data of varying accuracy. Proceedings of the Annual Scientific Meeting of the Canadian Geophysical Union (CD-ROM), Banff, Canada, May 10-14, 2003.

Tsoulis D (2003) Principles and the scientific use of current and planned dedicated satellite gravity field missions, In: From Stars to Earth and Culture, Volume in honour of the memory of Professor Alexandros Tsioumis (Ed: A Dermanis), pp 259-266, Editions Ziti, Thessaloniki

Tsoulis D (2003) The use of generally shaped polyhedra in gravity field modeling and geophysical interpretation, In: From Stars to Earth and Culture, Volume in honour of the memory of Professor Alexandros Tsioumis (Ed: A Dermanis), pp 267-272, Editions Ziti, Thessaloniki

Καρανικόλας Ν., Λαφαζάνη Π., Μυρίδης Μ., Ράμναλης Δ. (2003): “Η Απερήμωση των Ο-ρεινών Οικισμών της Δυτικής Μακεδονίας κατά τον 20ο Αιώνα: Μια Χαρτογραφική Κα-τό-πτευση” Αφιέρωμα στον Αλέξανδρο Τσιούμη “Από τα Άστρα στη Γη και τον Πολι-τι-σμό”, Εκδόσεις Ζήτη, Θεσσαλονίκη, σελ 121-143, 2003.

Καρανικόλας Ν., Λαφαζάνη Π., Μυρίδης Μ., Ράμναλης Δ. (2003): “Η Απερήμωση των Ο-ρεινών Οικισμών της Δυτικής Μακεδονίας κατά τον 20ο Αιώνα: Μια Χαρτογραφική Κα-τό-πτευση” Αφιέρωμα στον Αλέξανδρο Τσιούμη “Από τα Άστρα στη Γη και τον Πολι-τι-σμό”, Εκδόσεις Ζήτη, Θεσσαλονίκη, σελ 121-143, 2003.

Φωτίου Α., και Χ. Πικριδάς 2003, Μετασχηματισμός δικτύου GPS στα ελληνικά γεωδαιτικά συστήματα αναφοράς, Δημοσιεύθηκε στον Τιμητικό Τόμο “Από τα Άστρα στη Γη και τον Πολιτισμό”, αφιερωμένο στη μνήμη του καθηγητή Α.Τσιούμη. Θεσσαλονίκη ΑΠΘ-ΤΑΤΜ, σελ. 98-105.

Φωτίου Α., και Χ. Πικριδάς 2003, Μετασχηματισμός δικτύου GPS στα ελληνικά γεωδαιτικά συστήματα αναφοράς, Δημοσιεύθηκε στον Τιμητικό Τόμο “Από τα Άστρα στη Γη και τον Πολιτισμό”, αφιερωμένο στη μνήμη του καθηγητή Α.Τσιούμη. Θεσσαλονίκη ΑΠΘ-ΤΑΤΜ, σελ. 98-105.

2004

Andritsanos V.D., Fotopoulos G., Fotiou A., Pikridas C., Rossikopoulos D., Tziavos I.N., 2004, New local geoid model for northern Greece. Presented at the 3rd International Central and Eastern Conference on Engineering Surveying, FIG Regional Central and Eastern European Conference, Bratislava, Slovakia, 11 - 13 November 2004.

Arabelos, D.N., Asteriadis, Contadakis, M.E., Spatalas, S.: An analysis of a twenty seven years data for atmospheric tides in the area of Thessaloniki North Greece and the correlation between seismicity and atmospheric tide disturbances in this area. Presented at the First Latin American Congress of Seismology and the Second Colombian Congress of .Seismology, Armenia, Colombia, 16-21 August 2004.

Arabelos, D.N., Asteriadis, Contadakis, M.E., Spatalas, S.: An analysis of a twenty seven years data for atmospheric tides in the area of Thessaloniki North Greece and the correlation with the seismicity in this area. Presented at the European Seismological Commission XXIX General Assembly held in University and GFZ Potsdam, Germany, September 12-17, 2004.

Arabelos, D.N., Asteriadis, G., Bloutsos, A. , Contadakis, M.E., Spatalas, S.: Study of the Correlation between seismicity and barometric tidal exalting. Presented at the 1st General Assembly of the European Geosciences Union, Nice, France, 25-30 April 2004.

Contadakis, M.E., Arabelos, D.N., Asteriadis, G., Pikridas, Ch., Spatalas, S.: GPS monitoring of ionospheric TEC over the area of Thessaloniki in order to detect disturbances related to the local tectonic activity. Presented at the 1st

General Assembly of the European Geosciences Union, Nice, France, 25-30 April 2004.

Gounaris, A., Arabelos, D.N., Rossikopoulos, D.: Local vertical crustal movements in the Mygdonian basin-North Greece, resulting from gravity measurements. Presented at the 1st General Assembly of the European Geosciences Union, Nice, France, 25-30 April 2004.

Kiratzis A., Roumelioti A., Benetatos Ch., Savvaidis A., Panou A., Tziavos I.N., Savvaidis P., Hatzigogos Th., Koutoupes S., Karantonis G., 2004, Seisimpact-Thess: A scenario earthquake affecting the built environment of the prefecture of Thessaloniki. Bulletin of the Geological Society of Greece. Vol. XXXVI, 2004, Proceedings of the 10th Int. Congress, Thessaloniki, April 2004.

Kotsakis C., 2004, A critique on the logic of the least-squares principle for the estimation of geodetic parameters. Proceedings of the Joint Assembly of the American Geophysical Union and the Canadian Geophysical Union (CD-ROM), Montreal, Canada, May 17-21, 2004.

Kotsakis C., 2004, Challenging the logic of least-squares methods for geodetic estimation problems. Proceedings of the International Symposium on "Modern Technologies, Education and Professional Practice in Geodesy and Related Fields" (G. Milev, ed.), Sofia, Bulgaria, November 4-5, 2004, Bulgarian Academy of Sciences, pp. 38-45.

Koutoupes S., Karantonis G., Sotiriadis A., Kiratzis A., Valadaki A., Theodoulidis N., Savvaidis A., Tziavos I.N., Savvaidis P., Doukas I., 2004, Seisimpact-Thess: Design, development and application of an information system to assess the vulnerability to earthquake hazard of the built environment of the prefecture of Thessaloniki, (in Greek). Bulletin of the Geological Society of Greece. Vol. XXXVI, 2004, Proceedings of the 10th Int. Congress, Thessaloniki, April 2004.

Malmquist C., Kotsakis C., Sideris M.G., 2004, An assessment of digital terrain models over Canada. Proceedings of the Joint Assembly of the American Geophysical Union and the Canadian Geophysical Union (CD-ROM), Montreal, Canada, May 17-21, 2004.

Savvaidis P., Doukas I., Hatzigogos Th., Tziavos I.N., Kiratzis A., Roumelioti A., Savvaidis A., Theodoulidis N., Drakatos GF., Koutoupes S., Karantonis G., Sotiriadis A., 2004, Data base development and evaluation of earthquake damage reports under the Seis-Impact system. Bulletin of the Geological Society of Greece. Vol. XXXVI, 2004, Proceedings of the 10th Int. Congress, Thessaloniki, April 2004.

Savvaidis P., Doukas I.D., Tziavos I.N., Kiratzis A., Savvaidis A., Koutoupes S., Karantonis G., 2004, Evaluation and exploitation of earthquake damage to buildings based on GIS techniques. Presented at the International Symposium "Modern technologies and professional practice in geodesy and related fields", Sofia, 4 - 5 November 2004.

Καρανικόλας Ν., Λαφαζάνη Π., Ράμναλης Δ., Σουλιώτου Ο., (2004): «Κατασκευή του Ά-τλαντα Φυσικού Περιβάλλοντος της Ελλάδος με χρήση ArcGis». 14η Συνάντηση Ελ-λή-νων Χρηστών G.I.S. Arcinfo - Arcview, Αθήνα 2004.

2005

Arabelos, D. , C.C. Tscherning : External calibration of GOCE SGG data with terrestrial gravity data. Doc. No. GO-TN-HPF-GS-0070, Prepared by The European GOCE Gravity Consortium EGG-C, 2005.

Arabelos, D.N., Asteriadis, G., Bloutsos, A., Contadakis, M.E., Spatalas, S.D.: Investigation of possible correlation between atmospheric tidal exalting and seismicity in the area of Thessaloniki, North Greece. IASPEI, General Assembly, Santiago, Chile, 2-8 October, 2005.

Contadakis M.E., D.Arabelos, G.Asteriadis and C.Pikridas,. Night-time Spectral Content of Ionospheric Turbulents: A possible Earthquake Precursory Index. International Earth Sciences Colloquium on the Aegean Regions – IESCA 2005. Dokuz Eylul University, Izmir, TURKEY, 4 – 7 October 2005.

Contadakis M.E., D.Arabelos, G.Asteriadis, C. Pikridas, S.Spatalas and M.Chatzinikos, Ionospheric TEC disturbances over the area of Thessaloniki in relation to the local seismic activity. Πρακτικά συνεδρίου «Γεωλογία της Θράκης – Σεισμοτεκτονική του Β.Α. Αιγαίου». Σαμοθράκη 2 - 4 Σεπτεμβρίου 2005.

Dermanis, A. (2005): Compatibility of the IERS earth rotation representation and its relation to the NRO conditions. Presented at the Journées 2005 Systèmes de Référence Spatio-Temporels "Earth dynamics and reference systems: Five years after the adoption of the IAU 2000 Resolutions", Warsaw, 19-21 September 2005.

Forsberg, R., Skourup, Tscherning, C.C., Arabelos, D.: Geoid, mean sea level and ice thickness in the Arctic Ocean from GRACE and ICESat. AGU, Dec. 2005.

Fotopoulos G., Sideris M.G., Tziavos I.N., 2005, Establishing regional vertical control using heterogeneous height data. Presented at the 2005 Joint Scientific Assembly of IAG, IAPSO and IABO, Dynamic Planet 2005 - Monitoring and Understanding a Dynamic Planet with Geodetic and Oceanographic Tools, August 22 - 26, Cairns, Australia.

M.E Contadakis, D. Arabelos, G. Asteriadis, C. Pikridas and S. Spatalas. "Ionospheric TEC disturbances over the area of Thessaloniki, possibly related to the local tectonic activity." Geophysical Research Abstracts vol. 7, General Assembly of EGU (European Geosciences Union), Vienna, Austria, 24 - 29 April 2005.

Savvaidis P., Sotiriadis A., Valadaki A., Doukas I.D., Tziavos I.N., Kiratzi A., Savvaidis A., Koutoupes S., 2005, Use of web-based GIS for the evaluation of

earthquake damage to the built environment. Proceedings of the International Conference "DPPGIS 2005", Pardubice, 2005.

A. Φωτίου, Χρ. Πικριδάς 2005, Οι σύγχρονες εξελίξεις στον προσδιορισμό θέσης με τα παγκόσμια δορυφορικά συστήματα πλοήγησης – GNSS, Επιστημονικό Συνέδριο, Η εξέλιξη των οργάνων, των μεθόδων και των συστημάτων μετρήσεων των επιστημών της αποτύπωσης στην Ελλάδα. Θεσσαλονίκη, 15 -16.04.05.

A. Φωτίου, Χρ. Πικριδάς 2005, Οι σύγχρονες εξελίξεις στον προσδιορισμό θέσης με τα παγκόσμια δορυφορικά συστήματα πλοήγησης – GNSS, Επιστημονικό Συνέδριο, Η εξέλιξη των οργάνων, των μεθόδων και των συστημάτων μετρήσεων των επιστημών της αποτύπωσης στην Ελλάδα. Θεσσαλονίκη, 15 -16.04.05.

Καρανικόλας Ν., Λαφαζάνη Π., Μυρίδης Μ., Ράμναλης Δ., (2005): «Ένα Χαρτο-γρα-φι-κό Πολυμέσο Περιήγησης στη Θεσσαλονίκη της Διασκέδασης». 15η Συνάντηση Ελλήνων Χρηστών G.I.S. Arcinfo - Arcview, Αθήνα 2005.

Καρανικόλας Ν., Λαφαζάνη Π., Μυρίδης Μ., Ράμναλης Δ., (2005): «Ένα Χαρτο-γρα-φι-κό Πολυμέσο Περιήγησης στη Θεσσαλονίκη της Διασκέδασης». 15η Συνάντηση Ελλήνων Χρηστών G.I.S. Arcinfo - Arcview, Αθήνα 2005.

2006

Arabelos, D. G. Asteriadis, A. Bloutsos, M. Contadakis and S.D. Spatalas: Correlation between seismicity and barometric tidal exalting. Presented at 3rd Annual Meeting of the Asia Oceania Geosciences Society, Singapore 10-14, July, 2006.

Arabelos, D., Forsberg, R., Tscherning, C.C., Error covariance estimates in the Arctic Ocean, EGU General Assembly, Vienna, Austria, 2-7 Aprile 2006.

Biagi, L. and A. Dermanis (2006): Determination of invariant deformation parameters from GPS permanent stations using stochastic spatial interpolation. VI HotineMarussi Symposium on Theoretical and Computational Geodesy, Wuhan, May 29 - June 2, 2006.

Contadakis M.E., D. Arabelos, G. Asteriadis, Ch. Pikridas, S. Spatalas, M. Chatzinikos, 2006, Observational investigation of ionospheric turbulent spectral content in relation to geomagnetic field variations and local seismicity. EGU General Assembly, Vienna, Austria, 2-7 Aprile, 2006.

Dermanis, A. and D. Tsoulis (2006): Computation of Earth Rotation Parameters Consistent with the IERS Earth Rotation Representation. International Symposium "Geodetic Reference Frames 2006", Munich, October 9-13, 2006. Poster Presentation.

Forsberg, R., Skourup, H., Andersen, O., Knudsen, P., Laxon, S.W., Ridout, A., Broun, A., Johannessen, J., Tscherning, C.C., Arabelos, D.: Arctic ocean geoid, ice thickness and mean sea level-The Arcgice Project. 15 years of progress in Radar Altimetry. ESA workshop, Venice, 2006.

Kotsakis C., Katsambalos K., 2006, On the need for developing a modern 3D satellite-based geodetic reference system in Greece (in Greek). Proceedings of the Second Scientific Symposium of the Hellenic Association of Rural and Surveying Engineers (CD-ROM), Athens, Greece, December 8-9, 2006.

Tziavos I.N., Sideris M.G., Vergos G.S., Grigoriadis V.N., V.D. Andritsanos,, 2006, An overview of spectral methods for the optimal processing of satellite altimetry and other data. Presented at the ESA International Conference “15 years of progress in radar altimetry”, Venice, Italy, 13-17 March 2006.

Γιώργος Γριτζάς, Νικόλας Καρανικόλας, Πέρυ Λαφαζάνη, Μύρων Μυρίδης, (2006): «Ένας Ηλεκτρονικός Θεματικός Άτλαντας για τα Ελληνικά Νησιά. Ανάδειξη των ιδιο-μορ-φιών του Ελληνικού νησιωτικού χώρου.» Θερινό Σχολείο Πανεπιστημίου Αιγαίου, Πά-ρος.

Γιώργος Γριτζάς, Νικόλας Καρανικόλας, Πέρυ Λαφαζάνη, Μύρων Μυρίδης, (2006): «Ένας Ηλεκτρονικός Θεματικός Άτλαντας για τα Ελληνικά Νησιά. Ανάδειξη των ιδιο-μορ-φιών του Ελληνικού νησιωτικού χώρου.» Θερινό Σχολείο Πανεπιστημίου Αιγαίου, Πά-ρος.

Γιώργος Γριτζάς, Νικόλας Καρανικόλας, Πέρυ Λαφαζάνη, Μύρων Μυρίδης, (2006): «Το ανθρωπογεωγραφικό πλαίσιο αναφοράς ευαίσθητων πολιτιστικά και ιστορικά τό-πων. Οι ιδιομορφίες του Ελληνικού νησιωτικού χώρου.» Προσκεκλημένη εργασία στο 1ο προ-συνέδριο του Τμήματος Χωροταξίας και Ανάπτυξης του Α.Π.Θ., Πάρος.

Γιώργος Γριτζάς, Νικόλας Καρανικόλας, Πέρυ Λαφαζάνη, Μύρων Μυρίδης, (2006): «Το ανθρωπογεωγραφικό πλαίσιο αναφοράς ευαίσθητων πολιτιστικά και ιστορικά τό-πων. Οι ιδιομορφίες του Ελληνικού νησιωτικού χώρου.» Προσκεκλημένη εργασία στο 1ο προ-συνέδριο του Τμήματος Χωροταξίας και Ανάπτυξης του Α.Π.Θ., Πάρος.

Μ. Μυρίδης, Δ. Ράμναλης, (2006): “...σχεδόν 40 χρόνια συστηματικών Χαρτο-γρα-φι-κών Σπουδών & Έρευνας στην Ελλάδα: Ιδρύματα, Φορείς και Οργανισμοί στην προ-σπά-θεια μιας Χαρτογραφικής Ανασυγκρότησης”. Περιοδικό Π.Σ.Δ.Α.Τ.Μ. “ΑΤΜ, Τεύχος 179 – Αύγουστος-Σεπτέμβριος 2006”, Αθήνα, σελ. 34-37.

Χ. Πικριδάς 2006, Δορυφορική Γεωδαισία – Η εξέλιξη στην επιστήμη της Γεωδαισίας, Ενημερωτικό Δελτίο Συλλόγου Αγρονόμων και Τοπογράφων Μηχανικών Β. Ελλάδος, Θεσσαλονίκη.

Τμήμα Πολιτικών Μηχανικών

Άρθρα σε περιοδικά με κριτές

2001

A simple mathematical formula describing the survival kinetic of E.coli in natural waters - E. Darakas - Int. J. Environ. Studies (Section A), Vol. 58/3, pp. 365 – 372, 2001

A.Rigatos and N.Charalambakis, Two-dimensional adiabatic Newtonian flow with temperature dependent viscosity, International Journal of Engineering Science 39, pp 1143-1165, 2001.

Anastasiadis A., Raptakis D., Pitilakis K., 2001, Thessaloniki's detailed microzoning: Subsurface as basis of site response analysis, PAGEOPH, 158, 11.

Anastasiadis A., Raptakis D., Pitilakis K., 2001, Thessaloniki's detailed microzoning: Subsurface as basis of site response analysis, PAGEOPH, 158, 11.

CH. PYRGIDIS, "Bogie behavior of high - speed trains in curves – Selection of minimum horizontal curve radii", Rail Engineering International, No 3 ,2001, pp 13-16

Charalambakis N., 2001, Shear stability and strain, strain-rate and temperature dependent "cold" work, International Journal of Engineering Science, 39 (17), 1889-1911

Charalambakis N., 2001, Stability conditions of materials with strain, strain-rate and temperature dependent fraction of work converted into heat, Mechanics Research Communications, 28 (3), 161-164

Doudoumis I.N, Athanatopoulou A.M. (2001): "Code provisions and analytical modelling for the in-plane flexibility of floor diaphragms in building structures", Journal of Earthquake Engineering, Vol. 5, No. 4, 565-594.

Dymiotis, C., Kappos A.J., and Chryssanthopoulos, M.C., "Seismic reliability of masonry infilled r/c frames", Journal of Structural Engineering, ASCE, Vol. 127, No. 3, Mar. 2001, pp. 296-305.

Farsirotou, E. D., Soulis J.V. and Dermisis V. (2001), "A numerical method for two dimensional bed morphology calculations", Intern. Journal of computational Fluid Dynamics.

G.D. Manolis, Analysis for Dynamic Loading, Chapter 2 in Dynamic Loading and Design of Structures, Edited by A.J. Kappos, Spon Press, London, pp. 31-65, 2001.

- G.D. Manolis, Random Vibration Analysis, Chapter 10 in Dynamic Loading and Design of Structures, Edited by A.J. Kappos, Spon Press, London, pp. 343-367, 2001.
- Ganoulis J., 2001, Water resources management at the turn of the millennium: Towards a new scientific paradigm, *Revue des Sciences de l'Eau* 14, 2, 213–221.
- I.N. Doudoumis, A.M. Athanatopoulou: 'Code Provisions and Analytical Modelling for the In-plane flexibility of floor diaphragms in Building Structures', *Journal of Earthquake Engineering (JEE)*, 2001, Vol. 5, No 4, pp. 565-594.
- Ifadis I. and Savvaidis P., 2001, Space to Earth Geodetic Observations: Approaching the Atmospheric Effect, *Physics and Chemistry of the Earth - Part A: Solid Earth and Geodesy*, Vol. 26, Issue 3, 195-200.
- Kappos A.J. and Manafpour, A. "Seismic Design of R/C buildings with the aid of advanced analytical techniques ", *Engineering Structures*, Vol. 23, No. 4, Apr. 2001, pp. 319-332.
- Kappos A.J. and Sextos, A.G. "Effect of foundation type and compliance on the lateral load response of R/C bridges", *Journal of Bridge Engineering*, ASCE, Vol. 6, No. 2, Mar-Apr. 2001, pp. 120-130.
- Kappos, A. & Sextos, A., 2001, 'Effect of foundation type and compliance on the lateral load response of R/C bridges', *Journal of Bridge Engineering*, ASCE, 6, 120–130
- Karpouzou D.K., Delay F., Katsifarakis K.L., de Marsily G., 2001, A multi-population genetic algorithm to solve the inverse problem in hydrogeology, *Water Resources Research*, 37, 9, 2291-2302.
- Kaziolas, D.N. & Baniotopoulos, C.C., 2001, On the Debonding in Multilayered Composite Structures. A New Numerical Approach, *Computational Mechanics*, 27, 160-169.
- Krestenitis Y.N., Barbopoulos K.A. & Valioulis I.A., 2001, Oceanographic study of the dredging impact in the Maliakos Bay, *Jour. of Marine Environmental Engineering*, Vol. 6, No. 1, pp33-68.
- Latinopoulos, P. and N. Theodossiou, 2001, A management framework for the efficient use of surface water resources in Sithonia peninsula (Greece), *Global Nest: The International Journal*, Vol.3, No2, pp. 145-152.
- Ma F., Hou Y. and Prinos P., 2001, Numerical calculation of submerged hydraulic jumps, *J. of Hydraulic Research*, IAHR, 39, 5, 493-503.
- Makra K., Raptakis D., Chavez-Garcia F., Pitilakis K., 2001, Site effects and design provisions: The case of EURO-SEISTEST, *PAGEOPH*, 158, 11.
- Makra K., Raptakis D., Chavez-Garcia F., Pitilakis K., 2001, Site effects and design provisions: The case of EURO-SEISTEST, *PAGEOPH*, 158, 11.

Makra K., Raptakis D., Chavez-Garcia F., Pitilakis K., 2001, Site effects and design provisions: The case of Euroseistest, *Pure & Applied Geophysics*, 158, 12, 2349-2367.

Makra K., Raptakis D., Chavez-Garcia F., Pitilakis K., 2001, Site effects and design provisions: The case of Euroseistest, *Pure & Applied Geophysics*, 158, 12, 2349-2367.

Moutsopoulos K., Konstantinidis A., Meladiotis I., Tzimopoulos C. and Aifantis E., 2001, Hydraulic behavior and contaminant transport in multiple porosity media, *Transport in Porous Media*, 1342, pp.1-28

Mpimpas H, Anagnostopoulos P., Ganoulis J., 2001, Modelling of water pollution in the Thermaikos gulf with fuzzy parameters, *Ecological Modelling* 142, 91-104.

Mpimpas H., Anagnostopoulos P. and Ganoulis J., 2001, Modelling of Water Pollution in the Thermaikos Gulf with fuzzy parameters, *Ecological Modelling* 142, 91-104.

N. Charalambakis, Stability conditions of materials with strain, strain-rate and temperature dependent fraction of work converted into heat, *Mechanics Research Communications*, 28/3, pp 161-164, 2001.

N.Charalambakis, Shear stability and strain, strain-rate and temperature dependent «cold» work, *International Journal of Engineering Sciences*, 39/17, pp 1899-1911, 2001.

P.S. Dineva and G.D. Manolis, Scattering of Seismic Waves by Cracks in Multi-layered Geological Regions: I. Mechanical Model, *Soil Dynamics and Earthquake Engineering*, Vol. 21, 615-625, 2001.

P.S. Dineva and G.D. Manolis, Scattering of Seismic Waves by Cracks in Multi-layered Geological Regions: II. Numerical Results, *Soil Dynamics and Earthquake Engineering*, Vol. 21, 627-641, 2001.

Papanikolaou V.K, Doudoumis I.N. (2001): "Elastic Analysis and Application Tables of Rectangular Plates with Unilateral Contact Support Conditions", *Computers and Structures* 79, 2559-2578.

Rigatos A. and Charalambakis N., 2001, Two-dimensional adiabatic Newtonian flow with temperature dependent viscosity, *International Journal of Engineering Science*, 39, 1143-1165

S. BASBAS, CH. RYRGIDIS, "Model development for rail transportation of hazardous materials in Greece", *Journal of Environmental Protection and Ecology*, No 2, 2001, pp 418-427.

Savvaidis P., Ifadis I., and Lakakis K., 2001, Everyday Mapping of Traffic Conditions – An Urban Planning Tool, *Geodesy, Cartography and Land Information Systems*, Vol. 2-3, 11-16.

Savvaidis P., Ifadis I., Lakakis K., 2001, Everyday Mapping of Traffic Conditions – An Urban Planning Tool, Geodesy, Cartography and Land IS, vol. 2-3, pp. 11-16.

TSONOS, A.G. "Seismic Retrofit of R/C Beam-to-Column Joints using local Three-Sided Jackets", International Journal of European Earthquake Engineering and Engineering Seismology, No 1, 2001, pp.48-64.

TSONOS, A.G., "Seismic Rehabilitation of Reinforced Concrete Joints by the Removal and Replacement Technique", International Journal of European Earthquake Engineering and Engineering Seismology, No 3, 2001, pp. 29-43.

Αβραμίδης Ι.Ε. και Μορφίδης Κ., "Γενικού τύπου πεπερασμένο στοιχείο δοκού για ισοδύναμη πλαισιακή προσομοίωση κτιριακών φορέων οπλισμένου σκυροδέματος". ΚΤΙΡΙΟ (Επιστημονική έκδοση), τεύχ. Α / 2001, σελ. 59-68.

Γ. ΤΣΩΧΟΣ, Χ. ΠΥΡΓΙΔΗΣ, Ν. ΔΕΜΙΡΙΔΗΣ, "Συμβολή στην πρόβλεψη του σιδηροδρομικού θορύβου", Τεχνικά Χρονικά ,Τόμος 21, Τεύχος 1-3, Ιανουάριος-Δεκέμβριος 2001, σελίδες 143-156

Κουτάντος Ε., Καραμπάς Θ., Κουτίτας Χ., Πρίνος Π., 2001, Υδροδυναμική συμπεριφορά πλωτών κυματοθραυστών σε ρηχά και ενδιάμεσου βάθους ύδατα, Υδροτεχνικά, ΕΥΕ, 11, 76-87.

Μελαδιώτης Ι., Τρανός Μ. και Τσολακόπουλος Ε., 2001, Εντοπισμός και χαρτογράφηση ρηξιγενών δομών στο ανατολικό τμήμα του ορεινού όγκου Άσκιου (Δ.Μακεδονία) με τη βοήθεια ψηφιακών δορυφορικών δεδομένων, Μεταλλειολογικά-Μεταλλουργικά Χρονικά, Τομ.10, Τευχ.1-2, σελ. 19-34

Π.Γ. Παπαδόπουλος, Χ. Ξενίδης. Περίσφιξη στύλου Ο.Σ. για παρεμπόδιση της δομικής αστάθειας του σκυροδέματος. Τεχνικά Χρονικά ΤΕΕ. Θέματα Πολιτικού Μηχανικού. 2001, τόμος 21, τεύχος 1-3, σελ. 25-38.

Προσεισμική και μετασεισμική ενίσχυση δομικών υποσυνόλων οπλισμένου σκυροδέματος με χρήση GFRP, Τσώνος Α. - Στυλιανίδης Κ., Περιοδικό "Κτίριο", Επιστημονική Έκδοση Α/2001, σελ. 41-50.

ΤΣΩΝΟΣ, Α.Γ., "Προσπάθεια Μερικής Αντικατάστασης Οπλισμού Συνδετήρων με Χαλύβδινες Ίνες στις Σύγχρονες Κατασκευές", Περιοδικό ΤΕΧΝΙΚΑ, Αθήνα, Ιανουάριος 2001, σελ. 18-21.

ΤΣΩΝΟΣ, Α.-Δ., Γ., "Αποδοτικότητα Επισκευής Πλαισιακών Υποσυνόλων με Χρήση Εποξειδικών Ρητινών", Ειδικά Θέματα (αποκλειστικό) ΔΕΛΤΙΟΥ Συλλόγου Πολιτικών Μηχανικών Ελλάδας, Τεύχος 282, Φεβρουάριος 2001, σελ. 10-20. (Η εργασία εστάλη στο ανωτέρω περιοδικό κατόπιν αιτήσεως του Εκδότη).

ΤΣΩΝΟΣ, Α.-Δ., Γ., ΣΤΥΛΙΑΝΙΔΗΣ, Κ.-Α., Χ., "Προσεισμική και Μετασεισμική Ενίσχυση Δομικών Υποσυνόλων Οπλισμένου Σκυροδέματος με Χρήση GFRP", Επιστημονική Έκδοση ΚΤΙΡΙΟ, Α, 2001, σελ. 41-49.

ΤΣΩΝΟΣ, Α.-Δ., Γ., ΤΕΓΟΣ, Ι., ΠΕΝΕΛΗΣ, Γ., "Χρήση Δισδιαγώνιων Οπλισμών για τη Βελτίωση της Σεισμικής Συμπεριφοράς Κόμβων υπό Συνθήκες Μεταβαλλόμενου Αξονικού Φορτίου και Φαινομένων Δευτέρας Τάξεως", Επιστημονική Έκδοση ΚΤΙΡΙΟ, Α, 2001, σελ. 51-58.

Χ. ΠΥΡΓΙΔΗΣ, «Λειτουργία προαστιακού σιδηροδρόμου στη γραμμή Θεσσαλονίκης-Πλατέος- Σκύδρας», Σιδηροτροχιά, τεύχος 22, Δεκέμβριος 2001, σελ. 28-38

2002

A.J. Kappos, G.D. Manolis and I.F. Moshonas, Seismic Assessment and Design of R/C Bridges with Irregular Configuration including SSI Effects, Engineering Structures, Vol. 24, 1337-1348, 2002.

Anastassiadis K., and Avramidis I.E., "Concurrent Design Forces in Structures under Three-Component Orthotropic Seismic Excitation". Θα δημοσιευθεί στο περιοδικό EARTHQUAKE SPECTRA, Vol.18, No.1, pp 1-17, Febr. 2002.

Arfib B., De Marsily G., Ganoulis J., 2002, Coastal karst springs in the Mediterranean basin: Study of the mechanisms of saline pollution at the Almyros spring, Bulletin Sciences Géologiques France 173, 3, 245-253.

Baniotopoulos, C. C. & Plalis, T. A., 2002, Wind Actions on Structures of Civil Engineer according to Eurocode 1-2.4 and Applications on Slender Structures, ΚΤΙΡΙΟ – Scientific Edition, Α, 6168.

C.Z. Karakostas and G.D. Manolis, Dynamic Response of Tunnels in Stochastic Soils by the Boundary Element Method, Engineering Analysis with Boundary Elements, Vol. 26, No. 8, 667-680, 2002.

Dodou M.G., Savvidis Y.G., Krestenitis Y.N. & Koutitas C.G., 2002, Development of a two-layer mathematical model for the study of hydrodynamic circulation in the sea. Application to the Thermaikos Gulf, Mediterranean Marine Science, Vol. 3/2, pp. 5-25.

E. Kolokytha, Y. Mylopoulos & A. Mentis, (2002), Evaluating demand management aspects of urban water policy. A field survey in the city of Thessaloniki, Greece, Urban Water, Vol. 4, Issue 4, pp 391- 400.

E. KOLOKYTHA, Y. MYLOPOULOS & A. MENTES, (2002), « Evaluating demand management aspects of urban water policy. A field survey in the city of Thessaloniki, Greece», Urban Water, Vol. 4, Issue 4, pp 391- 400.

E.coli kinetics – Effect of temperature on the maintenance and respectively the decay phase - E. Darakas - Environmental Monitoring and Assessment, Vol. 78, Issue 2, (101 – 110), 2002, Kluwer Academic Publishers, Printed in the Netherlands

G.D. Manolis and S. Pavlou, A Green's Function for Variable Density Elastodynamics under Plane Strain Conditions by Hormander's Method,

Computer Modeling in Engineering and Sciences, Vol. 3, No. 3, 399-415, 2002.

G.D. Manolis, Stochastic Soil Dynamics, Soil Dynamics and Earthquake Engineering, Vol. 22, 3-15, 2002.

G.D. Manolis, T.V. Rangelov and R.P. Shaw, Conformal Mapping Methods for Variable Parameter Elastodynamics, Wave Motion, Vol. 36, No.2, 185-202, 2002.

G.GIANNOPOULOS, CH. PYRGIDIS, "The southeast section of rail corridor IX. Current status and prospects for development ", Rail Engineering International , No 2, 2002, pp 12-16

Hyder P., Simpson, J.H., Christopoulos S. & Krestenitis Y., 2002, The seasonal cycles of stratification and circulation in the Thermaikos Gulf region of freshwater influence (ROFI), north-west Aegean, Continental Shelf Research, Vol. 22, pp. 2573-2597.

Kappos A.J., Penelis, Gr.G., and Drakopoulos, C. "Evaluation of simplified models for the analysis of unreinforced masonry (URM) buildings", Journal of Structural Engineering, ASCE, Vol. 128, No. 7, July 2002, pp. 890-897.

Kappos, A.J., Manolis, G.D. and Moschonas, I.F. "Seismic assessment and design of R/C bridges with irregular configuration, including SSI effects", Engineering Structures, Vol. 24, No.10, Oct. 2002, pp. 1337-1348.

Morfidis K., and Avramidis I.E., "Formulation of a generalized beam element on a two-parameter elastic foundation with semi-rigid connections and rigid offsets". COMPUTERS AND STRUCTURES 80 (2002), 1919-1934.

Savvaidis P., Ifadis I., and Lakakis K., 2002, Organization of Emergency Response after a Major Disaster Event in an Urban Area with the Help of an Automatic Vehicle Location and Control System, GPS Solutions, Vol. 5, No. 4, 70-79.

Savvaidis P., Lakakis K., Ifadis I., 2002, Organization of Emergency Response after a Major Disaster Event in an Urban Area with the Help of an Automatic Vehicle Location and Control System, GPS Solutions vol. 5, No. 4, pp. 70-79.

Seismic Retrofit of Beam - to - Column Joints with High Strength Fiber Jackets. Tsonos A. G. –Stylianidis K., European Earthquake Engineering, Vol. 2/2002, pp. 77-87.

T.V. Rangelov and G.D. Manolis, On the Existence of Fundamental Solutions for Variable Density Elastodynamics, Boundary Elements Communications, Vol. 13, No. 2, 3-11, 2002.

The transboundary River Nestos and its water quality assessment: cross-border cooperation between Greece and Bulgaria - E. Darakas - The

Environmentalist, 22, 363 – 371, 2002, Kluwer Academic Publishers, Printed in The Netherlands

TSONOS, A.G., "Seismic Repair of Exterior R/C Beam-to-Column Joints using Two-Sided and Three-Sided Jackets", Structural Engineering and Mechanics, An International Journal, Vol. 13, No 1, 2002, pp. 17-34.

TSONOS, A.G., "Seismic Repair of Reinforced Concrete Beam-Column Subassemblages of Modern Structures by Epoxy Injection Technique", Structural Engineering and Mechanics, An International Journal, Vol. 14, No 5 (2002), pp. 543-563.

TSONOS, A.G., and STYLIANIDIS, K.H., "Seismic Retrofit of Beam-to-Column Joints with High-Strength Fiber Jackets", International Journal of Earthquake Engineering and Engineering Seismology, No 2, 2002, pp. 77-93.

Υ. ΜΥΛΟΠΟΥΛΟΣ Υ., ΒΑΓΙΟΝΑ Δ., ΚΟΛΟΚΥΘΑ Ε. (2002), "Demand management aspects of the urban water policy in the industrial sector. the case of the city of Thessaloniki, Greece." Urban Water, (accepted for publication).

Α. Νανιόπουλος, Δ. Ναλμπάντης, «Ο Αστικός Συγκοινωνιακός Σχεδιασμός στην πόλη της Θεσσαλονίκης κατά τη διάρκεια του 20ου αιώνα», Επιστημονική Επετηρίδα ΘΕΣΣΑΛΟΝΙΚΗ, Κέντρο Ιστορίας Θεσσαλονίκης, Τόμος 6ος, Θεσσαλονίκη 2002.

Αθανατοπούλου Α., Ξενίδης Χ. και Αβραμίδης Ι.Ε, "Απόκριση δοκών με φυτευτά υποστυλώματα λόγω της κατακόρυφης σεισμικής συνιστώσας σύμφωνα με τον Ν.Ε.Α.Κ.". ΚΤΙΡΙΟ (Επιστημ. Έκδοση), τεύχ. Α/2002.

Αθανατοπούλου Α., Ξενίδης Χ. και Αβραμίδης Ι.Ε, "Σύγκριση της απόκρισης μεταξύ ανάλυσης μεμονωμένου δομικού στοιχείου και φορέα λόγω της κατακόρυφης συνιστώσας της σεισμικής διέγερσης". ΚΤΙΡΙΟ (Επιστημ. Έκδοση), τεύχ. Β/2002, σελ.27-36.

Μελαδιώτης Ι., 2002, Έρευνα εντοπισμού του υπεδάφικου, μειοκαινικού κροκαλοπαγή υδροφορέα Ποντοκώμης-Μαυροδενδρίου στη Λεκάνη Σαριγκιόλ, Μεταλλειολογικά-Μεταλλουργικά Χρονικά, Τομ. 12, Τευχ. 2, σελ.35-48

Μελαδιώτης Ι., και Μουτσόπουλος Κ., 2002, Υδρογεωλογικές συνθήκες και υδραυλική συμπεριφορά του ρωγματωμένου κροκαλοπαγή υδροφορέα Μαυροπηγής στο Νομό Κοζάνης, Μεταλλειολογικά-Μεταλλουργικά Χρονικά, Τομ.12, Τευχ. 1, σελ. 27-36

Παπανικολάου Κ.Β., Η Συνεισφορά Των Οπλισμών Στη Φέρουσα Ικανότητα Πλακών Υπό Διάτρηση, Περιοδικό ΚΤΙΡΙΟ, Σεπτέμβριος 2002.

ΤΣΩΝΟΣ, Α.-Δ., Γ., "Μετασεισμική Επισκευή Πλαισιακών Υποσυνόλων Σύγχρονων Κατασκευών με τη Μέθοδο των Εποξειδικών Ρητινών", Επιστημονική Έκδοση ΚΤΙΡΙΟ, Α, 2002, σελ. 33-40.

2003

A. Naniopoulos, "Towards Accessible Transport Chains in Europe", Institute for Prospective Technological Studies Report, (The IPTS REPORT), Sevilla, Spain, 2003.

Anagnostopoulos, A., C. and Stavridakis, I., E., 2003, "Physical and Engineering Properties of a Cement Stabilized Soft Soil Treated with Acrylic Resin Additive" Electronic Journal of Geotechnical Engineering, (<http://www.ejge.com>), Volume 8, Bundle D, pages 12.

Antoniades, K. K., Salonikios, T. N. and Kappos A. J. "Cyclic tests on seismically damaged r/c walls strengthened using frp reinforcement", ACI Structural Journal, Vol. 100, No. 4, 2003, pp. 510-518.

Baniotopoulos, C.C. & Efstathiadis, C., 2003, Aluminium Curtain Wall Systems : A 3D F.E.M. Model, KTIRIO – Scientific Edition, A-B, 59-66

CH. PYRGIDIS, " Quality indicators for railway infrastructure", Rail Engineering International, No 4 ,2003,pp3-7

Doudoumis I.N. (2003): "A mathematical programming incremental formulation for unilateral frictional contact problems of linear elasticity", Applicable Analysis, Vol. 82, No. 6, (2003), 503-515 .

Ε. Κολοκυθα, Δ. Τολिकास, Γ. Μυλοπουλος & Ι. Παπαδημητριου (2003), Αξιολόγηση παραμέτρων εξοικονόμησης νερού για τον καθορισμό οικονομικής πολιτικής στην ύδρευση της Θεσσαλονίκης με μεθόδους ανάλυσης δεδομένων, Μαθήματα Ανάλυσης Δεδομένων, τεύχος 3, σελ.107-119

G.D. Manolis and C. Z. Karakostas, A Green's Function Method to SH-wave Motion in a Random Continuum, contributed paper, Special Issue on Recent Innovations in BEM – Part II, Guest Editor: C.A. Brebbia, Engineering Analysis with Boundary Elements, Vol. 27, No. 2, 93-100, 2003.

G.D. Manolis and C.Z. Karakostas, BEM Analysis of SSI Problems in Random Media, Chapter 4 in Boundary Element Methods for Soil-Structure-Interaction, Edited by W.S. Hall and G. Oliveto, Kluwer Academic Publishers, Dordrecht, pp. 175-233, 2003.

G.D. Manolis, Elastic Wave Scattering around Cavities in Inhomogeneous Continua by the BEM, Journal of Sound and Vibration, Vol. 226(2), 281-305, 2003.

G.D. Manolis, T.V. Rangelov and R.P. Shaw, The Non-homogeneous Biharmonic Plate Equation: Fundamental Solutions, International Journal of Solids and Structures, Vol. 40, No. 21, 5753-5767, 2003.

Ganouliis J., 2003, Evaluating alternative strategies for wastewater recycling and reuse in the Mediterranean area, Journal of Water Science Technology: Water Supply 3, 4, 11-20.

- Ganoulis J., 2003, Risk-based floodplain management: A case study from Greece, *International Journal of River Basin Management* 1, 1, 1-7.
- Kappos, A.J., Nuti, C. and Sucuoglu, H., "Seismic Assessment and Retrofit of RC Buildings: Case Studies", *fib Bulletin No. 24*, May 2003, pp. 251-306.
- Konstantinidis, D. and Kappos, A. J. "Analytical modelling of confined HSC columns under flexure and axial loads", *Mag. of Concrete Research*, Vol. 55, No. 4, 2003, 395-403.
- Kontoleon M.J., Kaziolas D.N., Zygomas M.D. and Baniotopoulos C.C.,, 2003, Analysis of Steel Bolted Connections by means of a Nonsmooth Optimization Procedure., *Comp. & Structures- An International Journal*,, 81, 2455-2465
- Kontoleon, M. J., Kaziolas, D. N., Zygomas M.D. & Baniotopoulos, C. C., 2003, Analysis of Steel Bolted Connections by Means of a Nonsmooth Optimization Procedure, *COMPUTERS & STRUCTURES*, 81, 2455-2465.
- Koutendakis, M.K., Zygomas, M.D. & Baniotopoulos, C.C, 2003, Load-bearing Aluminium Structures. Basis of Design According to Eurocode 9, *KTIRIO – Scientific Edition*, A-B, 67-76
- Lavassas I., Nikolaidis G., Zervas P., Efthimiou E., Doudoumis I.N., Baniotopoulos C.C. (2003): "Analysis and Design of the Prototype of an 1-MW Steel Wind Turbine Tower", *Engineering Structures* 25 (2003), 1097-1106).
- Lavassas, I., Nikolaidis, G., Zervas, P., Efthimiou, E., Doudoumis, I.N. & Baniotopoulos, C.C., 2003, Analysis and Design of the Prototype of an 1 MW Steel Wind Turbine Tower, *ENGINEERING STRUCTURES*, 25, 1097-1106.
- Mistakidis, E.S. & Baniotopoulos, C.C., 2003, Parametric Analysis of Axially Loaded RHS Gap K-Joints by means of 2-D and 3-D F.E.Models, *INTERNATIONAL JOURNAL OF SPACE STRUCTURES*, 18 (3), 139-155.
- Prinos P., Sofialidis D. and Keramaris E., 2003, Flow characteristics over and within a porous bed, *J. of Hydraulic Eng.*, ASCE, 129, 9, 720-734.
- R.P. Shaw and G.D. Manolis, Two Dimensional Heat Conduction in Graded Materials using Conformal Mapping, *Communications in Numerical Methods in Engineering*, Vol. 19, 215-221, 2003.
- Savvaidis P. and Tsotsos G., 2003, Identification of Unidentified Historical Sites in Macedonia with the Aid of a Comparison Ptolemy's and Present-Day Coordinates, *The Cartographic Journal*, Vol. 40, No. 3, 235-242.
- Sextos A., Kappos A., Pitilakis K., 2003, Inelastic dynamic analysis of RC bridges accounting for spatial variability of ground motion, site effects and soil-structure interaction phenomena – Part 2: Parametric analysis. *Earthquake Engineering & Structural Dynamics*, 32, 4, 629-652.

Sextos A., Ptilakis K., Kappos A., 2003, Inelastic dynamic analysis of RC bridges accounting for spatial variability of ground motion, site effects and soil-structure interaction phenomena – Part 1: Methodology and Analytical tools, Earthquake Engineering & Structural Dynamics, 32, 4, 607-627.

Sextos, A., Kappos, A., and Ptilakis K “Inelastic dynamic analysis of RC bridges accounting for spatial variability of ground motion, site effects and soil-structure interaction phenomena. Part 2: Parametric Study”, Earthquake Engineering and Structural Dynamics, Vol. 32, No. 4, 2003, pp. 629-652.

Sextos, A., Ptilakis, K. and Kappos, A. “Inelastic dynamic analysis of RC bridges accounting for spatial variability of ground motion, site effects and soil-structure interaction phenomena. Part 1: Methodology and analytical tools”, Earthquake Engineering and Structural Dynamics, Vol. 32, No. 4, 2003, pp.607-627.

Tsikaloudaki K., Aravantinos D., 2003, Daylight availability and direct illumination under clear sky conditions in Athens, Greece, Lighting Engineering Journal, 5, 12, 29-39.

Tsonos A., Papanikolaou K. “Post – earthquake repair and strengthening of R/C beam – column connections (theoretical and experimental investigations)”, New Zealand National Society Earthquake Engineering, January 2003.

TSONOS, A.G. and Papanikolaou, K.V., "Post-earthquake Repair and Strengthening of Reinforced Concrete Beam-Column Connections (Theoretical and Experimental Investigation)", Bulletin of the New Zealand Society for Earthquake Engineering, Vol. 36, No 2, June 2003, pp. 73-93.

V. CHRYSSANTHOU, N. MYLOPOULOS, D. TOLIKAS & Y. MYLOPOULOS, (2003), «Joint Simulation Modelling for the Water Resources Engineering Design in Kastoria Lake Basin, Greece», Water Resources Management, Vol. 17: pp 223-242.

Vamvakaris D.A., Papazachos C.B., Savvaidis P., Tziavos I.N., Karagianni E.E., Skordilis E.M., and Hatzidimitriou P.M., 2003, Stress-Field and Time-Variation of Active Crustal Deformation in the Mygdonia Basin Based on the Joined Interpretation of Seismological, Neotectonic and Geodetic Data, Geophysical Research Abstracts, Vol. 5, 08794.

Y. MYLOPOULOS, E. KOLOKYTHA & D. TOLIKAS (2003), “Urban Water Management in Greece. Present Conditions and Perspectives of Sustainability”, Water International, Vol. 28, No 1, pp 43-51.

Y. Mylopoulos, E. Kolokytha & D. Tolikas (2003), “Urban Water Management in Greece. Present Conditions and Perspectives of Sustainability”, Water International, Vol.28, No 1, pp.43-51, March 2003.

Κουτάντος Ε., Πρίνος Π., 2003, Αριθμητική και πειραματική μελέτη της τυρβώδους ροής με ελεύθερη επιφάνεια πάνω από εμπόδιο ημικυκλικής διατομής, Υδροτεχνικά, ΕΥΕ, 13, 65-78.

Κουτεντάκης Κ.Μ., Ζυγομαλάς Μ. & Μπανιωτόπουλος Χ., 2003, Φέρουσες κατασκευές Αλουμινίου: Βάσεις υπολογισμού στα πλαίσια του Ευρωκώδικα 9. ΚΤΙΡΙΟ Επιστημονική, Έκδοση Α-Β, 67-75

Παραμετρική αξιολόγηση αντισεισμικής επάρκειας απλών κτιρίων από άοπλη τοιχοποιία σχεδιασμένων κατά το Εθνικό Κείμενο Εφαρμογής του Ευρωκώδικα 6, Στυλιανίδης Κ. –Ιγνατάκης Χ.– Καρακατσάνης Γ., Τεχνικά Χρονικά, Επιστημονική Έκδοση Τ.Ε.Ε., Θέματα Πολιτικού Μηχανικού και Αγρονόμου – Τοπογράφου Μηχανικού, εγκρίθηκε για δημοσίευση, Αύγουστος 2003.

ΣΤΥΛΙΑΝΙΔΗΣ Κ., ΙΓΝΑΤΑΚΗΣ Χ., ΚΑΡΑΚΑΤΣΑΝΗΣ Γ., 2003, "Παραμετρική αξιολόγηση αντισεισμικής επάρκειας απλών κτιρίων από άοπλη τοιχοποιία σχεδιασμένων κατά το Εθνικό Κείμενο Εφαρμογής του Ευρωκώδικα 6", ΤΕΧΝΙΚΑ ΧΡΟΝΙΚΑ, ΕΠΙΣΤΗΜΟΝΙΚΗ ΕΚΔΟΣΗ ΤΕΕ, ΘΕΜΑΤΑ ΠΟΛΙΤΙΚΟΥ ΜΗΧΑΝΙΚΟΥ ΚΑΙ ΑΓΡΟΝΟΜΟΥ ΤΟΠΟΓΡΑΦΟΥ

ΤΣΩΝΟΣ, Α. Γ., "Εκτίμηση της Αποδοτικότητας της Ενίσχυσης Δομικών Στοιχείων από Ο/Σ με Σύνθετα Υλικά (FRP's)", Επιστημονική Έκδοση ΚΤΙΡΙΟ, Α-Β/2003, σελ. 123-130.

ΤΣΩΝΟΣ, Α. Γ., "Ενίσχυση Εξωτερικών Κόμβων Δοκού-Υποστυλώματος από Ο/Σ με Τοπικό Δίπλευρο ή Τρίπλευρο Μανδύα", Επιστημονική Έκδοση ΚΤΙΡΙΟ, Α-Β/2003, σελ. 105-114.

Χ. ΠΥΡΓΙΔΗΣ, «Light rail transit integration into urban areas», Rail Engineering International, No 1, 2003, pp 12-16

Χ. ΠΥΡΓΙΔΗΣ, «Μέθοδοι υπολογισμού της κυκλοφοριακής ικανότητας σιδηροδρομικής γραμμής-Συγκριτική παρουσίαση», Σιδηροτροχιά, Τεύχος 24, Ιούνιος 2003, σελ. 34-39

2004

A.K.C. Beresford, B.M. Gardner, A. Naniopoulos, S.J. Pettit, C.F. Wooldridge, "The UNCTAD and WORKPORT models of Port Development: Evolution or Revolution?", Maritime Policy and Management 31/2 (2004) 93-107 ISSN 0308-8839.

A. M. Athanatopoulou "Critical orientation of three correlated seismic components", 2004, Journal of Engineering Structures, 27, 2, 301-312.

Anagnostopoulos P., Minear R., 2004, Blockage effect on oscillatory flow past a fixed cylinder, Applied Ocean Research 26, 147-153.

Anagnostopoulos, A., C. and Stavridakis, I., E., 2004, "Development of Physical and Engineering Properties of Injected Sand with Latex –

Superplasticized Grouts". Electronic Journal of Geotechnical Engineering, Volume 9, Bundle A, pages 14.

Analytical Research of the Mechanical Characteristics of Old Brick Masonry, Ignatakis C. and Stylianidis K., Masonry International, Journal of the British Masonry Society, Vol. 17, No 2, Summer 2004, pp.53-65.

Apostolidis P., Raptakis D., Roumelioti Z., Pitilakis K., 2004, Determination of S-Wave velocity structure using microtremors and SPAC method applied in Thessaloniki (Greece). Soil Dynamics & Earthquake Engineering, 24, 1, 49-67.

Apostolidis P., Raptakis D., Roumelioti Z., Pitilakis K., 2004, Determination of S-Wave velocity structure using microtremors and SPAC method applied in Thessaloniki (Greece). Soil Dynamics & Earthquake Engineering, 24, 1, 49-67.

Arfib B., Ganoulis J., 2004, Physical modelling of seawater intrusion within a karst aquifer: The case study of the Almyros of Heraklion, Crete, C. R. Geoscience, 336, 999-1006.

Baxevanis T. and Charalambakis N., 2004, The role of material non-homogeneities on the formation and evolution of strain non-uniformities in thermoviscoplastic shearing, Quarterly of Applied Mathematics, 62 (1), 97-914

CH. PYRGIDIS, "Il comportamento trasversale dei carrelli per veicoli tranviari", Ingegneria Ferroviaria, Ottobre 2004, No 10, Roma, pp837-847

CH. PYRGIDIS, A. STATHOPOULOS, "The new light rail transit system of Athens, Greece", Rail Engineering International, No 4, 2004, pp6-10

Charalambakis N. and Baxevanis T., 2004, Adiabatic shearing of non-homogeneous thermoviscoplastic materials, International Journal of Plasticity, 20 (4-5), 899-914

D.G. Talaslidis, G.D. Manolis, E. Paraskevopoulos, C. Panayiotopoulos, N. Pelekasis and J.A. Tsamopoulos, Risk Analysis of Industrial Structures under Extreme Transient Loads, Soil Dynamics and Earthquake Engineering, Vol. 24, No. 6, 435-448, 2004.

Discussion by TSONOS, A.G., "General Analytical Model for Nominal Shear Stress of Type 2 Normal – and High – Strength Concrete Beam-Column Joints", Paper by Sayed A. Attaalla. (Disc. 101-S08/From the Jan.-Feb. 2004 ACI Structural Journal, p. 65), ACI Structural Journal, Vol. 101, No 6, Nov.-Dec. 2004, pp. 881-883.

E. Kolokytha, Mylopoulos N. (2004), Evaluating demand management aspects of urban water policy. The city of Volos case, Greece, Water, Air & Soil Pollution: Focus, Vol.4, Issue 4-5, October 2004, pp.263-277.

G.D. Manolis, P.S. Dineva and T.V. Rangelov, Wave Scattering by Cracks in Inhomogeneous Continua using BIEM, International Journal of Solids and Structures, Vol. 41, No. 14, 3905-3927, 2004.

Kappos, A.J. and Panagopoulos, G. "Performance-based seismic design of 3D R/C buildings using inelastic static and dynamic analysis procedures", ISET Journal of Earthquake Technology, Special Issue: Performance-Based Seismic Design (Edited by MJN Priestley), Vol. 41, No. 1, Mar. 2004, pp. 141-158.

Kechagias E., Katsifarakis K.L., 2004, Planning water resources management in small islands. The case of Kalymnos, Greece, Water, Air & Soil Pollution: Focus (WAFO), 4, 4-5, 279-288.

Kiratzis A., Roumelioti Z., Benetatos Ch., Theodulidis N., Savvaidis A., Panou A., Tziavos I., Savvaidis P., Hatzigogos Th., Koutoupes S. and Karantonis G., 2004, SEISIMPACT-THES: Scenario earthquakes affecting the built environment of the prefecture of Thessaloniki, Bulletin of the Geological Society of Greece, Vol. XXXVI (3), 1412 – 1421.

Komninos, N. (2004) 'Regional Intelligence: Distributed localized information systems for innovation and development', International Journal of Technology Management, Vol.28, No 3-4-5-6, 483-506.

Kourafalou V.H., Savvidis Y.G., Krestenitis Y.N. & Koutitas C.G., 2004, Modelling studies on the processes that influence matter transfer on the Gulf of Thermaikos (NW Aegean Sea), Continental Shelf Research, Vol. 24, Issue 2 pp. 203-222.

Koutoupes, S., Karantonis, G., Sotiriadis, A., Kiratzis, A., Valadaki, A., Savvaidis, A., Theodulidis, N., Tziavos, I., Savvaidis, P., and Doukas I., 2004, SEISIMPACT-THES: Design, development and application of an information system to assess the vulnerability to earthquake hazard of the built environment of the prefecture of Thessaloniki, Bulletin of the Geological Society of Greece, Vol. XXXVI (3), 1328 – 1336.

Koutoupes, S., Karantonis, G., Sotiriadis, A., Kiratzis, A., Valadaki, A., Savvaidis, A., Theodulidis, N., Tziavos, I.N., Savvaidis, P., and Doukas, I.D.: SEISIMPACT-THES: Design, development and application of an information system to assess the vulnerability to earthquake hazard of the built environment of the prefecture of Thessaloniki, Bulletin of the Geological Society of Greece, Vol. XXXVI (3), pp. 1328 – 1336, 2004 (in Greek).

Mechanical Characteristics of Virgin and Strengthened Old Brick Masonry – Experimental Research, Stylianidis K. and Ignatakis C., Masonry International, Journal of British Masonry Society, Vol. 17, No 1, Spring 2004, pp.9-17.

N. ATHANASIADIS, A. K. MENTES, P. A. MITKAS, Y.A. MYLOPOULOS, (2004) "A hybrid agent-based model for estimating residential water demand", Simulation: Transactions of the Society for Modelling and Simulation International, (accepted for publication)

N. Charalambakis and Th. Baxevanis, Adiabatic shearing of non-homogeneous thermoviscoplastic materials, International Journal of Plasticity, 20 (4-5), pp 899-914, 2004.

N. MYLOPOULOS, D. TOLIKAS, N. VERANIS & Y. MYLOPOULOS, (2004), « Hydrogeological framework and modeling in the aquifers of the Koronia lake sub basin, Greece”, “Water Resources Management, (accepted for publication)

N. MYLOPOULOS, Y. MYLOPOULOS, E. KOLOKYTHA, TOLIKAS D. (2004), “ Alternative management plans for the restoration of Lake Koronia, Greece», Water International, (accepted for publication).

N. Mylopoulos, Y. Mylopoulos, E. Kolokytha, Tolikas D. (2004), Alternative management plans for the restoration of Lake Koronia, Greece, Water International, IWRA, (accepted for publication).

Nanoussis, N. & Baniotopoulos, C.C., 2004, Application of the Component Method to the Design of Connections in Structural Steelwork, KTIRIO – Scientific Edition, A-B, 51-60.

P.S. Dineva, G.D. Manolis and T.V. Rangelov, Transient Seismic Wave Propagation in a Multilayered Cracked Geological Region, Journal of Sound and Vibration, Vol. 273(1-2), 1-32, 2004.

Pitilakis K., Makropoulos K., Bernard P., Lemeille Fr., Lyon-Caen H., Berge-Thierry C., Tika Th., Manakou M., Diagourtas D., Raptakis D., Kallioglou P., Makra K., Pitilakis D., Bonilla F., 2004, The Corinth Gulf Soft Soil Array (CORSSA) to study site effects, Comptes Rendus Geosciences, 336, 353-365.

Pitilakis K., Makropoulos K., Bernard P., Lemeille Fr., Lyon-Caen H., Berge-Thierry C., Tika Th., Manakou M., Diagourtas D., Raptakis D., Kallioglou P., Makra K., Pitilakis D., Bonilla F., 2004, The Corinth Gulf Soft Soil Array (CORSSA) to study site effects, Comptes Rendus Geosciences, 336, 353-365.

Pitilakis, K., Makropoulos, K., Bernard, P., Lemeille, Fr., Lyon-Caen, H., Berge-Thierry, C., Tika Th., Manakou, M., Diagoutras, D., Raptakis, D., Kallioglou, P., Makra, K., Pitilakis, D., Bonilla, f., 2004, The Corinth Gulf Soft Soil Array , CORSSA, to study site effects. C.R., Geoscience 336, pp. 353-365.

Raptakis D., Makra K., Anastasiadis A., Pitilakis K., 2004, Complex site effects in Thessaloniki (Greece) – I: Soil structure and confrontation of observations with 1D analysis, Bulletin of Earthquake Engineering, 2, 3, 271-290.

Raptakis D., Makra K., Anastasiadis A., Pitilakis K., 2004, Complex site effects in Thessaloniki (Greece) – I: Soil structure and confrontation of

observations with 1D analysis, *Bulletin of Earthquake Engineering*, 2, 3, 271-290.

Raptakis D., Makra K., Anastasiadis A., Pitilakis K., 2004, Complex site effects in Thessaloniki (Greece) – II: 2D SH modeling and engineering insights, *Bulletin of Earthquake Engineering*, 2, 3, 301-327.

Raptakis D., Makra K., Anastasiadis A., Pitilakis K., 2004, Complex site effects in Thessaloniki (Greece) – II: 2D SH modeling and engineering insights, *Bulletin of Earthquake Engineering*, 2, 3, 301-327.

Savvaidis A., Theodulidis N., Dimitriou P., Kiratzi A., Savvaidis P., Tziavos I., Karantonis G., and Koutoupes S., 2004, SEISIMPACT-THES: A project leading to a re-appraisal of the environmental and economic impact of the 1978 earthquake (mw 6.5) to the city of Thessaloniki (Greece), 1st General Assembly, European Geosciences Union, Nice, France, and Geophysical Research Abstracts, Vol. 6, 07792.

Savvaidis P., Doukas I., Hatzigogos Th., Tziavos I.N., Kiratzi A., Roumelioti Z., Savvaidis A., Theodulidis N., Drakatos G., Koutoupes S., Karantonis G., Sotiriadis A., 2004, Database development and evaluation of earthquake damage reports under the SEISIMPACT-THES system, *Bulletin of the Geological Society of Greece*, Vol. XXXVI (3), 1509 - 1518.

Savvaidis P., Ifadis I., Doukas I., Lakakis K., Petridou – Chrisohoidou N., 2004, Calibrating Geodetic Instruments, *GEOinformatics vol.5*, pp 18-21 (τρίσηλο).

Savvaidis P., Ifadis I., Doukas I., Petridou-Chrysohoidou N., and Lakakis K., 2004, Calibrating Geodetic Instruments, *Geoinformatics*, (invited paper), Vol. 7, October/November, 18-21.

Savvaidis, P., Doukas, I.D., Hatzigogos, Th., Tziavos, I.N., Kiratzi, A., Roumelioti, Z., Savvaidis, A., Theodulidis, N., Drakatos, G., Koutoupes, S., Karantonis, G., and Sotiriadis, A.: Database development and evaluation of earthquake damage reports under the SEISIMPACT-THES system, *Bulletin of the Geological Society of Greece*, Vol. XXXVI (3), 1509 - 1518, 2004.

Savvaidis, P., Ifadis, I., Doukas, I.D., Petridou-Chrysohoidou, N., and Lakakis, K.: Calibrating Geodetic Instruments, *Geoinformatics*, (invited paper), Vol. 7, October/November, 18-21, 2004.

Th. Baxevanis and N. Charalambakis, The role of material non-homogeneities on the formation and evolution of strain non-uniformities in thermoviscoplastic shearing, *Quarterly of Applied Mathematics*, 62 (1), pp. 97-116, 2004.

Theodossiou, N., 2004, Application of non-linear simulation and optimization models in groundwater aquifer management, *Water Resources Management*, 18, 125-141.

TSONOS, A.G., "Improvement of the Earthquake Resistance of R/C Beam-Column Joints under the influence of P-Δ effect and Axial Force Variations

using Inclined Bars", Structural Engineering and Mechanics, An International Journal, Vol. 18, No 4(2004), pp. 389-410.

Υ. Α. ΜΥΛΟΠΟΥΛΟΣ, Α. Κ. ΜΕΝΤΕΣ, Ι. ΘΕΟΔΟΣΣΙΟΥ, (2004) "Modeling Residential water demand Using Household Data: A Cubic approach" Water International, Vol 29, | No1,pp.105-113

Υ. ΜΥΛΟΠΟΥΛΟΣ, Α. ΜΕΝΤΕΣ & Ι. ΘΕΟΔΟΣΣΙΟΥ, (2004), « Modeling Residential Water Demand Using Household Data: A Cubic Approach», Water International, Vol. 29, No 1, pp 105-113.

Βασάλος, Ι., Κελεσιδης, Β., Κομνηνός Ν. (2004) 'Πόλος Καινοτομίας Θεσσαλονίκης. Ένα πρότυπο έργο ανάπτυξης των ελληνικών περιφερειών', Τόπος - Επιθεώρηση Αστικών και Περιφερειακών Μελετών, Νο 22-23, 233-245.

Γραμματικόπουλος Ι., Αναγνωστόπουλος Κ., Σταυριδάκης Ε., 2004, "Εκτίμηση της επιτρεπόμενης τάσης εδαφικής ιλυοαμμώδους στρώσης στις δυτικές παραποτάμιες περιοχές της παράκτιας ζώνης του νομού Θεσσαλονίκης" Περιοδικό "Ορυκτός Πλούτος" Τεύχος 133. pp27-34.

Δημάδη Α. και Μελαδιώτης Ι., 2004, Χρήση του λογισμικού Eraso για τον εντοπισμό θέσεων ανόρυξης παραγωγικών υδρογεωτρήσεων στους υπεδαφικούς βραχώδεις σχηματισμούς της δυτικής περιμετρικής ζώνης της Λεκάνης Σαριγκιόλ, Μεταλλειολογικά-Μεταλλουργικά Χρονικά, Τομ.14, σελ.33-44

Κουτάντος Ε., Πρίνος Π., Κουτίτας Χ., 2004, Τυρβώδης ροή με ανακυκλοφορία σε βυθοκορημένη υφαλαύλακα, Τεχνικά Χρονικά, 2-3, 85-96.

Χ. ΠΥΡΓΙΔΗΣ , «Εκτίμηση και σύγκριση του χρόνου μεταφοράς με όλα τα επιβατικά μέσα στη διαδρομή Θεσσαλονίκη –Αθήνα», Θεσσαλονικέων Πόλις, Τεύχος 16, Δεκέμβριος 2004, σελ. 104-115

Χ. ΠΥΡΓΙΔΗΣ, " Η λειτουργία προαστιακού σιδηροδρόμου στην Κεντρική Μακεδονία", Θεσσαλονικέων Πόλις, Τεύχος 13, Ιανουάριος-Μάρτιος 2004, σελ. 154 - 185

Χ. ΠΥΡΓΙΔΗΣ, «Διέλευση σιδηροδρομικής γραμμής υψηλών ταχυτήτων κάτω από τεχνικά έργα-Υπολογισμός ελάχιστου ελεύθερου ύψους», Τεχνικά Χρονικά, Τόμος 24, Τεύχος 1-3, Ιανουάριος -Δεκέμβριος 2004, σελίδες 75-80.

Χ. ΠΥΡΓΙΔΗΣ, Δ.ΠΟΛΙΤΟΥ ,«Αναδιοργάνωση των σιδηροδρομικών μεταφορών σε ευρωπαϊκό επίπεδο –Νομοθετικές προτάσεις και ρυθμίσεις για τις εμπορευματικές μεταφορές»,Logistics and Management ,Τεύχος 27,Μάρτιος-Απρίλιος 2004,Αθήνα,σελ. 24-25

Χ. ΠΥΡΓΙΔΗΣ, Δ.ΠΟΛΙΤΟΥ ,«Άρση του cabotage στο σιδηρόδρομο. Αναδιάρθρωση των σιδηροδρομικών εμπορευματικών υπηρεσιών σε ευρωπαϊκό επίπεδο εντός της διετίας 2006-2008»,Logistics and Management ,Τεύχος 27,Μάιος-Ιούνιος 2004,Αθήνα,σελ. 70-71

2005

Ambient noise horizontal-to-vertical spectral ratio in site effects estimation and correlation with seismic damage distribution in urban environment: the case of the city of Thessaloniki (Northern Greece), Panou A.A. - Theodulidis N. - Hatzidimitriou P. - Stylianidis K. - Papazachos C.B., Soil Dynamics and Earthquake Engineering, Volume 25, Issue 4, June 2005, 261-274.

Anagnostopoulou G., Katsifarakis K.L., Koutitas C., 2005, Use of genetic algorithms and computational models in planning of oil slick combating networks, Journal of Marine Environmental Engineering, 8, 171-180.

Antoniades, K.A., Salonikios, T.N. and Kappos, A.J., "Tests on seismically damaged R/C walls repaired and strengthened using FRP's", Journal of Composites for Construction, ASCE, Vol. 9, No. 3, May-June 2005, pp. 236-246.

Apostolidis P., Raptakis D., Pandi K., Manakou M., Pitilakis K., 2005, Definition of subsoil structure and preliminary ground response in Aigion city (Greece) using microtremor and earthquakes, Soil Dynamics and Earthquake Engineering, 26, 922 – 940.

Apostolidis P., Raptakis D., Pandi K., Manakou M., Pitilakis K., 2005, Definition of subsoil structure and preliminary ground response in Aigion city (Greece) using microtremor and earthquakes, Soil Dynamics and Earthquake Engineering, 26, 922 – 940.

Baniotopoulos, C.C., Haslinger, J. & Moravkova, Z., 2005, Mathematical Modeling of Delamination and Nonmonotone Friction Problems by Hemivariational Inequalities, APPLICATIONS OF MATHEMATICS, 50 (1), 1-25.

Bisbos C.D., Makrodimitropoulos A., Pardalos P.M., 2005, Second-Order Cone Programming Approaches to Static Shakedown Analysis in Steel Plasticity, Optimization Methods and Software, 20, 1, 25-52.

Chatzigeorgiou G. and Charalambakis N., 2005, Instability analysis of non-homogeneous materials under biaxial loading, International Journal of Plasticity, 21, 1970-1999

G. Chatzigeorgiou and N. Charalambakis, Instability analysis of non-homogeneous materials under biaxial loading, International Journal of Plasticity, 21, pp 1970-1999, 2005.

Har. Xenidis, Triant. Makarios and As. Athanatopoulou, 2005, "The Properties of the Optimum Torsion Axis In Asymmetric Multi-storey Buildings", Tech. Chron. Sci. J. TCG, I, No 2-3, pp 99-112 (in Greek).

K. Baganas, A. Charalambopoulos and G.D. Manolis, Detection of Spherical Inclusions in a Bounded Elastic Cylindrical Domain, Wave Motion, Vol. 41, 13-28, 2005.

Koftis, Th., Prinos, P., 2005, 2DV Hydrodynamics of a Catamaran-Shaped Floating Structure, *Isme Transactions*, Issue 7, 2, 1180-1189.

Koutandos E., Prinos P., Gironella X., 2005, Floating breakwaters under regular and irregular wave forcing-reflection and transmission characteristics, *Journal of Hydraulic Research*, IAHR, 2, 174-189.

Michalopoulos, A., Nikolaidis, Th., Stavroulakis, G.E. and Baniotopoulos, C.C., 2005, Passive Control of Bridges: The Double Cable Net Method, *Engineering Structures*, 27(13), 1835-1842.

Morfidis K. and Avramidis I.E., "Generalized beam-column finite element on two-parameter elastic foundation", *STRUCTURAL ENGINEERING AND MECHANICS*, Vo. 21, No.5, Nov. 2005, pp. 519-538.

Naniopoulos A., Palantzas G., Nalmpantis D., Theodosiou P. , "The Chain Management of Ship-Generated Waste and Cargo Residues in the Port of Thessaloniki", *Journal of Marine Environmental Engineering*, Vol. 7, 2005, Old City Publishing.

Papanikolaou K., Tegos I. Kappos A., 2005, Punching shear testing of reinforced concrete slabs, and design implications, *MAGAZINE OF CONCRETE RESEARCH*, 57

Papanikolaou, K.V., Tegos, I.A. and Kappos, A.J. "Punching shear testing of R/C slabs, and design implications", *Mag. of Concrete Research*, Vol. 57, No. 3, 2005, pp. 167-177.

Papanikolaou, K.V., Tegos, I.A. and Kappos, A.J. "Punching shear testing of R/C slabs, and design implications", *Mag. of Concrete Research*, Vol. 57, No. 3, 2005, pp. 167-177.

Papathanassiou G., Pavlides S., Christaras B., Pitilakis K., 2005, Liquefaction case histories and empirical relations of earthquake magnitude versus distance from the broader Aegean region. *Journal of Geodynamics*, 40, 2-3, 257–278.

Raptakis D., Manakou M., Chavez-Garcia F., Makra K., Pitilakis K., 2005, 3D configuration of Mygdonian basin and preliminary estimate of its site response, *Soil Dynamics and Earthquake Engineering*, 25, 871-887.

Raptakis D., Manakou M., Chavez-Garcia F., Makra K., Pitilakis K., 2005, 3D configuration of Mygdonian basin and preliminary estimate of its site response, *Soil Dynamics and Earthquake Engineering*, 25, 871-887.

Savvidis Y.G., Koutitas C.G. & Krestenitis Y.N., 2005, Modelling the water mass exchange through navigational channels connecting adjacent basins – application to the Channel of Potidea (North Aegean Sea), *Annales Geophysicae*, 23, pp. 231-238.

Seitanis S.A., Anagnostopoulos P., Bearman P.W., 2005, An experimental study of the in-line oscillations of a closely spaced row of cylinders in cross-flow, *Journal of Fluids and Structures* 21, 211-226.

Semblat J.F., Kham M., Parara E., Bard P.Y., Pitilakis K., Makra K., Raptakis D., 2005, Seismic Wave Amplification: Basin Geometry vs Soil Layering, *Journal of Soil Dynamics and Earthquake Engineering*, 25, 7-10, 529-538.

Semblat J.F., Kham M., Parara E., Bard P.Y., Pitilakis K., Makra K., Raptakis D., 2005, Seismic Wave Amplification: Basin Geometry vs Soil Layering, *Journal of Soil Dynamics and Earthquake Engineering*, 25, 7-10, 529-538.

Stavridakis I. E., 2005, "A proposed classification of anisotropic engineering behaviour of cement treated clayey mixtures related to their strength and durability" *Electronic Journal of Geotechnical, Engineering*, Volume 10, Bundle C, pages 22.

Stavridakis I. E., 2005, "Strengthening the soil engineering characteristics by using anchors during an earthquake impact" *Electronic Journal of Geotechnical, Engineering*, Volume 10, Bundle E, pages 17.

Stavridakis I. E., 2005, "A critical bound meeting the physical and engineering requirements for best cement stabilization effect of clayey – sand mixtures" *Electronic Journal of Geotechnical Engineering*, Volume 10, Bundle D, pages 18.

Stavridakis I., E., 2005, "Presentation and assessment of clay influence on engineering parameters of cement treated clayey mixtures". *Electronic Journal of Geotechnical Engineering*, Volume 10, Bundle A, pages 20.

Stavridakis, I., E., 2005, "Evaluation of engineering and cement – stabilization parameters of clayey – sand mixtures under soaked conditions". *Geotechnical and Geological Engineering*, an International Journal, Published by Springer formerly Kluwer Academic Publishers, Netherlands, Vol.23, No. 6, pp635-655.

Stavroulakis, G.E., Foutsitzi, G., Hadjigeorgiou, E., Marinova, D. & Baniotopoulos, C.C., 2005, Design and Robust Optimal Control of Smart Beams with Application on Vibration Suppression, *Advances in Engineering Software*, 36, 806-813.

T.V. Rangelov, G.D. Manolis and P.S. Dineva, Elastodynamic Fundamental Solutions for Certain Families of 2D Inhomogeneous Anisotropic Domains: Basic Derivations, *European Journal of Mechanics: A/Solids*, Vol. 24, 820-836, 2005.

Tsikaloudaki K., 2005, A study on integrating efficient shading devices in office buildings, *Lighting Engineering Journal*, 7, 15, 33-39.

Tsikaloudaki K., 2005, A study on luminous efficacy of global radiation in Greece, *Renewable Energy*, 30, 4, 551-563.

Y. Mylopoulos , E. Kolokytha , E. Kambragou, D. Vagiona (2005), A Combined Methodology For Transboundary River Basin Management In Europe. Application In The Nestos-Mesta Catchment Area, Water Resources Management (accepted for publication).

Y. MYLOPOULOS , E. KOLOKYTHA , E. KAMBRAGOU, D. VAGIONA (2005),” A European Approach, Supporting Public Participation, For The Transboundary River Basin Management Across The Further Iron Curtain Zone. The Balkan Nestos-Mesta Case study”, Water Resources Management, (accepted for publication).

2006

‘Site-dependent design spectra and strength modification factors, based on records from Greece’ Karakostas,C.J., Athanassiadou, C.J., Kappos, A.J. and Lekidis, V.A., Soil Dynamics & Earthquake Engineering, paper No. 3067 (2006)

‘Εκτίμηση φορτίων διατομής για την προδιαστασιολόγηση και τον έλεγχο της ανάλυσης των δομικών στοιχείων πολυωρόφων κτιρίων από Ο/Σ’, Αθανασιάδου, Χ. και Τσώνος, Α.-Δ., δεκτή για δημοσίευση στο περιοδικό ΚΤΙΡΙΟ, Επιστημονική Έκδοση (2006)

A.M. Athanatopoulou, I.N. Doudoumis, “Principal Directions Under Lateral Loading in Multi-storey Asymmetric Buildings”, The Structural Design of Tall and Special Buildings, accepted for publication (2006).

Asimina Athanatopoulou, Triantafyllos Makarios, Kyriakos Anastassiadis, 2006, “Elastic earthquake analysis of isotropic asymmetric multistory buildings”, The Structural Design of Tall and Special Buildings, 15, 4, 417-443.

Avramidis I. E. and Morfidis K., “Bending of beams on three-parameter elastic foundation”, INTERNATIONAL JOURNAL OF SOLIDS AND STRUCTURES, 43, 2006, 357-375.

Baniotopoulos C.C. & Chatzinikos K., 2006, Design of Aluminium Curtain-Walls within a Eurocode 9 Framework, ALUMINIUM (in Greek), 3, 106-115

Betti M., Stavroulakis G.E. and Baniotopoulos, C.C., 2006, Dynamic Control of Smart Beams under Stochastic Excitation Load, PROBABILISTIC ENGINEERING MECHANICS (submitted)

Bisbos C.D., 2006, Linear Matrix Inequality Representations of the Mohr-Coulomb and Tresca Failure Criteria with Applications in Shakedown Analysis, Journal of the Mechanical Behavior of Materials, 17, 4, 253-268.

Charalambakis N. and Murat F., 2006, Approximation by finite elements, existence and uniqueness for a model of stratified thermoviscoplastic materials, Ricerche di Matematica, 55 (2), 171-218

Charalambakis N. and Murat F., 2006, Homogenization of stratified thermoviscoplastic materials, Quarterly of Applied Mathematics, 64, 359-399

Chatzigeorgiou G., Charalambakis N. and Kalpakides V., 2006, Biaxial loading of continuously graded thermoviscoplastic materials, Computational Mechanics, 39 (4), 335-355

Chatzigeorgiou G., Charalambakis N. and Kalpakides V., 2006, Variational arguments and Noether's theorem of the non-linear continuum theory of dislocations, International Journal of Engineering Science, 44, 501-512

Chatzigeorgiou G., Kalpakides V. and Charalambakis N., 2006, Biaxial loading of continuously graded thermoviscoplastic materials, Computational Mechanics, 39 (4), 335-355

Chintiroglou C., Antoniadou C. & Krestenitis Y., 2006, Can POLYCHAETES be used as a surrogate group in assessing ecological quality of soft substratum communities (NE Thermaikos Gulf ?), Fresenius Environmental Bulletin, Vol. 15, No. 2, pp. 1199 – 1207.

Dolce, M., Kappos, A., Masi, A., Penelis, Gr. and Vona, M. "Vulnerability assessment and earthquake damage scenarios of the building stock of Potenza (Southern Italy) using italian and greek methodologies", Engineering Structures, V. 28, No. 3, Feb. 2006, pp. 357-371.

Doudoumis I.N., Athanatopoulou A.M. (2006): "Invariant torsion properties in multistorey asymmetric buildings", Struct. Design Tall Spec. Buildings (under publication, Copyright 2006, DOI:10.1002/tal.320).

E.Efthimiou, M.Zygomalas & C.C.Baniotopoulos, 2006, On the Structural Response of Aluminium T-stub joints under tension, TRANSACTIONS OF FAMENA, 1, 45-58

Efthymiou E., Zygomalas M. & Baniotopoulos C.C., 2006, On the Structural Response of Aluminium T-stub Joints under Tension, Transactions of FAMENA, 30 (1), 45-58

ELEFThERiADOU E., MYLOPOULOS Y. (2006), "A Methodological Framework Supporting Transboundary Water Agreements: The Case of the Nestos/Mesta River Basin", Water Policy (accepted for publication)

G. Chatzigeorgiou, N. Charalambakis and V. Kalpakides, Biaxial loading of continuously graded thermoviscoplastic materials, Computational Mechanics 39 (4), pp. 335-355, 2006.

G. Chatzigeorgiou, N. Charalambakis and V. Kalpakides, Variational arguments and Noether's theorem of the non-linear continuum theory of dislocations, International Journal of Engineering Science, 44, pp 501-512, 2006.

G.D. Manolis and T.V. Rangelov, Nonhomogeneous Elastic Waves in Soils: Notes on the Vector Decomposition Technique, Soil Dynamics and Earthquake Engineering, Vol. 26, No. 10, 952-957, 2006.

- I.N. Doudoumis, A.M. Athanatopoulou, “Invariant torsion properties of multistory asymmetric buildings”, The Structural Design of Tall and Special Buildings, accepted for publication (2006).
- K. Baganas, B.B. Guzina, A. Charalambopoulos and G.D. Manolis, A Linear Sampling Method for the Transmission Problem in Near-Field Inverse Problems in Elastodynamics, Inverse Problems Journal, Vol. 22, 1835-1853, 2006.
- K.LYMBERIS,C.PYRGIDIS,A.LAMBROPOULOS, “L´ utilizzo delle rotaie leggere per binario a scartamento metrico.Un approccio teorico all´ impiego in curva di piccolo raggio ”, Ingegneria Ferroviaria, Mars 2006, No 3, Roma, pp 211-222
- KAMPRAOY E., ELEFTHERIADOY E., MYLOPOYLOS Y., (2006), « Implementing Equitable Water Allocation in Transboundary Catchments:The Case of River Nestos/Mesta», Water Resources Management, Special Issue of 6th International Conference, European Water Resources Association (accepted for publication)
- Kappos, A. J., Panagopoulos, G., Panagiotopoulos, Ch. and Penelis, Gr. “A hybrid method for the vulnerability assessment of R/C and URM buildings”, Bull. of Earthquake Engineering, V. 4, No. 4, 2006, 391-413.
- Kappos, A.J., Panagopoulos, G., and Penelis, Gr. “Development of a seismic damage and loss scenario for contemporary and historical buildings in Thessaloniki”, υποβλήθηκε στο Soil Dynamics & Earthquake Engineering, Σεπ. 2006.
- Katsifarakis K.L., Petala Z., 2006, Combining genetic algorithms and boundary elements to optimize coastal aquifers'management, J. of Hydrology, 327, 1-2, 200-207.
- Katsifarakis K.L., Tselepidou K., Konstantakos N., Stamati D., Mpletsa E., Tzanakis I., 2006, Optimization of low enthalpy geothermal heating schemes by means of genetic algorithms, International Journal of Sustainable Development and Planning, 1, 4, 429-442.
- Koftis, Th., Prinos, P., Koutandos, E., 2006, 2D-V Hydrodynamics of Wave-Floating Breakwater Interaction, Journal of Hydraulic Research, IAHR, 44 (4), 451-469.
- Komninos N., (2006) ‘Intelligent by Design: Technology and intelligent cities in Saudi Arabia’, Think: Global Issues in Perspective, No 9, 6-13.
- Lavassas, I., Zervas P., Nikolaidis, G. & Baniotopoulos, C.C., 2006, Repair of Petroleum Steel Tank exhibiting Large Deformations Due to Soil Settlement (in Greek), METAL STRUCTURES, 4-2006, 44-50
- Michalopoulos, A., Nikolaidis, Th., Stavroulakis, G.E. and Baniotopoulos, C.C., 2006, On the Buckling of Fibre-Bundle Type Beams, JORDAN JOURNAL OF CIVIL ENGINEERING, 1(1), 83-99.

N. Charalambakis and F. Murat, Approximation by finite elements, existence and uniqueness for a model of stratified thermoviscoplastic materials, *Ricerche di Matematica*, 55 (2), pp 171-218, 2006.

N. Charalambakis and F. Murat, Homogenization of stratified thermoviscoplastic materials, *Quarterly of Applied Mathematics*, 64, pp 359-399, 2006.

N.DEMIRIDIS , CH. PYRGIDIS, "The reform of Greek State Railways (OSE) and the impact on track maintenance", *Rail Engineering International*, No 2 , 2006,pp11-16

P.S. Dineva, G.D. Manolis and T.V. Rangelov, Sub-surface Crack in an Inhomogeneous Half-plane: Wave Scattering Phenomena by BEM, *Engineering Analysis with Boundary Elements*, Vol. 30, No. 5, 350-362, 2006.

Paraskeva, Th., Kappos, A.J., and Sextos, A.G., "Extension of modal pushover analysis to seismic assessment of bridges", *Earthquake Engineering & Structural Dynamics*, V. 35, No. 10, Aug. 2006, 1269-1293.

Pitilakis K., Alexoudi M., Argyroudis S., Monge O., Martin C., 2006, Earthquake risk assessment of lifelines, *Bulletin of Earthquake Engineering*, 4, 4, 365-390.

SHEAR STRENGTH OF REINFORCED CONCRETE T-BEAMS I. P. Zararis, M. K. Karaveziroglou and P. D. Zararis , *ACI Structural Journal*, Vol. 103, No. 5, September-October 2006

-Stavridakis I. E., 2006, "Effect of curing time and non-homogeneity of clay materials on engineering behaviour of clayey soils stabilized by cement" *Περιοδικό "Ορυκτός Πλούτος"*, Τεύχος 139, Απρίλιος-Ιούνιος,pp41-57.

Stavridakis I. E., 2006, "A solution to the problem of predicting the suitability of silty - clayey materials for cement - stabilization". *Geotechnical and Geological Engineering*, an International Journal, Published by Springer formerly Kluwer Academic Publishers, Netherlands, Vol.24, No.2,pp379-398.

Stavridakis I. E., 2006, "Presentation and Assessment of Anisotropic Engineering Behaviour of Compacted Cement Treated Clayey Mixtures" *Περιοδικό "Ορυκτός Πλούτος"*, Τεύχος 138, Ιανουάριος-Μάρτιος, pp9-22.

Stavridakis, I. E., 2006, "Effect of curing time and bentonite content on the quantitative evaluation of engineering behaviour of cement treated clayey mixtures under soaked conditions" *Electronic Journal of Geotechnical Engineering*, Vol.11, Bundle A, Pages 17.

Stavroulakis, G.E., Marinova, D.G., Hadjigeorgiou, E., Foutsitzi, G. & Baniotopoulos, C.C., 2006, Robust Active Control Against Wind-Induced Structural Vibrations, *JOURNAL OF WIND ENGINEERING AND INDUSTRIAL AERODYNAMICS*, 94, 895-907

Triantafyllos Makarios, Asimina Athanatopoulou, Chariton Xenidis, 2006, "Numerical Verification of Properties of Fictitious Elastic Axis To Asymmetric Multistorey Buildings", The Structural Design of Tall and Special Buildings, 15, 3, 249-276.

Υ. ΜΥΛΟΠΟΥΛΟΣ, Ε. ΚΟΛΟΚΥΘΑ (2006), "Integrated water management in shared water resources. The EU Water Framework Directive implementation in Greece" Physics and Chemistry of the Earth, Elsevier, (accepted for publication).

Γ. ΜΥΛΟΠΟΥΛΟΣ, Ε. ΚΟΛΟΚΥΘΑ, Ε. ΕΛΕΥΘΕΡΙΑΔΟΥ (2006), "Η Διαχείριση Των Διακρατικών Λεκανών Στην Ευρωπαϊκή Οδηγία Πλαισίου Για Το Νερό: Υλοποιώντας Τις Αρχές Της Υδροδιπλωματίας", Ειδική έκδοση για την Οδηγία 2000/60, Υδροτεχνικά, ΕΥΕ, σελ. 54-65

Γ. Μυλοπουλος, Ε. Κολοκυθα, Ε. Ελευθεριαδου (2006), Η Διαχείριση Των Διακρατικών Λεκανών Στην Ευρωπαϊκή Οδηγία Πλαισίου Για Το Νερό: Υλοποιώντας Τις Αρχές Της Υδροδιπλωματίας, Ειδική έκδοση για την Οδηγία 2000/60, Υδροτεχνικά, ΕΥΕ, σελ. 54-65

Κατσιφάρκης Κ.Λ., 2006, Ελαχιστοποίηση κόστους άντλησης σε υδροφορέα με 2 ζώνες διαφορετικής μεταφορικότητας, Υδροτεχνικά, 16, 83-90.

Κεραμάρης Ε. Πρίνος Π., 2006, Μέτρηση της παροχής με διαπερατούς εκχειλιστές παχιάς στέψης, Υδροτεχνικά, ΕΥΕ, τόμος 16, 73-82.

Όρια συγκέντρωσης και αδρανοποίηση των τοξικών ρύπων για περιβαλλοντικά αποδεκτούς τρόπους διάθεσης ιλύος Εγκαταστάσεων Επεξεργασίας Λυμάτων – Ευθ. Νταρακάς – Τεχνικά Χρονικά, Ηλεκτρονική έκδοση, Τεύχος 4ο, 2006

ΤΣΩΝΟΣ, Α. Γ., "Εξέταση της Αποδοτικότητας των Μανδύων Ο/Σ κλειστού και ανοικτού τύπου στην ενίσχυση Υποστυλωμάτων και Κόμβων από Ο/Σ (Μέρος 1ο – Μετασεισμική Ενίσχυση)", Επιστημονική Έκδοση ΚΤΙΡΙΟ, Α-Β/2005-2006, σελ. 79-88.

ΤΣΩΝΟΣ, Α. Γ., "Εξέταση της Αποδοτικότητας των Μανδύων Ο/Σ κλειστού και ανοικτού τύπου στην ενίσχυση Υποστυλωμάτων και Κόμβων από Ο/Σ (Μέρος 2ο – Προσεισμική Ενίσχυση - Συγκρίσεις αποδοτικότητας προσεισμικής και μετασεισμικής ενίσχυσης)", Επιστημονική Έκδοση ΚΤΙΡΙΟ, Α-Β/2005-2006, σελ. 89-102.

ΤΣΩΝΟΣ, Α. Γ., "Σεισμική Συμπεριφορά πλαισιακών Υποσυνόλων σύγχρονων αντισεισμικών κατασκευών από Ο/Σ", Επιστημονική Έκδοση ΚΤΙΡΙΟ, Α-Β/2005-2006, σελ. 73-78.

Χ.ΠΥΡΓΙΔΗΣ, Μ. ΠΕΤΡΙΔΟΥ, «Εκτίμηση της κυκλοφοριακής ικανότητας του σιδηροδρομικού δικτύου της Βόρειας Ελλάδας», Ιστοσελίδα του περιοδικού Τεχνικά Χρονικά, Ιανουάριος – Φεβρουάριος 2006, σελίδες 36

Άρθρα σε πρακτικά συνεδρίων με κριτές

2001

‘Σεισμική συμπεριφορά πολυώρων κτιρίων Ο/Σ με προβλήματα κανονικότητας σε τομή’, Αθανασιάδου, Χ., Κάππος, Α., Πάνου-Παπαθεοδώρου Ε. και Χαλκίδου, Α., 2ο Ελληνικό Συνέδριο Αντισεισμικής Μηχανικής και Τεχνικής Σεισμολογίας, Θεσσαλονίκη, Νοέμ. 2001, Πρακτικά, Τομ. Β, σελ. 239-248

A MULTI-ARCHED POST-BYZANTINE BRIDGE IN GREECE M. Karaveziroglou-Weber, E. Karayianni, Proceedings of the 3rd International Conference on Arch Bridges, Paris 2001

A. Athanatopoulou, T. Makarios, K. Anastasiadis, «Dynamic seismic analysis of a special class of multistory buildings” 2nd Greek Conference of antiseismic mechanics and technical Seismology, Thessaloniki 2001, Vol. A, pp. 495-504 (in Greek).

A. Naniopoulos , “Accessible and usable for all transport telematic systems. The TELSCAN systems approach and main results”, TRANSED 2001 Conference, Warsaw, Poland, July 2001, Proceedings.

A. Naniopoulos, “Including Elderly and disabled in Intelligent Transport Systems development and application”, ITSC 2001 Conference, Oakland-California, U.S.A., August 2001, Proceedings.

A. Naniopoulos, M. Panou, “User Interfaces for training E&D drivers”, 1st International Conference on Universal Access in Human – Computer Interaction (UACHI), New Orleans, Louisiana, USA, August 2001, Proceedings.

A.J. Kappos, G.D. Manolis and I.F. Moshonas, Seismic Analysis and Design of R/C Bridge including SSI Effects, pp. 691-700 in Proceedings of the 3rd International Conference on Earthquake Resistant Engineering Structures (ERES 2001), edited by C.A. Brebbia and A. Corz, Malaga, Spain, September 4-6, 2001, WIT Press, Southampton, 2001.

Anagnostopoulos P., Avgitidis V., Katsonis, E., 2001, A wastewater treatment plant with the reed-bed technology, Proceedings of 1st International Conference on Water Resources Management, Halkidiki, Greece, 141-148.

Anagnostopoulos P., Koutras A., Seitani S., 2001, Numerical study of oscillatory flow past pairs of cylinders at low Reynolds and Keulegan-Carpenter numbers, Proceedings of 6th National Congress on Mechanics, Vol. 1, Thessaloniki, Greece, 66-71.

C.Z. Karakostas and G.D. Manolis, Some Basic Solutions to Dynamic Problems in Random Media, pp. 152 in the Book of Abstracts and pp. 280-288 in the Proceedings of the 6th National (Greek) Congress on Mechanics, Conference Chairmen: E.C. Aifantis and A.N. Kounadis, Thessaloniki, Greece, July 19-21, 2001, GG Publishers, Thessaloniki, Greece, 2001.

D. BOBORI, V. HRISSANTHOU, Y. MYLOPOULOS AND D. TOLIKAS, (2001), « Quantitative estimation of the water quality in Kastoria lake basin», Proc. of International Conference “Ecological Protection of the Planet Earth”, Eds. V. Tsihrintzis & P. Tsalides, Xanthi, Vol. I, p.p. 123-130

Dymiotis, C., Chryssanthopoulos, M.K, and Kappos, A.J. “Spatial Material Variability Effects in R/C Frames”, ICOSSAR '01, Newport Beach, Calif., June 2001, CD ROM Proceedings (Balkema), Paper No. 340.

E. Kriezis, Th. Karambas, P. Prinios and C. Koutitas, 2001, Interaction of floating Breakwaters with waves in shallow waters, Proc. of XXIX IAHR Congress, vol. E, pp. 69-76, Beijing, China.

Experiences of the cross-border cooperation between Greece and Bulgaria – The case of Nestos River - E. Papachristou, E. Darakas, A. Bellou - Restructuring Stability & Development in Southeastern Europe, Proceedings of an International Conference organized by SEED (The South & East European Development Center) and the University of Thessaly, Volos, June 2001

Ελπέκος Στ., Τίκα Θ. & Καράς, Β., 2001, Η παραμένουσα αντοχή φυσικών αργιλικών εδαφών. Πρακτικά 4ου Πανελληνίου Συνεδρίου ΓΕΩΤΕΧΝΙΚΗΣ & ΓΕΩΠΕΡΙΒΑΛΛΟΝΤΙΚΗΣ ΜΗΧΑΝΙΚΗΣ, Αθήνα, Τόμος 1, σελ. 57-64.

G.D. Manolis and C.Z. Karakostas, A BEM Approach to SH-Wave Motion in a Random Continuum, pp. 341-350 in Proceedings of the 23rd International Conference on the Boundary Element Method (BEM 23), Edited by D.E. Beskos, C.A. Brebbia, J.T. Katsikadelis and G.D. Manolis, Lemnos Island, Greece, May 7-9, 2001, WIT Press, Southampton, 2001.

G.D. Manolis, Wave Motion in Variable Density Materials, Extended Abstract, pp. 42-44 in the Book of Abstracts, 4th German-Greek-Polish Symposium on Advances in Mechanics, Conference Chairman: W. Kurnik, Pultusk, Poland, September 18-22, 2001, Warsaw University of Technology Publication, Warsaw, 2001.

G.GIANNOPOULOS, CH. PYRGIDIS, “The prospects for the development of the southeast section of rail Corridor IX”, Ανακοίνωση στο International Conference on Cost Effective Infrastructure and systems to improve cargo and passenger transport in S.E. Europe, Βουδαπέστη, 17-19 Οκτωβρίου 2001, Πρακτικά Συνεδρίου

G.GIANNOPOULOS, CH.PYRGIDIS, “The prospects for the development of rail axis IX and X :An exercise in international co-operation”, Ανακοίνωση στο 8th Scientific Conference MOBILITA 2001, Μπρατισλάβα, 6-7 Σεπτεμβρίου 2001, Πρακτικά Συνεδρίου

Ganoulis J., 2001, Recent/emerging cases: The International Network of Water Environment Centres for the Balkans (INWEB), Proceedings of the International Conference on Implementing Transboundary River Conventions, Foundation Luso-Americana, Porto, 197-208.

Ganoulis J., Anagnostopoulos P., Mpimpas H., 2001, Fuzzy logic-based risk analysis of water pollution, Proceedings of 29th IAHR Congress, Theme B, Beijing, China, 169-175.

I. E. Avramidis, K. Anastassiadis, A. Athanatopoulou, K. Morfidis, «Development of prototypic arithmetic examples in order to check the computer programs», 2nd Greek Conference of antiseismic mechanics and technical Seismology, Thessaloniki 2001, Vol. A, pp. 531-540 (in Greek).

Ifadis I. and Savvaidis P., 2001, Space to Earth Links: Optimization of the Atmospheric Effect for the Area of the Balkan Countries, Proceedings of Inter. Symp. on "Geodetic, Photogrammetric and Satellite Technologies - Development and Integrated Applications", Sofia.

Ifadis I. and Savvaidis P., 2001, The Accurate Prediction of the Zenith Atmospheric Delay as a Factor of Accuracy on Delay Modeling at Low Elevation Angles, Proceedings of Inter. Symp. on "Geodetic, Photogrammetric and Satellite Technologies - Development and Integrated Applications", Sofia, 36-55.

Improvement of an inter-regional ecosystem's environment trough cross-border cooperation – The case of Nestos River - E. Darakas, E. Papachristou, A. Bellou - INTERREG Meeting organized by the National Centre for Marine Research: North Aegean System Functioning and Inter-Regional Pollution, Kavala, May 2001

J. Ganoulis, E. Kolokytha, L.Duckstein, S.Raju, 2001, Ranking alternative strategies of agricultural water use in the Euro-Mediterranean area, Proc. Of Seconde Conference de Femise, 29-30 Mars, Marseille (www.femise.org)

K. Anastassiadis, I. E. Avramidis, A. Athanatopoulou, «Critical comments on Eurocode 8 sections 3 and 4 [Draft No 1 of prEN 1998-1/ May 2000]», 2nd Greek Conference of antiseismic mechanics and technical Seismology, Thessaloniki 2001, Vol. A, pp. 423-430 (in Greek).

Kappos, A.J. and Petranis, C. "Reliability of pushover analysis - based methods for seismic assessment of R/C buildings", Earthquake Resistant Engineering Structures III, WIT Press, 2001, pp. 407-416.

Kappos, A.J., "Seismic vulnerability assessment of existing buildings in Southern Europe", Keynote lecture, Convegno Nazionale "L'Ingegneria Sismica in Italia" (Potenza/Matera, Italy, Sep. 2001), CD ROM Proceedings.

Kappos, A.J., Manolis, G.D. and Moschonas, I.F. "Seismic analysis and design of R/C bridge including SSI effects", Earthquake Resistant Engineering Structures III, WIT Press, 2001, pp. 691-700.

Kechagias El., Katsifarakis K.L., 2001, Sustainable water resources management in small islands: A case study, Proceedings of the 1st International Conference on Ecological Protection of the Planet Earth, Xanthi, Vol. I, 151-158,.

- Kontoleon, M., Baniotopoulos, C.C., Betti, M. & Borri, C., 2001, Analysis of "Convex Energy" Structural Systems under Stochastic Loading, PROCEEDINGS OF THE 6TH NATIONAL CONGRESS OF MECHANICS, 78-83.
- Lakakis K., Savvaidis P., and Ifadis I., 2001, Adaptive Filtering Method for Building a Time Urban Traffic Network by Using Kinematic DGPS Observations in Everyday Traffic Conditions, Proceedings of 3rd Inter. Symp. on Mobile Mapping Technology, Cairo.
- Lakakis K., Savvaidis P., and Ifadis I., 2001, Technical Specifications for Monitoring Ground Displacements at a National Highway Project, Proceedings of Inter. Symp. on "Geodetic, Photogrammetric and Satellite Technologies - Development and Integrated Applications", Sofia, 168-176.
- Lakakis K., Savvaidis P., Ifadis I., 2001, Technical Specifications for Monitoring Ground Displacements at a National Highway Project Geodetic, Photogrammetric and Satellite Technologies – Development and Integrated Application, Sofia, Bulgaria.
- Latinopoulos, P., N. Theodossiou, Z. Mallios, A. Xefferis and E. Fotopoulou, 2001, Water resources management in the Upper Anthemountas basin in Chalkidiki, 1st International Conference on Ecological Protection of the Planet Earth, 25-32, Xanthi.
- Lavassas, I., Nikolaidis, G., Zervas, P., Doudoumis, I.N. & Baniotopoulos, C.C., 2001, Structural Analysis and Aseismic Design of the 1 MW Steel Wind Turbine Towers at Mount Kalogerovouni Lakonia, PROCEEDINGS OF THE 2ND NATIONAL (GREEK) CONFERENCE OF ASEISMIC MECHANICS AND TECHNICAL SEISMOLOGY, 183-190
- M. Zygomalas, M.J.Kontoleon and C.C.Baniotopoulos, 2001, A Hemivariational Inequality Approach to the Resistance of Aluminium Riveted Connections, 6th NATIONAL CONGRESS OF MECHANICS, 70-77
- Makra K., Raptakis D., Pitilakis K., 2001, Complex site effects in Euroseistest and potential applications in seismic norms, Proceedings of the 10th International Conference on Soil Dynamics & Earthquake Engineering, Drexel University – USA.
- Mpimpas H., Anagnostopoul-os P., 2001, An improved coastal circulation model based on the characteristic-Galerkin technique, Proceedings of 6th National Congress on Mechanics, Vol. 1, Thessaloniki, Greece, 39-44.
- Mpimpas H., Anagnostopoul-os P., 2001, Surface heat exchange modeling in a shallow enclosure, Proceedings of International Conference on Ecological Protection of Planet Earth, Vol. 1, Xanthi, Greece, 231-238.
- N. Charalambakis, «Cold» work and stability in softened materials, Proceedings of the 6th National Congress on Mechanics, pp. 276-279, Thessaloniki, 2001.

N. Charalambakis, On the role of strain, strain-rate and temperature dependent fraction of work converted into heating during adiabatic shearing, Proceedings of the 4th International Congress on Thermal Stresses, pp. 143-145, Osaka, 2001

P. Papadopoulos, E. Mitsopoulou, A. Athanatopoulou, «A failure index for R/C building structures», 2nd Greek Conference of antiseismic mechanics and technical Seismology, Thessaloniki 2001, Vol. A, pp. 337-343 (in Greek).

Paraskevopoulos I., Kouridis A., A. Athanatopoulou, K. Anastassiadis, «Evaluation of the E.A.K. 2000 provisions for the second order effects», 2nd Greek Conference of antiseismic mechanics and technical Seismology, Thessaloniki 2001, Vol. A, pp. 403-411(in Greek).

Patmios E., Lazaridou M., 2001. Data Collection and Processing (from multi sources and techniques) on the Study of Subjects of Civil Engineer. ASPRS 2001 Annual Conference "Gateway to the New Millenium" Missouri, U.S.A.

Patmios E., Lazaridou M., 2001. Progress on the Photointerpretation and Photogrammetric Study of Monuments and Historic Centers. Potsdam, Germany. XVIIIth International Symposium of CIPA. International Archives of Ph. and RS, Volume XXXIV-5/67, pp. 630-632.

Pitilakis K., Makra K., Raptakis D., 2001, 2D vs 1D site effects with potential applications to seismic norms: The cases of EURO-SEISTEST and Thessaloniki, Invited lecture in XVth International Conference on Soil Mechanics & Geotechnical Engineering, 123-133, Istanbul – Turkey.

Pitilakis K., Makra K., Raptakis D., 2001, 2D vs 1D site effects with potential applications to seismic norms: The cases of EURO-SEISTEST and Thessaloniki, Invited lecture in XVth International Conference on Soil Mechanics & Geotechnical Engineering, 123-133, Istanbul – Turkey.

Pitilakis, K.D., Sextos, A., and Kappos, A.J., "A critical review of the role of spatial variability of ground motion, site conditions, and soil-structure interaction, in bridge engineering", invited paper 4th Japan-UK Workshop on Implications of Recent Earthquakes on Seismic Risk (Tokyo, Japan, May 27-29, 2001), Technical Report TIT/EERG 02-1, 205-217.

Prinos, P. and Sofialidis D., 2001, Microscopic modeling of turbulent flow over and within a porous bed, Proc. of XXIX IAHR Congress, vol. DII, 888-895 Beijing, China.

REPAIR OF MASONRY BUILDINGS DAMAGED BY EARTHQUAKES IN GREECEE. Stavrakakis, M. Karaveziroglou-Weber, S. Mavrikakis, Proceedings of the 2nd International Congress on Studies in Ancient Structures, Istanbul 2001

S.M. Breker, W. Verwey, A. Naniopoulos, A. Bekiaris, F. Lilli, K. Wevers, K. Brookhuis, "Adapting advanced traffic information provision to Road User

needs in TRAVEL – GUIDE, a progress report”, 8th World Congress on Intelligent Transport Systems, Sydney Australia, 30 Sept-4 Oct 2001.

Savvaidis P. and Ifadis I., 2001, Geodetic Monitoring of the Deformation of a 50,000 t Sugar Storage Tank Founded on 124 Long Bored Piles, Proceedings of Inter. Symp. on "Geodetic, Photogrammetric and Satellite Technologies - Development and Integrated Applications", Sofia, 160-167.

Savvaidis P., Ifadis I., Lakakis K., 2001, Adaptive Filtering Methods for Building a Time Urban Traffic Network, by using Kinematic DGPS observations in Everyday Traffic Conditions, 3rd International Symposium on Mobile Mapping Technology, Cairo, Egypt.

Savvaidis P., Lakakis K., and Zeimpekis A., 2001, Monitoring Ground Displacements at a National Highway Project: The Case of "Egnatia Odos" in Greece, Proceedings of IAG Workshop "Monitoring of Constructions and Local Geodynamic Process", Wuhan University, China.

Savvaidis P., Lakakis K., Zeimpekis A., 2001, Monitoring Ground Displacements at a National Highway Project: The Case of "Egnatia Odos" in Greece, IAG Workshop "Monitoring of Constructions and Local Geodynamic Process" Wuhan, China.

Seitanis S.A., Anagnostopoulos P., Ganoulis J., 2001, A computer study of the in-line oscillations of a flexible row of cylinders in cross-flow, Proceedings of International FORTWIHR Conference, Erlangen-Nuremberg, Germany.

Sextos A., Pitilakis K., Kappos A., 2001, A global approach for dealing with spatial variability, site effects and soil-structure-interaction for non-linear bridges: a. verification study, Proceedings of the 10th International Conference on Soil Dynamics & Earthquake Engineering, Drexel University – USA.

Sextos A., Pitilakis K., Kappos A., 2001, A global approach for dealing with spatial variability, site effects and soil-structure-interaction for non-linear bridges: b. parametric analysis, Proceedings of the 10th International Conference on Soil Dynamics & Earthquake Engineering, Drexel University – USA,.

Strengthening and Transposition of the Church of the Torniki Monastery in Greece, Penelis G. G. - Stylianidis K. C. - Ignatakis C. E., Proceedings of the 2nd International Congress on Studies in Ancient Structures, Istanbul, Turkey, 2001.

Structural Restoration of the Acheiropoietus Basilica in Thessaloniki, Penelis G. G. - Stylianidis K. C., Proceedings of the 2nd International Congress on Studies in Ancient Structures, Istanbul, Turkey, 2001.

The performance of reinforced masonry piers subjected to horizontal cyclic loading, Manos G.C. - Yasin M. - Thawabteh J. - Kourtides V. - Stylianides K.,

Proceedings of ERES 2001, International Conference on Earthquake Resistant Engineering Structures III, Malaga, Spain, WIT Press, 2001.

Tika T., Kallioglou P., Sturaitis E., Raptakis D., Pitilakis K., 2001, Deformation characteristics of natural soils from the city of Thessaloniki. Proceedings of the XV International Conference on Soil Mechanics and Geotechnical Engineering, 1, 283-288, Istanbul – Turkey.

Tika T., Kallioglou P., Sturaitis E., Raptakis D., Pitilakis K., 2001, Deformation characteristics of natural soils from the city of Thessaloniki. Proceedings of the XV International Conference on Soil Mechanics and Geotechnical Engineering, 1, 283-288, Istanbul – Turkey.

Tika Th., Kallioglou P., Sturaitis E., Raptakis D. & Pitilakis K., 2001, Deformation characteristics of natural clays from the city of Thessaloniki. Proc. of the XV International Conference on SOIL MECHANICS AND GEOTECHNICAL ENGINEERING, Istanbul, Vol. 1, pp. 283-287.

TOLIKAS, V. HRISSANTHOU, Y. MYLOPOULOS & P. KOUDOUMAKIS, (2001), "Sediment control in the basin of Kastoria Lake", Water Resources Management, Eds. C.A. Brebbia, P. Anagnostopoulos, K. Katsifarakis & A.H.-D. Cheng, WIT Press, pp 385 - 393.

Tsikaloudaki E., 2001, The contribution of the glazing type to the achievement of comfort in interior spaces in the region of Thessaloniki, Greece, Proceedings of the international conference Glass Processing Days 2001, Tampere, Finland, 199-203.

Tsikaloudaki E., 2001, The effect of glazing to thermal and visual comfort in an office building in Thessaloniki, Greece, Proceedings of the international conference Ecological protection of the planet earth, Ξάνθη, 765-773.

Yannopoulos S., Kostovassilis I. and Dermisi N., 2001, " Site Management Planning of a New Landfill Site at Thessaloniki, Greece", SARDINIA 2001, Proc. 8th Intern. Waste Management and Landfill Symposium, Vol. IV, pp. 39-48, S. Margherita di Pula (Cagliari), Sardinia, Italy.

Zeris, A. and Prinos, P., 2001, Measurements of bed suction effects on open channel flow with Laser-Doppler/Hot-film anemometry, Proc. of 5th EHTFMT Congress, 1099-1103, Thessaloniki, Greece.

Zeris, A. and Prinos, P., 2001, Turbulence characteristics of perturbed open channel flow due to bed suction, Proc. of XXIX IAHR Congress, vol. DI, pp. 171-178, Beijing, China.

Zygomalas, M., Kontoleon, M.J. & Baniotopoulos, C.C., 2001, A Hemivariational Inequality Approach to the Resistance of Aluminium Riveted Connections, PROCEEDINGS OF THE 6TH NATIONAL CONGRESS OF MECHANICS, 70-77

Αβραμίδης Ι.Ε., Αναστασιάδης Κ., Αθανατοπούλου Α., Μορφίδης Κ., "Ανάπτυξη πρότυπων αριθμητικών παραδειγμάτων για τον έλεγχο

προγραμμάτων Η/Υ", Πρακτ. 2ου Πανελληνίου Συνεδρίου Αντισεισμικής Μηχανικής και Τεχνικής Σεισμολογίας, Θεσσαλονίκη, 28-29 Νοεμβρ. 2001.

Αθανασιάδου, Χ., Κάππος, Α.Ι., Πάνου-Παπαθεοδώρου, Ε. και Χαλκίδου, Α. "Σεισμική συμπεριφορά πολυωρόφων κτιρίων ο/ς με προβλήματα κανονικότητας σε τομή", 2ο Πανελ. Συνέδριο Αντισεισμ. Μηχαν. και Τεχν. Σεισμολ., Θεσσαλονίκη, Νοέμ. 2001, τ. Β, σελ. 239-248.

Αναστασιάδης Α., Ραπτάκης Δ., Πιπιλάκης Κ., 2001, Η γνώση της εδαφικής δομής ως αφετηρία στη μικροζωνική μελέτη Θεσσαλονίκης: ΙΙ. Συσχέτιση εδαφικών συνθηκών και βλαβών – εντάσεων, Πρακτικά 4ου Παν. Συνεδρίου Γ.Γ.Μ., Αθήνα, ΙΙ, 313-320.

Αναστασιάδης Α., Ραπτάκης Δ., Πιπιλάκης Κ., 2001, Η γνώση της εδαφικής δομής ως αφετηρία στη μικροζωνική μελέτη Θεσσαλονίκης: ΙΙ. Συσχέτιση εδαφικών συνθηκών και βλαβών – εντάσεων, Πρακτικά 4ου Παν. Συνεδρίου Γ.Γ.Μ., Αθήνα, ΙΙ, 313-320.

Αναστασιάδης Κ., Αβραμίδης Ι.Ε., Αθανατοπούλου Α., "Κριτικές παρατηρήσεις επί του Ευρωκώδικα 8 - Παράγρ. 3 και 4 [Draft No.1 of prEN 1998-1/May 2000]", Πρακτ. 2ου Πανελληνίου Συνεδρίου Αντισεισμικής Μηχανικής και Τεχνικής Σεισμολογίας, Θεσσαλονίκη, 28-29 Νοεμβρ. 2001.

Αναστασιάδης Κ., Αβραμίδης Ι.Ε., Πανέτσος Π., "Ταυτόχρονα εντατικά μεγέθη σχεδιασμού σε κατασκευές υπό ορθοτροπική σεισμική διέγερση", Πρακτ. 2ου Πανελληνίου Συνεδρίου Αντισεισμικής Μηχανικής και Τεχνικής Σεισμολογίας, Θεσσαλονίκη, 28-29 Νοεμβρ. 2001.

Αντωνιάδης, Κ.Κ., Σαλονικιός, Θ.Ν., και Κάππος, Α.Ι., "Συμπεριφορά τοιχωμάτων Ο/Σ επισκευασμένων με σύνθετα υλικά υπό ανακυκλιζόμενη φόρτιση", 2ο Πανελ. Συνέδριο Αντισεισμ. Μηχαν. και Τεχν. Σεισμολ., Θεσσαλονίκη, Νοέμ. 2001, τ. Β, σελ. 367-376.

Αξιολόγηση διατάξεων του Εθνικού Κειμένου Εφαρμογής του Ευρωκώδικα 6 περί απλών κτιρίων από άοπλη τοιχοποιία, Στυλιανίδης Κ. –Ιγνατάκης Χ. – Αναστασίου Ν., Πρακτικά 2ου Πανελληνίου Συνεδρίου Αντισεισμικής Μηχανικής και Τεχνικής Σεισμολογίας, Θεσσαλονίκη, 2001.

Αποστολίδης Π., Ραπτάκης Δ., Ρουμελιώτη Ζ., Πιπιλάκης Κ., 2001, Εκτίμηση της βαθιάς εδαφικής δομής στη θέση του Λευκού Πύργου με τη χρήση μικροθορύβου, Πρακτικά 2ου Πανελληνίου Συνεδρίου Αντισεισμικής Μηχανικής & Τεχνικής Σεισμολογίας, Θεσ/νίκη.

Αποστολίδης Π., Ραπτάκης Δ., Ρουμελιώτη Ζ., Πιπιλάκης Κ., 2001, Εκτίμηση της βαθιάς εδαφικής δομής στη θέση του Λευκού Πύργου με τη χρήση μικροθορύβου, Πρακτικά 2ου Πανελληνίου Συνεδρίου Αντισεισμικής Μηχανικής & Τεχνικής Σεισμολογίας, Θεσ/νίκη.

Αποστολίδης Π., Ρουμελιώτη Ζ., Ραπτάκης Δ., Πιπιλάκης Κ., 2001, Προσδιορισμός των ταχυτήτων των διατμητικών κυμάτων με τη χρήση του

μικροθορύβου στο Euro-Seistest, Proceedings of the 9th International Congress of the Geological Society of Greece, Αθήνα.

Αποστολίδης Π., Ρουμελιώτη Ζ., Ραπτάκης Δ., Πιπιλάκης Κ., 2001, Προσδιορισμός των ταχυτήτων των διατμητικών κυμάτων με τη χρήση του μικροθορύβου στο Euro-Seistest, Proceedings of the 9th International Congress of the Geological Society of Greece, Αθήνα.

Αποστολίδης, Π. & Δ. Ραπτάκης, 2001. "Προκαταρκτική Χαρτογράφηση Αναμενόμενων Σεισμικών Ενισχύσεων και Ζημιών με τη Χρήση GIS. Η Περίπτωση της Κοζάνης." Πρακτικά 4ου Πανελληνίου Συνεδρίου Γεωτεχνικής και Γεωπεριβαλλοντικής Μηχανικής, Τόμος II, σελ. 99-106, 30 Μαΐου – 1 Ιουνίου Αθήνα 2001.

Διερεύνηση εφαρμογής τεχνικών σεισμικής απομόνωσης βάσης σε ιστορικά κτίρια, Στυλιανίδης Κ., Πρακτικά 2ου Πανελληνίου Συνεδρίου Αντισεισμικής Μηχανικής και Τεχνικής Σεισμολογίας, Θεσσαλονίκη, 2001.

Δουδούμης Ι.Ν., Παπαδόπουλος Π., Παπαλιάγκας Θ. (2001): "Αναλυτική μελέτη συστήματος σεισμικής μόνωσης χαμηλού κόστους με έδραση του κτιρίου σε πρόσθετο εδαφικό στρώμα μικρής γωνίας τριβής", Πρακτικά 2ου Πανελληνίου Συνεδρίου Αντισεισμικής Μηχανικής και Τεχνικής Σεισμολογίας, Θεσσαλονίκη 2001.

Δουδούμης Ι.Ν., Παρασκευόπουλος Η.Α. (2001): "Διερεύνηση της ελάχιστης επάρκειας διακριτοποίησης αναλυτικών μοντέλων στοιχείων πλήρωσης με ανελαστικούς νόμους υλικού", Πρακτικά 2ου Πανελληνίου Συνεδρίου Αντισεισμικής Μηχανικής και Τεχνικής Σεισμολογίας, Θεσσαλονίκη 2001.

Δουδούμης Ι.Ν., Τερζή Β., Τζοβάρα Γ. (2001): "Συγκριτική αξιολόγηση της ανελαστικής συμπεριφοράς διατάξεων πλευρικής ενίσχυσης και απόσβεσης σεισμικής ενέργειας σε πλαισιακούς φορείς", Πρακτικά 2ου Πανελληνίου Συνεδρίου Αντισεισμικής Μηχανικής και Τεχνικής Σεισμολογίας, Θεσσαλονίκη 2001.

Ι.Α. Τέγος, Ι.Κ. Λιοδάκης, Γ.Γ. Λοβιτάκης, 2001, Εφεδρική συμπληρωματική περίσφιξη σε σπειροειδείς διατάξεις, 2ο Πανελλήνιο Συνέδριο Αντισεισμικής Μηχανικής και Τεχνικής Σεισμολογίας, Β, 377-381

Ι.Α. Τέγος, Σ.Χ. Κογκορόζη, Ε.Σ. Ταπεινοπούλου, 2001, Το πρόβλημα της διαστασιολογήσεως των σεισμικών ανασχετήρων (Stoppers) των γεφυρών, 2ο Πανελλήνιο Συνέδριο Αντισεισμικής Μηχανικής και Τεχνικής Σεισμολογίας, Α, 327-335

Καλλιόγλου Π., Τίκα Θ. & Πιπιλάκης Κ., 2001, Δυναμικές Ιδιότητες Οργανικών Εδαφών. Πρακτικά 4ου Πανελληνίου Συνεδρίου ΓΕΩΤΕΧΝΙΚΗΣ & ΓΕΩΠΕΡΙΒΑΛΛΟΝΤΙΚΗΣ ΜΗΧΑΝΙΚΗΣ, Αθήνα, Τόμος 2, σελ.163-170.

Καλλιόγλου Π., Τίκα Θ., Πιπιλάκης Κ., 2001, Δυναμικές ιδιότητες οργανικών εδαφών, Πρακτικά 4ου Πανελληνίου Συνεδρίου Γεωτεχνικής & Γεωπεριβαλλοντικής Μηχανικής, 2, 163-170, Αθήνα.

Κάππος, Α.Ι. και Παναγόπουλος, Γ. "Μια νέα μεθοδολογία για τον αντισεισμικό σχεδιασμό κτιρίων Ο/Σ με βάση την επιτελεστικότητα", 2ο Πανελ. Συνέδριο Αντισεισμ. Μηχαν. και Τεχν. Σεισμολ., Θεσσαλονίκη, Νοέμ. 2001, τ. Α, σελ. 355-364.

Κάππος, Α.Ι., Μορφίδης, Κ. και Χατζηνικολάου, Ν. "Μελέτη τρωτότητας και σεισμικής διακινδύνευσης της πόλης του Βόλου", 2ο Πανελ. Συνέδριο Αντισεισμ. Μηχαν. και Τεχν. Σεισμολ., Θεσσαλονίκη, Νοέμ. 2001, τ. Β, σελ. 163-172.

Κάππος, Α.Ι., Ρηγοπούλου, Μ., και Σμάνη, Σ. "Σεισμική αποτίμηση παλιών κτιρίων ο/σ με βάση τις Συστάσεις fema 273-4 και τον εακ 2000", 2ο Πανελ. Συνέδριο Αντισεισμ. Μηχαν. και Τεχν. Σεισμολ., Θεσσαλονίκη, Νοέμ. 2001, τ. Β, σελ. 113-122.

Κονίνης, Γ., Τίκα Θ., Καλλιόγλου, Π. & Σαρηγιάννης Δ., 2001, Η επίδραση της δομής φυσικών αργιλικών εδαφών στη συμπίεστικότητα και αντοχή τους. Πρακτικά 4ου Πανελληνίου Συνεδρίου ΓΕΩΤΕΧΝΙΚΗΣ & ΓΕΩΠΕΡΙΒΑΛΛΟΝΤΙΚΗΣ ΜΗΧΑΝΙΚΗΣ, Αθήνα, Τόμος 1, σελ. 81-88.

Λαβασάς Ι., Νικολαΐδης Γ., Ζέρβας Π., Δουδούμης Ι.Ν., Μπανιωτόπουλος Χ. (2001): "Στατική ανάλυση και αντισεισμικός έλεγχος χαλύβδινων πύργων ανεμογεννητριών 1 MW στο Καλογεροβούνι Λακωνίας", Πρακτικά 2ου Πανελληνίου Συνεδρίου Αντισεισμικής Μηχανικής και Τεχνικής Σεισμολογίας, Θεσσαλονίκη 2001.

Μ. ΖΥΓΟΜΑΛΑΣ, 2001, Μελέτη και κατασκευή διαφανούς περιβλήματος στον Γολγοθά στην Ιερουσαλήμ, Βαλκανικό Συνέδριο με Θέμα: Διαφάνεια & Αρχιτεκτονική, κενά και πλήρη., 1, 272-283

Μάκρας Κ., Ραπτάκης Δ., Πιπλάκης Κ., 2001. Επιρροή της γεωμετρίας ιζηματογενών λεκανών στη σεισμική κίνηση και αντισεισμικοί κανονισμοί, Πρακτικά 4ου Πανελληνίου Συνεδρίου Γεωτεχνικής & Γεωπεριβαλλοντικής Μηχανικής, Αθήνα, ΙΙ, 225-232.

Μάκρας Κ., Ραπτάκης Δ., Πιπλάκης Κ., 2001. Επιρροή της γεωμετρίας ιζηματογενών λεκανών στη σεισμική κίνηση και αντισεισμικοί κανονισμοί, Πρακτικά 4ου Πανελληνίου Συνεδρίου Γεωτεχνικής & Γεωπεριβαλλοντικής Μηχανικής, Αθήνα, ΙΙ, 225-232.

Μάνος Γ. - Στυλιανίδης Κ. – Γιασίν Μ. – Θαούμπα Ζ. – Βαλιάσης Θ., 2001, "Μερικώς οπλισμένη τοιχοποιία που υποβάλλεται σε οριζόντια σεισμικά φορτία"., Πρακτικά 2ου Πανελληνίου Συνεδρίου Αντισεισμικής Μηχανικής και Τεχνικής Σεισμολογίας, Θεσσαλονίκη, 2001

Μερικώς οπλισμένη τοιχοποιία που υποβάλλεται σε οριζόντια σεισμικά φορτία, Μάνος Γ. - Στυλιανίδης Κ.– Γιασίν Μ. – Θαούμπα Ζ. – Βαλιάσης Θ., Πρακτικά 2ου Πανελληνίου Συνεδρίου Αντισεισμικής Μηχανικής και Τεχνικής Σεισμολογίας, Θεσσαλονίκη, 2001.

Παπαδόπουλος Π., Μητσοπούλου Ε., Δουδούμης Ι.Ν., Παπαδόπουλος Α., Φυλακτός Φ. (2001): "Σεισμική ασφάλεια των κατασκευών μέσω απλών συστημάτων σεισμικής μόνωσης που σε ισχυρούς σεισμούς επιτρέπουν την σχετική ολίσθηση κατασκευής-εδάφους", Πρακτικά 2ου Πανελληνίου Συνεδρίου Αντισεισμικής Μηχανικής και Τεχνικής Σεισμολογίας, Θεσσαλονίκη 2001.

Πενέλης Γ. – Παπαγιάννη Ι. – Θεολογίδου Κ. - Στυλιανίδης Κ. – Ιγνατάκης Χ., 2001, "Αξιολόγηση διατάξεων του Εθνικού Κειμένου Εφαρμογής του Ευρωκώδικα 6 περί απλών κτιρίων από άοπλη τοιχοποιία"., Πρακτικά 2ου Πανελληνίου Συνεδρίου Αντισεισμικής Μηχανικής και Τεχνικής Σεισμολογίας, Θεσσαλονίκη, 2001.

Πενέλης, Γρ. και Κάππος, Α., "Το πρόβλημα της στρέψης στη χωρική στατική ανελαστική ανάλυση", 2ο Πανελ. Συνέδριο Αντισεισμ. Μηχαν. και Τεχν. Σεισμολ., Θεσσαλονίκη, Νοέμ. 2001, τ. Α, σελ. 515-524.

Πιπιλάκης Κ., Σέξτος Α., Κάππος Α., 2001, Επιρροή της αλληλεπίδρασης εδάφους – θεμελίωσης-ανωδομής στην ανελαστική συμπεριφορά των γεφυρών από Ω/Σ, Πρακτικά 2ου Πανελληνίου Συνεδρίου Αντισεισμικής Μηχανικής & Τεχνικής Σεισμολογίας, Θεσ/νίκη.

Πιπιλάκης Κ., Σέξτος Α., Ντέλλα Κ., Γαλαζούλα Ι., 2001, Η αποκατάσταση της Μεσαιωνικής Οπλοθήκης De Milly στη μεσαιωνική πόλη της Ρόδου, Πρακτικά Συνεδρίου για τα 15 Χρόνια Έργων Αποκατάστασης στη Μεσαιωνική Πόλη της Ρόδου, ΤΔΠΕΑΕ – Υπουργείο Πολιτισμού, Ρόδος, 14-17 Νοε.

Ραπτάκης Δ., Α., Μάκρας Αναστασιάδης Κ., Πιπιλάκης Κ., 2001, Επίδραση των τοπικών εδαφικών συνθηκών στη Θεσσαλονίκη: Εδαφική δομή και σύγκριση καταγραφών με 1D προσομοίωση, Πρακτικά 2ου Πανελληνίου Συνεδρίου Αντισεισμικής Μηχανικής & Τεχνικής Σεισμολογίας, Θεσ/νίκη.

Ραπτάκης Δ., Αναστασιάδης Α., Μάκρας Κ., Πιπιλάκης Κ., 2001, Επίδραση των τοπικών εδαφικών συνθηκών στη Θεσσαλονίκη: Εδαφική δομή και σύγκριση καταγραφών με 1D προσομοίωση, Πρακτικά 2ου Πανελληνίου Συνεδρίου Αντισεισμικής Μηχανικής & Τεχνικής Σεισμολογίας, Θεσ/νίκη.

Ραπτάκης Δ., Αναστασιάδης Α., Πιπιλάκης Κ., 2001, Η γνώση της εδαφικής δομής ως αφετηρία στη μικροζωνική μελέτη Θεσσαλονίκης: Ι. Προσδιορισμός εδαφικών προσομοιωμάτων, Πρακτικά 4ου Πανελληνίου Συνεδρίου Γεωτεχνικής & Γεωπεριβαλλοντικής Μηχανικής, Αθήνα, ΙΙ, 75-82.

Ραπτάκης Δ., Αναστασιάδης Α., Πιπιλάκης Κ., 2001, Η γνώση της εδαφικής δομής ως αφετηρία στη μικροζωνική μελέτη Θεσσαλονίκης: Ι. Προσδιορισμός εδαφικών προσομοιωμάτων, Πρακτικά 4ου Πανελληνίου Συνεδρίου Γεωτεχνικής & Γεωπεριβαλλοντικής Μηχανικής, Αθήνα, ΙΙ, 75-82.

Ραπτάκης, Δ. & Μάκρας, Κ., 2001. "Η Εξασθένηση των S Κυμάτων και η Επιρροή της στη Σεισμική Απόκριση." Πρακτικά 2ου Πανελληνίου Συνεδρίου Αντισεισμικής Μηχανικής & Τεχνικής Σεισμολογίας, σελ. 87-96, Θεσσαλονίκη, 28-30 Νοέμβριος 2001.

Ραπτάκης, Δ., 2001. "Η Ταχύτητα Vs και η Επιρροή της στη Σεισμική Απόκριση." Πρακτικά 2ου Πανελληνίου Συνεδρίου Αντισεισμικής Μηχανικής & Τεχνικής Σεισμολογίας, σελ. 75-86, Θεσσαλονίκη, 28-30 Νοέμβριος 2001.

Σέξτος Α., Κάππος Α., Πιπιάκης Κ., 2001, Εκτίμηση των διαφορικών μετακινήσεων του καταστρώματος γεφυρών, οι οποίες υπόκεινται σε ασύγχρονη σεισμική διέγερση και αλληλεπιδρούν με το έδαφος και τη θεμελίωση, Πρακτικά 2ου Πανελληνίου Συνεδρίου Αντισεισμικής Μηχανικής, Θεσ/νίκη, Ι, 205-214, 28-30 Νοε.

Σέξτος Α., Πιπιάκης Κ., Κάππος Α., 2001, Γενικευμένη μεθοδολογία κατασκευής σεισμικών σεναρίων για τον αντισεισμικό σχεδιασμό γεφυρών, Πρακτικά 4ου Πανελληνίου Συνεδρίου Γεωτεχνικής & Γεωπεριβαλλοντικής Μηχανικής, Αθήνα, 2, 321-328.

Σέξτος, Α.Γ., Κάππος, Α.Ι., Πιπιάκης Κ.Δ., "Εκτίμηση μετακινήσεων γεφυρών που υπόκεινται σε ασύγχρονη σεισμική διέγερση και αλληλεπιδρούν με το έδαφος και την θεμελίωση", 2ο Πανελ. Συνέδριο Αντισεισμ. Μηχαν. και Τεχν. Σεισμολ., Θεσσαλονίκη, Νοέμ. 2001, τ. Α, σελ. 205-214.

Σέξτος, Α.Γ., Πιπιάκης Κ.Δ. και Κάππος, Α.Ι., "Γενικευμένη μεθοδολογία κατασκευής σεναρίων σεισμικής κίνησης για τον αντισεισμικό σχεδιασμό γεφυρών", 4ο Πανελ. Συνέδριο Γεωτεχν. Μηχανικής, Αθήνα, Μάιος 2001, τ. 2, σελ. 321-328.

Στουραίτης Ε. & Τίκα Θ., 2001, Μία νέα συσκευή για την εκτέλεση τριαξονικών δοκιμών ανακυκλιζόμενης φόρτισης. Πρακτικά 4ου Πανελληνίου Συνεδρίου ΓΕΩΤΕΧΝΙΚΗΣ & ΓΕΩΠΕΡΙΒΑΛΛΟΝΤΙΚΗΣ ΜΗΧΑΝΙΚΗΣ, Αθήνα, Τόμος 1, σελ. 203-210.

Στυλιανίδης Κ. – Ιγνατάκης Χ. - Αναστασίου Ν., 2001, "Αξιολόγηση διατάξεων του Εθνικού Κειμένου Εφαρμογής του Ευρωκώδικα 6 περί απλών κτιρίων από άοπλη τοιχοποιία"., Πρακτικά 2ου Πανελληνίου Συνεδρίου Αντισεισμικής Μηχανικής και Τεχνικής Σεισμολογίας, Θεσσαλονίκη, 2001.

Στυλιανίδης Κ. – Ιγνατάκης Χ. - Αναστασίου Ν., 2001, "Ενίσχυση και ολόσωμη μεταφορά Καθολικού Μονής Τορνικίου Γρεβενών"., Πρακτικά 1ου Εθνικού Συνεδρίου με τίτλο "Ήπιες επεμβάσεις και προστασία ιστορικών κατασκευών", Θεσσαλονίκη, 2000.

Στυλιανίδης Κ., 2001, "Διερεύνηση εφαρμογής τεχνικών σεισμικής απομόνωσης βάσης σε ιστορικά κτίρια"., Πρακτικά 2ου Πανελληνίου Συνεδρίου Αντισεισμικής Μηχανικής και Τεχνικής Σεισμολογίας, Θεσσαλονίκη, 2001.

Τίκα Θ., Ελπέκος Στ. & Λιαλιαμπής Ι., 2001, Εκτίμηση των μόνιμων σεισμικών μετακινήσεων προϋπαρχουσών κατολισθήσεων. Πρακτικά 2ου ΠΑΝΕΛΛΗΝΙΟΥ ΣΥΝΕΔΡΙΟΥ ΑΝΤΙΣΕΙΣΜΙΚΗΣ ΜΗΧΑΝΙΚΗΣ & ΤΕΧΝΙΚΗΣ ΣΕΙΣΜΟΛΟΓΙΑΣ, Θεσσαλονίκη, Τόμος 1, σελ. 127-136.

Τσικαλουδάκη Α., Αραβαντινός Δ., 2001, Φυσικός φωτισμός και απώλειες θερμότητας μέσω υαλοπινάκων: αντίθετες λειτουργίες ή αλληλοσυμπληρούμενες; , πρακτικά του βαλκανικού συνεδρίου Διαφάνεια και αρχιτεκτονική - Κενά και πλήρη, Θεσσαλονίκη, 309-322.

ΤΣΩΝΟΣ, Α. Γ., "Μετασεισμικές Επισκευές και Ενισχύσεις Κόμβων Δοκού-Υποστυλώματος από Ο/Σ (Θεωρητική και Πειραματική Έρευνα", Β' Πανελλήνιο Συνέδριο Αντισεισμικής Μηχανικής και Τεχνικής Σεισμολογίας, Θεσσαλονίκη, Νοέμβριος 2001, Β' Τόμος, σελ. 53-60 (αποδεκτή για παρουσίαση).

ΤΣΩΝΟΣ, Α. Γ., "Σεισμική Συμπεριφορά Πλαισιακών Υποσυνόλων Σύγχρονων Αντισεισμικών Κατασκευών από Ο/Σ", Β' Πανελλήνιο Συνέδριο Αντισεισμικής Μηχανικής και Τεχνικής Σεισμολογίας, Θεσσαλονίκη, Νοέμβριος 2001, Α' Τόμος, σελ. 525-530 (αποδεκτή για παρουσίαση).

Χριστοδουλιάς Ι., Σταυριδάκης Ε., Τσότσος Σ., Χατζηγώγος Θ., 2001, "Η επίδραση του Τσιμέντου στα Ορια Atterberg, Συρρίκνωση, Αντοχή και Διάβρωση εδάφους". 4ο Πανελλήνιο Συνέδριο Γεωτεχνικής και Γεωπεριβαλλοντικής Μηχανικής Αθήνα 30/5 – 1/6/2001, Τόμος 1, pp 483-489.

2002

Savvaidis P. and Lakakis K., 2002, Mapping of Traffic Conditions at Downtown Thessaloniki with the Help of GPS Technology, Proceedings of Inter. Symp. on "Space Information - Technologies, Acquisition, Processing and Effective Applications", Sofia, 86-95.

2nd level analysis and vulnerability assessment of urm buildings, Kappos A. J. –Penelis Gr. G. –Stylianidis K.C. –Panagiotopoulos C., Proceedings of the International Conference on Earthquake Loss Estimation and Risk Reduction, Bucharest, Romania 2002.

Alexoudi M., Hatzigogos T., Pitilakis K., 2002, Earthquake-hazard assessment in Thessaloniki, Greece – Level I: Probabilistic and deterministic approach. Proceedings of the International Conference of Earthquake Loss Estimation & Risk Reduction, Bucharest – Romania, Oct. 25-26.

Anagnostopoulos P., Koutras A., Seitani S., 2002, Numerical study of oscillatory flow past pairs of cylinders at low Reynolds and Keulegan-Carpenter numbers, Proceedings of ASME 4th International Symposium on Flow-Structure Interactions, Aeroelasticity, Flow-Induced Vibration and Noise, New Orleans, U.S.A., IMECE 2002-32178, in CD-ROM.

Anastasiadis A., Apessou M., Pitilakis K., 2002, Earthquake hazard assessment in Thessaloniki, Greece – Level II: Site response analyses. Proceedings of the International Conference of Earthquake Loss Estimation & Risk Reduction, Bucharest – Romania.

Anastassiadis K., and Avramidis I.E., "Critical Comments on Eurocode 8, Sections 3 and 4, Draft No.1/May 2000". Proc. of "12th European Conference on Earthquake Engineering", 9-13 Sept. 2002, London , UK.

Anastassiadis K., Avramidis I.E. and Athanatopoulou A., "Critical Comments on Eurocode 8, Draft No.5, Part I, Sections 3 and 4, , May 2002". Proc. fib Symposium on "Concrete Structures in Seismic Regions", 6-8 May 2003, Athens/Greece.

Aravantinos D., Tsikaloudaki K., 2002, A comparative analysis on the parameters determining the indoor daylight levels for the region of Thessaloniki, Greece, Proceedings of the international conference Design with the environment - PLEA 2002, Toulouse, 517-521.

Avgeris, I., Prinos, P. and Karambas, Th., 2002, Effects of porous submerged breakwaters on wave evolution in shallow waters, Proc. of 5th Int. Conf. on Hydroscience and Engineering, Poland, 2002 (available in CD-ROM)

Baniotopoulos, C.C., Kaziolas, D.N. & Zygomalas, M., 2002, A Hemivariational Inequality and Substationarity Approach to the Analysis of the Response of Laminated Composites, PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON NONSMOOTH/NONCONVEX MECHANICS, Baniotopoulos, C.C, ZHTH, 385-392

Baniotopoulos, C.C., Preftitsi, F. & Zygomalas, M., 2002, Thin-plated Aluminium Riveted Connections Subjected to Tension, PROCEEDINGS OF THE 3RD EUROPEAN CONFERENCE ON STEEL STRUCTURES – EUROSTEEL, 937-946

Betti, M., Borri, C. & Baniotopoulos C.C, 2002, Stochastic Mechanics of "Convex Energy" Structural Systems, PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON NONSMOOTH/NONCONVEX MECHANICS, Baniotopoulos C.C., ZHTH, 447-455.

Bisbos C.D., 2002, A study of gap variations in frictionless unilateral contact problems, Proceedings of the International Conference on Nonsmooth/Nonconvex Mechanics with Applications in Engineering (NNMAE), Ed. Baniotopoulos C.C., Ziti Publishers, Thessaloniki, 217-224.

BRIDGE BUILDING IN THE FIRST DECADES OF THE 20TH CENTURY IN GREECE M. Karaveziroglou-Weber, Proceedings of the 1st International Conference on Vulnerability of 20th Century Cultural Heritageto Hazards and Prevention Measures, Rhodes 2002

C.C.Baniotopoulos, D.N.Kaziolas & M.Zygomalas, 2002, A Hemivariational Inequality and Substationality Approach to the Analysis of the Response of Laminated Composites, Nonsmooth/ Nonconvex Mechanics with Applications in Engineering., 385-392

C.C.Baniotopoulos, F. Preftitsi & M.Zygomalas, 2002, Thin-Plated Aluminium Riveted Connections Subjected to Tension., EUROSTEEL Coimbra 2002, 937-946

C.Z. Karakostas and G.D. Manolis, Seismic Behaviour of Tunnels in Random Soils by the SBEM, pp. 601-610 in Proceedings of 24th International Conference on the Boundary Element Method (BEM 24), Edited by C.A. Brebbia, A. Tadeu and V. Popov, Sintra, Portugal, June 17-19, 2002, WIT Press, Southampton, 2002.

Chavez-Garcia F., Raptakis D., Makra K., 2002, Pitilakis K., The importance of the reference station in modeling site effects up to larger frequencies. The case of EURO-SEISTEST. Proceedings of the 12th European Conference on Earthquake Engineering, London – U.K., Sept. 9-13.

Chavez-Garcia F., Raptakis D., Makra K., 2002, Pitilakis K., The importance of the reference station in modeling site effects up to larger frequencies. The case of EURO-SEISTEST. Proceedings of the 12th European Conference on Earthquake Engineering, London – U.K., Sept. 9-13.

Chrisomallidou N., Tsikaloudaki K., Th. Theodosiou, 2002, Quality of life and open spaces: a survey on microclimate and comfort in outdoor urban areas, Proceedings of the international conference Design with the environment - PLEA 2002, Toulouse, 345-350.

D. Spasic and N. Charalambakis, Forced vibrations with fractional derivative type of dissipation, Proceedings of the International Conference on Nonsmooth/Nonconvex Mechanics with Applications in Engineering, AUTH, Thessaloniki, pp. 323-330, 2002.

Dalipis D. and Dermisi N., 2002, " Urban Runoff Quality, Management Measures and Practices", Proc. 6th Intern. Conference on Restoration and Protection of the Environment, pp. 91-98, Skiathos, Greece.

Doudoumis I.N. (2002): "A Comparative Study on the Analytical Modelling of Contact Interface Conditions in Certain Types of Infilled Frames", Proceedings of the International Conference on Nonsmooth/Nonconvex Mechanics, Thessaloniki 2002.

Doudoumis I.N., Papadopoulos P., Papaliangas T. (2002): "A low-cost base-isolation system on artificial soil layers with low shearing resistance", Proceedings of the 12th European Conference on Earthquake Engineering (CD version), London 2002.

E. Kolokytha, 2002, Incorporating public preferences in planning water conservation in the city of Thessaloniki, Proc. Of 3rd International Forum Integrated Water Management: The key to sustainable water resources, pp.265-269, Athens, Greece.

E. Kolokytha, N. Mylopoulos, 2002, Perspectives of demand oriented policy in residential water use. The case of Volos. Proc. International Conference: «Protection Restoration of the environment VI, Vol.III, pp.1481-1487, Skiathos, Greece.

E. KOLOKYTHA, Y. MYLOPOULOS, A. MENTES, (2002), « Social and economic aspects of urban water management. The city of Thessaloniki case”, Proc. of International Conference “Protection & Restoration of the Environment VI”, Eds. A. Kougolos, A.Liakopoulos, G. Korfiatis, A. Koutsospyros & A. Demetracopoulos, Skiathos, Greece, Vol.III, pp.1473-1480.

Evaluation of municipal solid waste analysis at the landfill of Thessaloniki, Greece - E. Papachristou, D. Ioannidou, E. Darakas, K. Alivanis, A. Bellou - International Conference (International Solid Waste Association ISWA), p.p. 787 – 794, Istanbul, 2002

F. Preftitsi, M.Zygomalas & C.C. Baniotopoulos, 2002, Numerical and Experimental Investigations of Aluminium Riveted Connections Subjected to Tension Forces., Δ' Εθνικό Συνέδριο Μεταλλικών Κατασκευών (ΠΑΤΡΑ), 82-90

Farsirotou, E. D., J.V. Soulis and Dermisis V. (2002), “A numerical method for two dimensional bed morphology calculations”, Int. Journal of Computational Fluid Dynamics, Vol. 16(3), pp. 187-200.

Farsirotou, E. D., Soulis J.V. and Dermisis V. (2002), “Comparison of 2-D and 1-D modeling of non-uniform flow in rivers”, Int. Conf. on protection and restoration of the environment, July 1-5, Skiathos, Greece.

G.D. Manolis and S. Pavlou, Computation of Elastic Waves in Materials with Variable Density, pp. 39 in the Book of Abstracts and Paper No. 82 (8 pages) in the CD-ROM Proceedings, 4th GRACM Congress on Computational Mechanics (GRACM 2002), Edited by D.T. Tsahalis, University of Patras, Patras, Greece, June 27-29, 2002, University of Patras Publication, 2002.

Ganoulis J., 2002, Information and Communication Technologies, Proceedings of the 5th International Conference of EWRA, Athens, 483-492.

K Anastassiadis, I Avramidis, A Athanatopoulou, “Critical comments on Eurocode 8 sections 3 and 4, draft No 1/May 2000”, 12th ECEE (European Conference on Earthquake Engineering), September 2002, London, UK .

Kappos A.J., Pitilakis K.D., Morfidis K., Hatzinikolaou N., 2002, Vulnerability and risk study of Volos (Greece) metropolitan area, Proceedings of the 12th European Conference on Earthquake Engineering, London – U.K., Sept. 9-13.

Kappos, A.J., Chlioumis, A., and Penelis, G.Gr., “Quantification of procedure uncertainty in seismic design of R/C buildings”, 12th European Conference on Earthquake Engineering (London, Sep. 2002), CD ROM Proceedings (Balkema), Paper 704.

Kappos, A.J., Pitilakis, K.D., Morfidis, K. and Hatzinikolaou, N., "Vulnerability and risk study of Volos (Greece) metropolitan area", 12th European Conference on Earthquake Engineering (London, Sep. 2002), CD ROM Proceedings (Balkema), Paper 074.

Karambas, Th., Kriezi, K. and Prinos, P., 2002, Breaking wave evolution over monolithic submerged breakwaters: An experimental and numerical study, accepted, 28th Int. Conf. On Coastal Eng. (ICCE2002), Cardiff, UK.

Kechagias El., Katsifarakis K.L., 2002, Water resources management in the island of Kalymnos, Greece, Proceedings of International Conference "Protection and Restoration of the Environment VI", Skiathos, Vol. I, 151-158.

Konstantinidis, D. and Kappos, A.J. "Statistical Analysis of Confined High Strength Concrete under Flexure and Axial Loads", 6th International Symposium on High-Strength High-Performance Concrete (Leipzig, June 16-20), 2002, 299-314.

Koutandos, E. and Prinos, P., 2002, "Numerical Modeling of turbulent free surface over an obstacle", Proc. of Int. Conf. Flow 2002 , vol. 1, 419-427, Belgium.

Koutandos, E. and Prinos, P., 2002, Turbulent free surface over a sinusoidal bed, Proc. 5th Int. Conference on Hydroinformatics, vol. 1, 241-247, Cardiff, UK.

Koutandos, E., Karambas, Th., Koutitas, C. and Prinos, P., 2002, Floating breakwaters efficiency in intermediate and shallow waters, Proc. Of Conf. on Hydroscience and Engineering, Poland, 2002 (available in CD-ROM)

Koutandos, E., Karambas, Th., Koutitas, C. and Prinos, P., 2002, Shoreline changes in presence of a detached floating breakwater, Proc. of Int. Conf. on Protection and Restoration of the Environment VI, vol. 1, 403-410, Greece.

Krestenitis Y.N., Kourafalou V. & Savvidis Y., 2002, Numerical studies of the matter transfer in the Thermaikos Gulf, Proc. XXIX IAHR Congress, pp 287-293.

Kudo K., Kanno T., Okada H., Sasatani T., Morikawa N., Apostolidis P., Pitilakis K., Raptakis D., Takahashi M., Ling S., Nagumo H., Irikura K., Higashi S., Yoshida K., 2002, S-wave velocity structure at EURO-SEISTEST, Volvi – Greece, determined by the spatial auto-correlation method, applied for array records of microtremors, Proceedings of Earthquake Engineering Symposium, November, Japan, 15-28.

Kudo K., Kanno T., Okada H., Sasatani T., Morikawa N., Apostolidis P., Pitilakis K., Raptakis D., Takahashi M., Ling S., Nagumo H., Irikura K., Higashi S., Yoshida K., 2002, S-wave velocity structure at EURO-SEISTEST, Volvi – Greece, determined by the spatial auto-correlation method, applied for array records of microtremors, Proceedings of Earthquake Engineering Symposium, November, Japan, 15-28.

Kudo K., T. Kanno, H. Okada, T. Sasatani, N. Morikawa, P. Apostolidis, K. Pitilakis, D. Raptakis, M. Takahasi, S. Ling, H. Nagumo, K. Irikura, S. Higashi and K. Yoshida, 2002. "S-Wave Velocity Structure of EUROSEISTEST, Volvi, Greece, Determined by the Spatial Auto-Correlation Method applied for Array Records of Microtremors", Proc. of Earthquake Engineering Symposium, March, Japan, 311-316.

Lavassas I., Nikolaidis G., Zervas P., Doudoumis I.N., Baniotopoulos C.C. (2002): "Analysis and design of the 1 MW steel wind towers at mount Kalogerovouni Laconia", Proceedings of the 4th National Conference on Steel Structures, Patras 2002.

Lavassas, I., Nikolaidis, G., Zervas, P., Doudoumis, I.N. & Baniotopoulos, C.C, 2002, Analysis and Design of the 1MW Steel Wind Turbine Towers at Mount Kalogerovouni Laconia, Analysis and Design of the 1MW Steel Wind Turbine Towers at Mount Kalogerovouni Laconia, 272-280

Lazaridou M., Patmios E., 2002. Image Interpretation (Aerial Photography, Satellite Imagery) on Terrain Analysis and Evaluation. ISPRS TC VII and ISRS Symposium on "Resource and Environmental Monitoring", Hyderabad, India. IAPRS Vol. XXXIV, Part 7.

Lazaridou M., Patmios E., 2002. Skiathos, Greece. Image Interpretation on the Study of Environmental Subjects. International Conference: "Protection and Restoration of the Environment VI", Proceedings Volume III, pp. 1655-1662.

Liolios A., Profillidis V., Pitilakis K., Savidis S., Yeroyanni M., 2002, A nonconvex numerical approach to the dynamic soil-pipeline interaction induced by high-speed railway traffic, Proceedings of the International Conference of Nonsmooth/Nonconvex Mechanics with Application in Engineering, p. 417-423, Thessaloniki, July.

M. D. ZYGOMALAS, 2002, Bolted Joints in Thin Walled Cross Sections of type Z made Cold Formed Steel, The paramount Role of Joints into the Reliable Response of Structures, Advance Research Workshop, X. ΜΠΑΝΙΩΤΟΠΟΥΛΟΣ, ΖΗΤΗ, ΘΕΣΣΑΛΟΝΙΚΗ, 1, 159, 168

Makra K., Raptakis D., Chavez-Garcia F., 2002, Pitilakis K., How important is the detailed knowledge of a 2d soil structure for site response evaluation. Proceedings of the 12th European Conference on Earthquake Engineering, London – U.K., Sept. 9-13.

Makra K., Raptakis D., Chavez-Garcia F., 2002, Pitilakis K., How important is the detailed knowledge of a 2d soil structure for site response evaluation. Proceedings of the 12th European Conference on Earthquake Engineering, London – U.K., Sept. 9-13.

Mazzolani, F., Baniotopoulos, C.C., Perdikaris, P.C. & Mistakidis, E.S., 2002, Structural Integrity of Steel Constructions under Earthquake Actions,

PROCEEDINGS OF THE 4TH NATIONAL (GREEK) CONFERENCE ON STEEL STRUCTURES, 691-700

Meladiotis I., Veranis N. and Nikolaidis N., 2002, Arsenic contamination in Central Macedonia, Northern Greece : Extent of the problem and potential solutions, Proceedings of an International Conference on Protection and Restoration of the Environment VI, vol. II, Skiathos Isl., pp.913-920

Mpimpas H., Anagnostopoul-os P., Ganoulis J., 2002, Modeling of toxicants distribution in the Thermaikos Gulf, Proceedings of 5th International Conference on Hydroinformatics, Cardiff, UK., in CD-ROM.

Mpimpas H., Anagnostopoulos P., Ganoulis J., 2002, Modelling of heavy metals distribution in the Thermaikos gulf, Proceedings of the International Conference on Protection and Restoration of the Environment VI, Skiathos, 319-326.

Mpimpas H., Anagnostopoulos P., Ganoulis J., 2002, Modelling of toxicants distribution in the Thermaikos gulf, Proceedings of the 5th International Conference Hydroinformatics, Cardiff, 457-463.

Mpimpas H., Anagnostopoul-os P., Ganoulis, J., 2002, Modeling of heavy metals distribution in the Thermaikos Gulf, Proceedings of VI International Conference "Protection and Restoration of the Environment", Skiathos Island, Greece, 319-326.

N. Charalambakis and Th. Baxevanis, Non-homogeneities and non-uniformities in thermovisco-plastic shearing, Plasticity, Damage and Fracture at Macro, Micro and Nano Scales, edited by A.S. Khan and O.Lopez Pannies, Neat Press, pp. 636-638, 2002.

N. Charalambakis and Th. Baxevanis, Shear stability and homogenization of stratified thermoviscoplastic materials, Proceedings of the 4th GRACM, V. 4, pp. 1476-1481, Patras, 2002.

N. MYLOPOULOS, V. HRISSANTOU, D. TOLIKAS AND Y. MYLOPOULOS, (2002), "Modeling of Groundwater Flow and Sediment Transport in Kastoria Lake Watershed" Proc. 5th International Conference: "Water Resources Management in the Era of Transition" EWRA, Ed. G.Tsakiris, Athens, pp 330-337.

P Papadopoulos, A Athanatopoulou, "Seismic behaviour of dual systems with in-plane discontinuities", 12th ECEE, September 2002, London, UK .

P Papadopoulos, E Mitsopoulou, A Athanatopoulou, "Failure indices for R/C building structures", 12th ECEE (European Conference on Earthquake Engineering), September 2002, London, UK .

P.S. Dineva and G.D. Manolis, Seismic Wave Propagation in Multi-layered Cracked Geological Regions, Abstract (1 page) and Paper No. 642 (10 pages) in the CD-ROM Proceedings, The Twelfth European Conference on Earthquake Engineering (12th ECEE), Conference Organising Committee

Chairman: R. May, London, England, September 9-13, 2002, Elsevier Science, Oxford, 2002.

Patmios E., Lazaridou M., 2002. Photogrammetric and Remote Sensing Methods on the Study of Water Resources. ISPRS TC VII and ISRS Symposium on "Resource and Environmental Monitoring", Hyderabad, India. IAPRS Vol. XXXIV, Part 7.

Patmios E., Lazaridou M., 2002. Satellite Images of Very High Resolution on the Study of Monuments and Historical Centers and their wide surroundings. ISPRS Commission V Symposium, Corfu, Greece. International Archives of Ph. and RS, Volume XXXIV, part 5, pp. 446-450.

Pehlivanidis G. and Dermissis V. (2002), "A laboratory experimental apparatus for the study of ecohydraulics phenomena", Int. Conf. on protection and restoration of the environment, July 1-4, Thassos, Greece., pp 233-240.

Penelis, Gr. G. and Kappos, A.J., "3D pushover analysis: The issue of torsion", 12th European Conference on Earthquake Engineering (London, Sep. 2002), CD ROM Proceedings (Balkema), Paper 015.

Pitilakis K., Makra K., Raptakis D., 2002, Site effects and engineering practice: Recent considerations. Proceedings of the 4th Symposium on Implications of Recent Earthquakes on Seismic Risk, Tokyo – Japan, May 27-29.

Pitilakis K., Makra K., Raptakis D., 2002, Site effects and engineering practice: Recent considerations. Proceedings of the 4th Symposium on Implications of Recent Earthquakes on Seismic Risk, Tokyo – Japan, May 27-29.

Pitilakis K., Sextos A., Kappos A., 2002, A critical review of the role of spatial variability of ground motion, site conditions and soil-structure interaction in bridge engineering, Invited lecture in Proceedings of the 4th Symposium on Implications of Recent Earthquakes on Seismic Risk, Tokyo, 205-217.

Preftitsi, F., Zygomals, M. & Baniotopoulos, C.C., 2002, Numerical and Experimental Investigations of Aluminium Riveted Thin-Plate Connections Subjected to Tension Forces, PROCEEDINGS OF THE 4TH NATIONAL (GREEK) CONFERENCE ON STEEL STRUCTURES, 82-90.

Savvaiddis P., Lakakis K., 2002, Mapping of Traffic Conditions at Downtown Thessaloniki with the help of GPS Technology, Space Information – Technologies, Acquisition, Processing and Effective Application, Sofia, Bulgaria.

Savvaiddis P., Lakakis K., and Ifadis I., 2002, A Mobile Monitoring System for the Verification of Road Inclinations, Proceedings of Inter. Symp. on "Space Information - Technologies, Acquisition, Processing and Effective Applications", Sofia, 74-85.

Savvaidis P., Lakakis K., Ifadis I., 2002, A Mobile Monitoring System for the Verification of Road Inclinations, Space Information – Technologies, Acquisition, Processing and Effective Application, Sofia, Bulgaria.

Sextos A., Kappos A., Pitilakis K., 2002, Effect of analysis complexity on the calculated ductility demand of RC bridges. Proceedings of the 12th European Conference on Earthquake Engineering, London – U.K., Sept. 9-13.

Sextos, A., Kappos, A.J., Pitilakis, K.D., “Effect of analysis complexity on the calculated ductility demand of r/c bridge piers”, 12th European Conference on Earthquake Engineering, (London, Sep. 2002), CD ROM Proceedings (Balkema), Paper 653.

Statistical assessment of the vulnerability of unreinforced masonry buildings, Penelis Gr. G. – Kappos A. J. – Stylianidis K. C. – Lagomarsino S., Proceedings of the International Conference on Earthquake Loss Estimation and Risk Reduction, Bucharest, Romania 2002.

T.V. Rangelov and G.D. Manolis, Fundamental Solutions for Variable Density Elastodynamics, pp. 6 in the Book of Abstracts and pp. 275-282 Nonsmooth/Nonconvex Mechanics with Applications in Engineering, A Volume Dedicated to the Memory of Professor P.D. Panayiotopoulos, Edited by C.C. Baniotopoulos, Aristotle University, Thessaloniki, Greece, July 5-6, 2002, Ziti Editions, Thessaloniki, 2002.

Theodosiou Th., Chrisomallidou N., Tsikaloudaki K., 2002, Microclimate, open spaces and sustainable planning: a comparative analysis for the Mediterranean climate, Proceedings of the international conference Protection and Restoration of the Environment VI, Σκιάθος, 1393-1400.

Theodossiou, N., P. Latinopoulos and E. Fotopoulou, 2002, Estimation of wellhead protection areas under conditions of uncertainty, International Conference on Protection and Restoration of the Environment VI, 49 - 56, Skiathos.

Tika Th., 2002, Laboratory measurement of engineering soil properties – Invited Lecture. International Conference on Earthquake Risk Minimization, pp.129-172, Nicosia – Cyprus.

Veranis N. and Meladiotis I., 2002, The impact of mining to the surface and groundwaters of the Stratonis mining area, Chalkidiki Province, Northern Greece, Πρακτικά 6ου Πανελληνίου Υδρογεωλογικού Συνεδρίου, Ξάνθη, σελ. 269-278

Vyzoviti, D., Gavrielides, T., Mistakidis, E.S. & Baniotopoulos, C.C, 2002, Parametric Analysis of Axially Loaded SHS Gap K-Joints by means of 3-D F.E. Models, PROCEEDINGS OF THE 4TH NATIONAL (GREEK) CONFERENCE ON STEEL STRUCTURES, 99-108

Y. A. MYLOPOULOS, (2002), « Sustainable Urban Water Management: The shift from Supply to Demand-oriented policies », HYDRORAMA 2002,

“Integrated Water Management: The Key to Sustainable Water Resources”, EYDAP SA, Athens, p.p. 233-237.

Y. MYLOPOULOS & D. VAGIONA, (2002), « Perspectives of a Demand – Oriented water use policy in the industrial sector in the city of Thessaloniki », Proc. of International Conference “Protection & Restoration of the Environment VI”, Eds. A. Kougolos, A.Liakopoulos, G. Korfiatis, A. Koutsospyros & A. Demetracopoulos, Skiathos, Greece, Voll, pp. 217-224.

Y. MYLOPOULOS, A. MENTES & E. KOLOKYTHA, (2002), « Integrating economic and social aspects of the urban water policy in the city of Thessaloniki », Proc. of 5th International Conference “Water Resources Management in the Era of transition”, EWRA, Ed. G.Tsakiris, Athens, pp.184-192.

Y. Mylopoulos, A. Mentos & E. Kolokytha, 2002, Urban Water Demand Management: The city of Thessaloniki case, Proc. of 5th International Conference “Water Resources Management in the Era of transition”, EWRA, Ed. G.Tsakiris, Athens, pp.184-192.

Zeris, A. and Prinios P., 2002, Turbulence measurements of flow with free surface curvature over obstacle, accepted, Conference on Hydraulic Measurements and Experimentation, Estes Park, Colorado, USA.

A. Νανιόπουλος , «Εργασιακές κουλτούρες και δυνητικά θέματα σύγκρουσης μεταξύ των κοινωνικών εταίρων στις εμπορευματικές μεταφορές στην Ευρώπη», 15ο Εθνικό Συνέδριο Ελληνικής Εταιρίας Επιχειρησιακών Ερευνών, Τρίπολη, Νοέμβριος 2002, Τόμος πρακτικών.

A. Νανιόπουλος , «Μια μεθοδολογία Εντοπισμού των κοινωνικοοικονομικών επιπτώσεων από την εισαγωγή Νέων Τεχνολογιών και Νέων Μεθόδων Οργάνωσης Εργασίας στα Λιμάνια», 15ο Εθνικό Συνέδριο Ελληνικής Εταιρίας Επιχειρησιακών Ερευνών, Τρίπολη, Νοέμβριος 2002, Τόμος πρακτικών.

A. Νανιόπουλος, «Παροχή πληροφοριών προς οδηγούς μέσω πολλών μέσων. Η προσέγγιση του ερευνητικού έργου TRAVEL-GUIDE» , 1ο Διεθνές Συνέδριο για την Έρευνα στις Μεταφορές στην Ελλάδα, Αθήνα, Φεβρουάριος 2002, Τόμος πρακτικών.

Αναγνωστόπουλος Π., 2002, Ερευνητικές δραστηριότητες στα φαινόμενα ροής, 1η Διημερίδα Ελληνικού Πιλοτικού Κέντρου ERCOFTAC, Θεσσαλονίκη.

Αναγνωστόπουλος Π., Αυγητίδης Β., Κατσώνης Ε., 2002, Επεξεργασία αποβλήτων με τη μέθοδο των τεχνητών υγροτόπων στη Ν. Μάδυτο, Πρόσφατα Υδραυλικά Έργα στη Μακεδονία-Θράκη, Ημερίδα ΕΥΕ, Θεσσαλονίκη.

Αυγέρης, Ι., Πρίνος, Π., Καραμπάς, Θ., Κουτίτας, Χρ., 2002, Περιβαλλοντικός Σχεδιασμός Κυματοθραυστών Χαμηλής Στέψης για την προστασία Ακτών-Το Ευρωπαϊκό Πρόγραμμα DELOS”, 2ο Πανελλήνιο Συνέδριο Διαχείρισης και Βελτίωσης Παράκτιων Ζωνών, 307-316.

Βεράνης Ν., Κατιρτζόγλου Κ. και Μελαδιώτης Ι., 2002, Υδρογεωλογικές συνθήκες στην υπολεκάνη Λίμνης Κορώνειας, Νομού Θεσσαλονίκης, Πρακτικά 6ου Πανελληνίου Υδρογεωλογικού Συνεδρίου, Ξάνθη, σελ. 83-94

E. Kolokytha, Y. Myloroulos, A. Mentis, 2002, Social and economic aspects of urban water management. The city of Thessaloniki case, Proc. of International Conference "Protection & Restoration of the Environment VI", Eds. A. Kougiolos, A. Liakopoulos, G. Korfiatis, A. Koutsospyros & A. Demetracopoulos, Skiathos, Greece, Vol. III, pp. 1473-1480.

E. Mitsopoulou, I. Doudoumis, I. Galazoula, (2002): "Analytical Modelling of Reinforced Concrete Frame-Infill Walls Interaction, Using Inelastic Diagonal Struts With Unilateral Contact Interface Conditions", Proceedings of the International Conference on Nonsmooth/Nonconvex Mechanics, Thessaloniki 2002.

Kallioglou P., Tika Th. & Koninis G., 2002, Dynamic Behaviour of Compacted Clayey Soils. Proc. of 12th European Conference on EARTHQUAKE ENGINEERING, London, Paper Reference 723.

Κεχαγιάς Ε., Κατσιφάρακης Κ.Λ., 2002, Διαχείριση υδατικών πόρων σε μικρά νησιά: Η περίπτωση της Νισύρου, Πρακτικά. 1ου Περιβαλλοντικού Συνεδρίου Μακεδονίας, Θεσσαλονίκη, 170-175.

Κομνηνός, Ν. (2002) 'Τοπικά παραγωγικά συστήματα στην Ελλάδα και η ανάπτυξη περιφερειακών πόλων καινοτομίας', Forum για την Επιχειρηματικότητα στην Ελλάδα, Αθήνα, Υπουργείο Ανάπτυξης.

Μ. ΖΥΓΟΜΑΛΑΣ, 2002, Πλήρης Αποκατάσταση Συνέχειας Διατομής ΗΕΒ 100 με κοχλιωτή Σύνδεση. Πειράματα και Σχόλια., Δ' Εθνικό Συνέδριο Μεταλλικών Κατασκευών (ΠΑΤΡΑ), 508-516

Ποιοτική και ποσοτική ανάλυση των αστικών απορριμμάτων της Θεσσαλονίκης - Ε Παπαχρήστου, Ε. Νταρακάς, Ε. Μπέλλου, Δ. Ιωαννίδου, Κ. Αλιβάνης, Γ. Πετρίδης, Ι. Σαββίδης - 1ο Διεθνές Συνέδριο Ελληνικής Εταιρείας Διαχείρισης Στερεών Αποβλήτων (ΕΕΔΣΑ): Διαχείριση Στερεών Αποβλήτων για βιώσιμη ανάπτυξη στο 21ο αιώνα, Αθήνα, 28 Φεβ.-1 Μαρ. 2002

Τσικαλουδάκη Κ., Αραβαντινός Δ., 2002, Ανάπτυξη μοντέλων υπολογισμού της στάθμης φυσικού φωτισμού στο εξωτερικό περιβάλλον, πρακτικά του 7ου Εθνικού Συνεδρίου του Ι.Η.Τ, Πάτρα, τόμος Α', 333-340.

Τσικαλουδάκη Κ., Χρυσομαλλίδου Ν., Θεοδοσίου Θ., Σταθής Β., 2002, Συγκριτική αξιολόγηση των περιβαλλοντικών συνθηκών σε ελεύθερους αστικούς χώρους στην περιοχή της Θεσσαλονίκης, πρακτικά του 7ου Εθνικού Συνεδρίου του Ι.Η.Τ, Πάτρα, τόμος Α', 295-302.

Φωτοκαταλυτική οξειδωση και αποχρωματισμός της χρωστικής RR184 παρουσία ημιαγωγικών καταλυτών - Α. Παπαθανασίου, Ι. Πούλιος, Ε. Νταρακάς, Η. Χατζηαγγέλου, Ε. Παπαχρήστου - 7ο Εθνικό Συνέδριο για ήπιες μορφές ενέργειας, Πάτρα, 6-8/11/2002

Χ.ΠΥΡΓΙΔΗΣ , Χ. ΣΠΗΛΙΟΠΟΥΛΟΥ, Χ. ΦΩΚΑΣ, “ Διαμόρφωση δεικτών ποιότητας για την εξυπηρέτηση επιβατών και την υποδομή στο σιδηροδρομικό δίκτυο της Ελλάδας ”, Ανακοίνωση στο 1ο Διεθνές Συνέδριο «Έρευνα στις Μεταφορές» , Αθήνα , 21-22 / 02/ 2002, Πρακτικά Συνεδρίου

2003

‘Seismic performance of multistorey R/C buildings designed to the new Eurocode 8 (prEN-1998-1)’, Athanassiadou, C.J., Kappos, A.J and Ziakos, K., 1st FIB Symposium on Concrete Structures in Seismic Regions, Athens, Greece, May 2003, CD-ROM Proceedings, paper No. 018

‘Προσεγγιστική εκτίμηση φορτίων διατομής κατακορύφων στοιχείων πολυώρων κτιρίων από Ο/Σ’, Αθανασιάδου, Χ.Ι. και Τσώνος, Α.Γ., 14ο Ελληνικό Συνέδριο Σκυροδέματος, Κως, Οκτ. 2003, Πρακτικά, Τομ. Α, σελ. 177-185 και CD-ROM.

A SMALL VALLEY IN GREECE AND ITS BRIDGES THROUGHOUT THE CENTURIES M. Karaveziroglou, E. Karajianni, E. Stavrakakis, A. Vaggelakos, Proceedings of the 8th International Conference on Structural Studies, Repairs and Maintenance of heritage Architecture, Halkidiki 2003

Alexoudi M., Pitilakis K., Hatzigogos T., 2003, Vulnerability assessment and restoration process of gas system in Thessaloniki, Proceedings of the International Conference "Skopje Earthquake - 40 Years of European Earthquake Engineering, Skopje – Ohrid, Aug. 26-29.

Anagnostopoulos P., Koutras A., Seitani S., 2003, Numerical study of oscillatory flow past two cylinders in oblique arrangement, Proceedings of Computational Methods and Experimental Measurements XI (eds C.A. Brebbia, G.M. Carlomagno & P. Anagnostopoulos), Halikidiki, Greece, 455-464. Southampton: WIT Press.

Anagnostopoulos, A., C., Grammatikopoulos, N., I. and Stavridakis, I., E., 2003, “Influence of sand content on Strength and Durability of Cement – Acrylic resin Treated soil” The 56th Annual Canadian Geotechnical Conference and 4th joint IAH-CNC/CGS Conference, September 28 to October 1, 2003 in WINNIPEG, MANITOBA, CANADA, CD-pages 6.

Anagnostopoulos, A., C., Stavridakis, I., E. and Grammatikopoulos, N., I. 2003, “Engineering Behaviour of Cement – Acrylic Resin Treated Soft Clay”. An International Conference on Problematic Soils 28-30 July 2003 – Nottingham, United Kingdom Vol. 1, pp.183-188.

Assessment of the seismic vulnerability of unreinforced masonry buildings, Penelis Gr. G. –Kappos A. J. –Stylianidis K. C., Proceedings of STREMAH 2003, 8th International Conference on Structural Studies, Repairs and Maintenance of Heritage Architecture, Chalkidiki, Greece 2003, WIT Press, 2003, 575-584.

Athanassiadou, C.J., Kappos, A.J., and Ziakos, K. "Seismic performance of multistorey r/c buildings designed to the new Eurocode 8 (prEN-1998-1)", fib 2003 Symposium: Concrete Structures in Seismic Regions (Athens May 2003), CD ROM Proceedings, paper no. 018.

Baniotopoulos C.C., Lavasas I., Nikolaidis G., Zervas P., Doudoumis I.N. (2003): "Seismic Analysis and Design of the 1 MW Steel Wind Turbine Towers at Mount Kalogerovouni", Proceedings of the STESSA 2003 International Conference, Naples 2003.

CH. PYRGIDIS, "High speed railway networks - Selection of minimum horizontal curve radii", Ανακοίνωση στο 6ο World Congress in Railway Research (WCRR), Εδιμβούργο, 28-01/9/2003, Πρακτικά Συνεδρίου, σελ 902-908 .

Chatzinikos, K.T. & Baniotopoulos, C.C., 2003, On the Performance of Glass-Aluminium Curtain-Wall Systems of Mid-Rise Buildings during Seismic Events, PROCEEDINGS Xth INTERNATIONAL CONFERENCE ON METAL STRUCTURES, 246-255

Doudoumis I.N., Doudoumis N.I. (2003): "An Analytical Study On The Inelastic Seismic Behaviour Of Buildings Resting On Sliding Foundations", Proceedings of the FIB2003 International Symposium, Athens 2003.

Doudoumis I.N., Ignatakis I.C. (2003): "A Comparative Study On The Application Of Seismic Isolation Devices In A Multi-Storey Building", Proceedings of the FIB2003 International Symposium, Athens 2003.

Efstathiades, C., Zygomalas, M. & Baniotopoulos, C.C., 2003, Glass-Aluminium Cyrtain-Walls. System Optimization with Respect to Serviceability Criteria, PROCEEDINGS Xth INTERNATIONAL CONFERENCE ON METAL STRUCTURES, 282-289

G. Papadopoulos, A.K. Papadopoulou. Simple non-linear structural analysis of a steel portal frame subjected to fire. 5th EuroMech Solid Mechanics Conference, Thessaloniki, August 2003, p.404.

G.D. Manolis, C.G. Panagiotopoulos and K.P. Platsoukas, Heat Conduction in Graded Materials using Conformal Mapping, pp. 52-53 in the Book of Abstracts, 5th Euromech Solid Mechanics Conference (ESCM-5), Edited by E.C. Aifantis, Aristotle University, Thessaloniki, Greece, August 17-22, 2003, Giapoulis Publishers, Thessaloniki, 2003.

G.D. Manolis, R.P. Shaw, C.G. Panagiotopoulos and K.P. Platsoukas, Conformal Mapping Method for Heat Conduction in Graded Materials, Paper (6 pages) in Chapter 5 on Boundary Element Methods, CD-ROM Proceedings of the International Conference on Advances in Computational and Experimental Engineering and Science (ICCES'03), Organized by S.N. Atluri, D.E. Beskos and D. Polyzos, Corfu Island, Greece, July 24-29, 2003, Tech Science Press, Encino, California, 2003.

G.D. Manolis, T.V. Rangelov and R.P. Shaw, Conformal Mapping Methods for Non-homogeneous Green's Function in Elastodynamics, pp. 351-352 in the Book of Abstracts, 5th Euromech Solid Mechanics Conference (ESCM-5), Edited by E.C. Aifantis, Aristotle University, Thessaloniki, Greece, August 17-22, 2003, Giapoulis Publishers, Thessaloniki, 2003.

Ganoulis J., Anagnostopoulos, P., Mpimpas H., 2003, Fuzzy numerical simulation of water quality, Proceedings of the XXX IAHR Congress, Theme B: Urban and Rural Water Systems for Sustainable Development, Thessaloniki, 165-174.

Ganoulis J., Arfib B., De Marsily G., 2003, The hydraulics and seawater intrusion mechanisms of Almyros karst spring near Heraklion, Crete: In-situ measurements and numerical simulation, Proceedings of the XXX IAHR Congress, Theme B: Urban and Rural Water Systems for Sustainable Development, Thessaloniki, 597-604.

Ganoulis J., Kolokytha E., Mylopoulos Y., 2003, Multicriterion decision analysis for conflict resolution in transboundary river basins, Proceedings on CD-ROM of TRANSCAT Conference on Integrated Water Management of Transboundary Catchments, Venice, Italy.

Ganoulis J., Kolokytha E., Mylopoulos Y., 2003, Multicriterion decision analysis for evaluating water use in agriculture: A case study from Greece, Proceedings of the XXX IAHR Congress, Theme B: Urban and Rural Water Systems for Sustainable Development, Thessaloniki, 785-792.

Ganoulis J., Quartano K., 2003, Regional cooperative e-networks: The experience of "INWEB" in sharing transboundary water resources information and data, Proceedings of the XXX IAHR Congress, Theme E: Linkage between Education, Research and Professional Development in Water Engineering, Thessaloniki, 147-152.

Greek – Bulgarian cooperation for the integrated water management of the transboundary river basin of Nestos - The Greek case study - Mylopoulos Y., Kolokytha E., Papachristou E., Darakas E., Vagiona D. - 2nd International Conference on Ecological Protection of the Planet Earth, - Bio-Environment and Bio-Culture, Sofia – Bulgaria, 5-8 June 2003

I.E. Avramidis, K. Anastassiadis, A. Athanatopoulou, A. Katavelos, «The tale of the extraordinary cost of building earthquake resistant structures for totally elastic behaviour under the earthquake of planning», 14th Greek R/C Conference, Kos 2003 (in Greek).

Ifadis I. and Savvaidis P., 2003, Atmospheric Delay: Test of zenith wet delay models for the Balkan Countries, Proceedings of Inter. Symp. on "Modern Technologies, Education and Professional Practice in the Globalizing World", FIG International Symposium, Sofia, 6-7 November.

Ivaldi J.P., Ganoulis J., 2003, GIS setting of satellite images and digital terrain model for deep groundwater detection in karst environment: The case of Almyros spring, Heraklion, Crete, Proceedings of the XXX IAHR Congress, Theme B: Urban and Rural Water Systems for Sustainable Development, Thessaloniki, 589-596.

J. GANOULIS., E. KOLOKYTHA, Y. MYLOPOULOS. (2003), "Multicriterion Decision Analysis For Evaluating Water Use in Agriculture : A Case Study From Greece", XXX IAHR Congress, Thessaloniki, Greece, Theme B, pp 785-792.

J. Ganoulis., E. Kolokytha, Y. Mylopoulos.,2003, Multicriterion Decision Analysis For Evaluating Water Use in Agriculture : A Case Study From Greece, XXX IAHR Congress, Thessaloniki, Greece, Theme B, pp.785-792.

Kappos, A.J. and Panagopoulos, G. "Performance-based seismic design of 3d r/c buildings using inelastic analysis procedures", fib 2003 Symposium: Concrete Structures in Seismic Regions (Athens May 2003), CD ROM Proceedings, paper no. 111.

Kappos, A.J., and Panagiotopoulos, C., "Inelastic static analysis of infilled R/C buildings", ICCES'03 (Corfu, Greece, July 2003), CD ROM Proceedings.

Karambas Th., Kriezi E., Prinos P., Koutitas Ch., 2003, Breaking Wave Evolution over Monolithic Submerged Breakwaters: An Experimental and Numerical Study, Proc. Of 28th Coastal Engineering Conf., vol. 2, 1804-1815.

Karambas, Th.V., Avgeris, I., Prinos, P., 2003, Wave Reflection from Vertical Permeable Structures, Proc. of XXX IAHR Congress, Theme A, 401-408.

Kechagias E., Tselepidou K., Katsifarakis K.L., 2003, Planning water resources management in small islands. Typical cases from South Aegean, Greece, Proceedings of XXX IAHR Congress, Theme B, eds J. Ganoulis, P. Prinos, C. Maksimovic, V. Kaleris, Thessaloniki, 131-138.

Keramaris, E., Prinos, P., 2003, Measurements and Instrumentation in Hydraulic Research, Proc. of XXX IAHR Congress, Theme E, 211-215.

Konstantinidis, D. and Kappos, A.J. "Seismic evaluation of r/c buildings made of High-performance materials", International Conference on Advanced Materials for Construction of Bridges, Buildings and other Structures-III, (Sep. 2003, Davos, Switzerland), Vol. P5, Article 12, Berkeley El. Press 2005.

Koutandos, E., Prinos, P., Gironella, X., 2003, Floating Breakwaters Interaction with Waves-A Large-Scale Experimental Study, Proc. of XXX IAHR Congress, Theme A, 385-392.

Mergos, P., Sextos, A. and Kappos, A.J., "Seismic assessment of a major bridge using pushover analysis", Keynote lecture, ICCES'03 (Corfu, Greece, July 2003), CD ROM Proceedings.

- Monge O., Alexoudi M., Argyroudis S., Martin C., Pitilakis K., 2003, Vulnerability assessment of lifelines and essential facilities: About methods considered in RISK-UE project (WP06). Proceedings of the International Conference "Skopje Earthquake - 40 Years of European Earthquake Engineering, Skopje – Ohrid, Aug. 26-29.
- Monge O., Martin C., Pitilakis K., Alexoudi M., Argyroudis S., 2003, Methodes d' evaluation de la vulnerabilite des reseaux, proposees a l' occasion du projet RISK-UE, 6eme Colloque National de Genie Parasismique, AFPS, Palaiseau – France, July 1-3.
- Mpimpas H., Anagnostopoulos P., Ganoulis J., 2003, Simulation of cohesive and non-cohesive sediment distribution in the Thermaikos gulf (in Greek), Proceedings of the 9th Congress of the Greek Hydrotechnical Society, Thessaloniki, 547-554.
- Mpimpas H., Anagnostopoulos P., Ganoulis, J., 2003, Simulation of cohesive and non-cohesive sediments distribution in the Thermaikos Gulf, Proceedings of 30th IAHR Congress, Theme A, Thessaloniki, Greece, 17-24.
- P. Papadopoulos, A. M. Athanatopoulou, E. Mitsopoulou, «Parametric investigation of limit state before the collapse of dual planar R/C frames with the aid of damage indices», 14th Greek R/C Conference, Kos 2003 (in Greek).
- P.G. Papadopoulos, P. Lazaridis. Numerical experiment on influence of resonance on seismic response of buildings with low damping. 11th Conference on Computational Methods and Experimental Measurements, Sani, Chalkidiki, May 2003, p. 321-331.
- Pitilakis K., 2003, Site characterization and site response issues for seismic hazard analyses. Keynote lecture in Proceedings of the GNDT-MAE-SAFERR Conference, Seismic Risk in Urban Areas, Erice – Italy, May 26-28.
- Prinos, P., Sofialidis, D., 2003, Turbulent Flow over Periodic Hills”, Proc. of XXX IAHR Congress, Theme D, 655-662.
- Savvaidis P., 2003 Long Term Geodetic Monitoring of the Deformation of a Liquid Storage Tank Founded on Piles, Proceedings of 11th Inter. Symp. on "Deformation Measurements", Santorini.
- Sextos A., Kappos A., Pitilakis K., 2003, Seismic response of long R/C bridges: Effect of coupled ground motion variability and soil-foundation interaction, Proceedings of the FIB Symposium on Concrete Structures in Seismic Regions, Athens, May.
- Sextos, A., Kappos, A., and Pitilakis K “Seismic response of long concrete bridges: effect of coupled ground motion variability and soil-foundation interaction”, fib 2003 Symposium: Concrete Structures in Seismic Regions (Athens May 2003), CD ROM Proceedings, paper no. 206.

- Stavridakis, I. E., 2003, "Influence of grain- size on Strength and Slaking of Cement Stabilized clayey admixtures" The 56th Annual Canadian Geotechnical Conference and 4th joint IAHC-CNC/CGS Conference, September 28 to October 1 2003 in WINNIPEG, MANITOBA, CANADA, CD-pages 6.
- Stavridakis, I., E., 2003, "Influence of Composition of Soils on Their Stabilization by Cement". 12th Asian Regional Conference on Soil Mechanics and Geotechnical Engineering 4-8 August 2003, Singapore, Vol. 1, pp.545-548.
- Stavridakis, I.,E., 2003, "Effect of cement, compaction and strength on slaking for cement stabilized clayey admixtures" XIIIth European Conference on Soil Mechanics and Geotechnical Engineering, 25-28th August 2003, Prague, Vol. 1, pp.913-918.
- Tika T., Kallioglou P., Papadopoulou P., Pitilakis K., 2003, Shear modulus and damping of natural sands. Proceedings of the 3rd International Conference on Deformation Characteristics of Geomaterials, IS Lyon – France, Sept.
- Tika Th., Kallioglou P., Papadopoulou A. & Pitilakis K., 2003, Shear modulus and damping of natural sands. Proc. of 3rd International Conference on DEFORMATION CHARACTERISTICS OF GEOMATERIALS, Lyon, Vol.1, pp 401-407.
- Transborder cooperation between Greek and Bulgarian Institutes for the management of Nestos River - E. Papachristou, E. Darakas, D. Ioannidou, A. Belou - XXX IAHR Congress, SS3 Transboundary Water Issues, Thessaloniki, 24-29 August 2003
- Tsikaloudaki K., Aravantinos D., 2003, Estimating the outdoor illumination levels under clear sky conditions in Athens, Greece, Proceedings of the international conference ILLUMINAT, Cluj-Napoca Romania, 46.1-46.8.
- TSONOS, A.G., "Seismic Repair of Exterior R/C Beam-to-Column Subassemblages using Two-Sided and Three-Sided Jackets", Proceedings of International Conference on Computational and Experimental Engineering and Sciences (ICCES-2003), July 2003, Corfu Island, Greece, 6pp (αποδεκτή για παρουσίαση).
- Vafiadis M., Garefalakis D., Ganoulis J., 2003, Analysis of rainfall data from the experimental basin of Giofyros, Heraklion, Crete (in Greek), Proceedings of the 9th Congress of the Greek Hydrotechnical Society, Thessaloniki, 69-76.
- Y. MYLOPOULOS, E. KOLOKYTHA, A. MENTES & D. VAGIONA, (2003), "Urban Water Demand Management. The city of Thessaloniki, Greece, case study", International Conference "Advances in Water Supply Management" CCWI, Imperial College, London, U.K., pp.727-735.
- Y. Mylopoulos, E. Kolokytha, A. Mentis, D. Vagiona, 2003, Urban water demand management. The city of Thessaloniki-Greece case study,

International Conference "Advances in Water Supply Management", CCWI-Computers & Control in Water Industry-WATERSAVE Network, Imperial College London, UK , pp 721-726.

Yannopoulos S., Dermissi N. and Dimopoulos G., 2003, "Design of the Drainage and Seepage Control Measures of a Landfill at Thessaloniki, Greece", SARDINIA 2003, Proc. 9th Intern. Waste Management and Landfill Symposium, S. Margherita di Pula (Cagliari), Sardinia, Italy.

Zeris, A, Prinos, P., 2003, Coherent Structures Identification in Turbulent open Channel Flow with and without Bed Suction, Proc. of XXX IAHR Congress, Theme C vol.I, 97-102.

Zeris, A., Prinos, P., 2003, Turbulence Measurements of Flow with free Surface Curvature over Obstacle, Proc. of XXX IAHR Congress, Theme C vol.I., 149-156.

A. Μπουρνάζου & Ε. Ντουμανοπούλου, Ι. Τέγος, 2003, Ελκυστήρες οπλισμένου σκυροδέματος - πειραματική και αναλυτική διερεύνηση, 14ο Συνέδριο Σκυροδέματος

A. Νανιόπουλος, Γ. Παλάντζας, Χ. Κουρμπέτη, Χ. Κουτίτας, C. Wooldridge, Δ. Αγγελίδης, Π. Θεοδοσίου , «Διαδικασίες ενσωμάτωσης στα ECOPORTS και πιστοποίησης κατά PERS του λιμένα Θεσσαλονίκης», 3ο Πανελλήνιο Συνέδριο Λιμενικών Έργων, Εθνικό Μετσόβειο Πολυτεχνείο, Σχολή Πολιτικών Μηχανικών, 24-27/11/2003, Αθήνα, Ελλάδα.

A. Νανιόπουλος, Δ. Ναλμπάντης , «Συστήματα σταθερής τροχιάς στην πόλη της Θεσσαλονίκης. Ιστορική αναδρομή (1889-1968)», Διεθνές συνέδριο: «Σύγχρονα συστήματα Τραμ & Επιφανειακού Μετρό», Πανεπιστήμιο Πατρών, / ΣΕΣ / Περιφ. Δυτικής Ελλάδας, Πάτρα, Μάιος 2003, Τόμος πρακτικών.

Αβραμίδης Ι.Ε., "Ανάλυση των Κατασκευών", Γενική Εισήγηση, Πρακτ. 14ου Ελληνικού Συνεδρίου Σκυροδέματος, Κως, 15-17 Οκτ. 2003.

Αβραμίδης Ι.Ε., Αναστασιάδης Κ., Αθανασοπούλου Α., Καταβέλος Α., "Ο μύθος του επαχθούς κόστους αντισεισμικών κατασκευών που μελετώνται για ελαστική συμπεριφορά υπό τον σεισμό σχεδιασμού". Πρακτ. 14ου Ελληνικού Συνεδρίου Σκυροδέματος, Κως, 15-17 Οκτ. 2003.

ΑΘΑΝΑΣΙΑΔΟΥ, Χ. Ι., ΤΣΩΝΟΣ, Α. Γ., "Προσεγγιστική εκτίμηση φορτίων διατομής Κατακόρυφων Στοιχείων Πολυώροφων Κτιρίων από Ο/Σ", 14ο Ελληνικό Συνέδριο Σκυροδέματος, Κως, Οκτώβριος 2003, Τόμος Α', σελ. 177-185 (αποδεκτή για παρουσίαση).

Αξιολόγηση μεθόδων πρωτοβάθμιου προσεισμικού ελέγχου με κριτήριο τη συμπεριφορά των κτιρίων σε συγκεκριμένους σεισμούς, Στυλιανίδης Κ. Χ. - Κάππος Α. Ι. - Πενέλης Γ. Γ. - Ιγνατάκης Χ. Ε., Πρακτικά 14ου Ελληνικού Συνεδρίου Σκυροδέματος, Κως, 2003.

Αυγέρης, Ι., Πρίνος, Π., Καραμπάς, Θ., Κουτίτας, Χρ., 2003, Περιβαλλοντικός Σχεδιασμός Κατασκευών Χαμηλής Στέψης για την Προστασία Ακτών-Το

Ευρωπαϊκό Πρόγραμμα DELOS, 4η Διεθνής Έκθεση και Συνέδριο για την Τεχνολογία Περιβάλλοντος.

Γ. Α. Μυλοπουλος, Ε. Κολοκυθα, Ε. Παπαχρηστού & Ε. Νταρακας, 2003, Ολοκληρωμένη Διαχείριση Υδατικών Πόρων στη Διακρατική Λεκάνη του Ποταμού Νέστου, Πρακτικά 4ου Διεθνούς Συνεδρίου Τεχνολογίας Περιβάλλοντος, "HELECO 03", ΤΕΕ, Τόμος Α, Σελ. 224-231.

Γ. ΜΙΝΤΣΗΣ, Χ. ΤΑΞΙΛΤΑΡΗΣ, Χ. ΠΥΡΓΙΔΗΣ, Σ. ΜΠΑΣΜΠΑΣ, Μ. ΜΙΛΤΙΑΔΟΥ, Γ. ΜΙΧΑΗΛΙΔΗΣ, Α. ΤΣΟΥΚΑΛΑ, "Διερεύνηση δυνατοτήτων ένταξης τροchioδρομικού συστήματος σε πόλεις μεσαίου μεγέθους: Η περίπτωση της Λάρισας", Ανακοίνωση στο Διεθνές Συνέδριο «Σύγχρονα συστήματα τραμ και επιφανειακού μετρό», Πάτρα, 19-20/05 / 2003, Πρακτικά Συνεδρίου

Γ. Μπαλτζόπουλος, Ι. Τέγος, 2003, Ενίσχυση Κατασκευών Ο/Σ με Εξωτερικά Προεντεταμένα Ελάσματα Ινοπλισμένων Πολυμερών (FRP), 14ο Συνέδριο Σκυροδέματος

Γ. Μυλοπουλος, Ε. Κολοκυθα, Δ. Βαγιώνα & Α. Μεντες, 2003, Προοπτικές εξοικονόμησης νερού στο πολεοδομικό συγκρότημα της Θεσσαλονίκης, Πρακτικά 4ου Διεθνούς Συνεδρίου Τεχνολογίας Περιβάλλοντος, "HELECO 03", ΤΕΕ, Τόμος Α, Σελ. 362-368.

Γεωργακόπουλος Γ., Γιολδάσης Θ., Πουλιανάκης Κ., Κασιφαράκης Κ.Α., 2003, Διαχείριση των υδατικών πόρων στο πλαίσιο της βιώσιμης ανάπτυξης της Καρπάθου, Πρακτικά 9ου Συνεδρίου της Ε.Υ.Ε., Θεσσαλονίκη, 417-424.

Δ. Μακρής, Α. Νανιόπουλος, Χ. Κουτίτας, Γ. Παλάντζας, Σ. Σισμάνης, Κ. Χριστοδούλου, «Προσέγγιση τιμολογιακής πολιτικής για την εφαρμογή της οδηγίας 2000/59/ΕΚ στον λιμένα Θεσσαλονίκης», 3ο Πανελλήνιο Συνέδριο Λιμενικών Έργων, Εθνικό Μετσόβιο Πολυτεχνείο, Σχολή Πολιτικών Μηχανικών, 24-27/11/2003, Αθήνα, Ελλάδα.

Δ. Ναλμπάντης, Α. Πουλόπουλος, Α. Νανιόπουλος, Χ. Κουτίτας, Α. Βουλγαρόπουλος, Ε. Παπαχρήστου, Δ. Μακρής, «Η παραγωγή αποβλήτων από τα πλοία, υπολογιστικά στοιχεία και πραγματικότητα (Η περίπτωση του λιμένα Θεσσαλονίκης)», 3ο Πανελλήνιο Συνέδριο Λιμενικών Έργων, Εθνικό Μετσόβιο Πολυτεχνείο, Σχολή Πολιτικών Μηχανικών, 24-27/11/2003, Αθήνα, Ελλάδα.

ΔΕΙΓΜΑ ΕΞΕΛΙΞΗΣ ΓΕΦΥΡΩΝ ΣΤΗΝ ΚΕΝΤΡΙΚΗ ΕΛΛΑΔΑ Κραβεζύρογλου - Βέμπερ Μ., Καραγιάννη Ε., Σταυρακάκης Ε., Βαγγελάκος Α., Πρακτικά 14ου Ελληνικού Συνεδρίου Σκυροδέματος, Έκδοση ΤΕΕ, Κως 2003.

Δημοσθένους, Μ.Α., Κάππος, Α.Ι. και Παπακυριακού, Μ.Α. «Παραμετρική διερεύνηση απαιτήσεων εγκάρσιων οπλισμών σε υποστυλώματα σύμφωνα με τον Κυπριακό Αντισεισμικό Κώδικα και τον Ευρωκώδικα 8», 14ο Ελλ. Συνέδριο Σκυροδέματος, Κως, Οκτ. 2003, τ. Α, σελ. 304-315.

Δουδούμης Ι.Ν., Δουδούμης Ν.Ι., Ιγνατάκης Ι.Χ. (2003): "Εκτιμήσεις για την απαιτούμενη αντοχή ανωδομής οπλισμένου σκυροδέματος σε συστήματα σεισμικής μόνωσης βάσης κτιρίων", Πρακτικά 14ου Ελληνικού Συνεδρίου Σκυροδέματος, Κως 2003.

Δουδούμης Ι.Ν., Κοτανίδης Χ., Στεργιοπούλου Χ. (2003): "Μόρφωση διατομής γραμμικών φορέων από επί μέρους γραμμικά και επιφανειακά πεπερασμένα στοιχεία", Πρακτικά 14ου Ελληνικού Συνεδρίου Σκυροδέματος, Κως 2003.

Δουδούμης Ι.Ν., Φοροζίδου Ο.Η. (2003): "Στατική προσομοίωση του μνημείου της Ροτόντας Θεσσαλονίκης", Πρακτικά 14ου Ελληνικού Συνεδρίου Σκυροδέματος, Κως 2003.

Επισκευή και αντισεισμική ενίσχυση Δημοτικού Σχολείου Παλαιοχωρίου Χαλκιδικής, Ιγνατάκης Χ. Ε. - Στυλιανίδης Κ. Χ. - Τέγος Ι. Α., Πρακτικά 14ου Ελληνικού Συνεδρίου Σκυροδέματος, Κως, 2003.

Η ποιότητα νερών του διασυνοριακού ποταμού Νέστου - Ε. Παπαχρήστου, Ε. Νταρακάς - Ημερίδα: Διαχείριση Διακρατικών Υδρολογικών Λεκανών, ΤΕΕ, Τμήμα Ανατολικής Μακεδονίας, Α.Π.Θ., Δράμα 8 Φεβ. 2003

Ι. Τέγος, Ν. Χαλάτης, 2003, Γέφυρες από σκυρόδεμα υψηλού βαθμού μονολιθικότητας, 14ο Συνέδριο Σκυροδέματος

Κ. Anastasiadis, Ι. Ε. Avramidis, Α. Athanatoroulou "Critical comments on Eurocode 8 draft 8 No 5 / May 2002, part 1, Sections 3 and 4", fib-Symposium, Concrete Structures in Seismic Regions, 2003, ATHENS

Κάππος, Α.Ι. και Δημητρακόπουλος, Η.Γ. «Εφαρμογή ιξωδών αποσβεστήρων στην ενίσχυση υφισταμένων κτιρίων από σκυρόδεμα», 14ο Ελλ. Συνέδριο Σκυροδέματος, Κως, Οκτ. 2003, τ. Β, σελ. 452-463.

Κάππος, Α.Ι., Λεκίδης, Β.Α., Σαλονικιός, Θ.Ν., Αντωνιάδης, Κ.Κ. και Παρασκευόπουλος, Η.Α., "Συσχέτιση της Δομικής Βλάβης Κτιρίων Οπλισμένου Σκυροδέματος με Οικονομικές Απώλειες: Βαθμονόμηση βάσει δεδομένων από το σεισμό της Αθήνας (7-9-1999)", 14ο Ελλ. Συνέδριο Σκυροδέματος, Κως, Οκτ. 2003, τ. Α, σελ. 484-495.

Καραμπάς, Θ., Αυγέρης Ι., Πρίνος Π., 2003, Μαθηματική Προσομοίωση ανάκλασης και διάδοσης κυματισμών σε κυματοθραύστες με πρηνή από λιθορριπή", Πρακτικά 3ο Πανελλήνιο Συνέδριο Λιμενικών έργων, Ε.Μ.Π., 425-434, Αθήνα.

Καραμπάς, Θ., Χριστόπουλος Σ., Κουτίτας, Χρ, Πρίνος Π.,, 2003, Ομοιώματα πρόγνωσης και μετάδοσης κυματισμών για το σχεδιασμό των λιμενικών έργων: Σημερινές δυνατότητες και προοπτικές, Πρακτικά 3ο Πανελλήνιο Συνέδριο Λιμενικών έργων, Ε.Μ.Π., 415-424, Αθήνα.

Κουτάντος Ε., Πρίνος Π., 2003, Τυρβώδης ροή με ελεύθερη επιφάνεια πάνω από εμπόδιο-Η επίδραση της αναρρόφησης από τον πυθμένα, 9ο Πανελλήνιο Συνέδριο Ε.Υ.Ε., Θεσσαλονίκη, 461-468.

Κουτάντος Ε., Πρίνος Π., Gironella Χ., 2003, Πειραματική διερεύνηση της αποτελεσματικότητας πλωτού κυματοθραύστη, Πρακτικά 3ο Πανελλήνιο Συνέδριο Λιμενικών έργων, Ε.Μ.Π., Αθήνα, 231-240.

Κωνσταντινίδης, Δ. και Κάππος, Α.Ι. «Χρήση σκυροδεμάτων υψηλής επιτελεσματικότητας σε σεισμογενείς περιοχές», 14ο Ελλ. Συνέδριο Σκυροδέματος, Κως, Οκτ. 2003, τ. Γ, σελ. 208-226.

Λατινόπουλος, Π. , Ν. Θεοδοσίου, Α. Παπαγεωργίου, Α. Ξεφτέρης και Ζ. Μάλλιος, 2003, Διερεύνηση των υδατικών πόρων στη λεκάνη του Δήμου Μουδανιών Χαλκιδικής, 9ο Πανελλήνιο Συνέδριο Ε.Υ.Ε., 401 - 408, Θεσσαλονίκη.

Μ. ΠΙΤΣΙΑΒΑ - ΛΑΤΙΝΟΠΟΥΛΟΥ ,Χ. ΠΥΡΓΙΔΗΣ, “ Διερεύνηση της δυνατότητας δημιουργίας προαστιακού σιδηροδρόμου στη Ν.Α. περιαστική περιοχή της Θεσσαλονίκης και στη Χαλκιδική”, Ημερίδα ΤΕΕ/ΤΚΜ, 16 -4 - 2003, Θεσσαλονίκη

N. Myloroulos, Y.Myloroulos, D.Tolikas, E. Kolokytha & M. Karamanlidou,2003, Integrated water resources management plan for the restoration of lake Koronia, Greece.The case of exploitation of the deep aquifer, XXX IAHR Congress, Thessaloniki, Greece , Theme B, pp.637-643.

N. MYLOPOULOS, Y.MYLOPOULOS, D.TOLIKAS, E.KOLOKYTHA & M. KARAMANLIDOU (2003), “ Integrated water resources management plan for the restoration of lake Koronia, Greece.The case of exploitation of the deep aquifer”, XXX IAHR Congress, Thessaloniki, Greece, Theme B, pp 637-643.

Νταλίπης Δ. και Δερμίσση Ν., 2003, « Μέτρα και Πρακτικές Διαχείρισης Αστικών Απορροών και Επεξεργασία τους σε Φυσικά Συστήματα», HELECO, Τόμος πρακτικών σελ. 284-290, Αθήνα.

Νταλίπης Δ. και Δερμίσση Ν., 2003, «Διαχείριση αστικών απορροών και επεξεργασία τους σε φυσικά συστήματα», Ανακοίνωση στο 9ο Πανελλήνιο Συνέδριο της ΕΥΕ, Υδροτεχνικά, σελ. 3-10, Θεσσαλονίκη.

Ολοκληρωμένη διαχείριση υδατικών πόρων στη διακρατική λεκάνη του ποταμού Νέστου - Ι. Μυλόπουλος, Ε. Κολοκυθά, Ε. Παπαχρήστου, Ε. Νταρακάς - International Conference, Heleco '03, Αθήνα 30 Ιαν. – 2 Φεβ. 2003

Π.Γ. Παπαδόπουλος, Π. Λαζαρίδης. Αριθμητικό πείραμα για το συντονισμό κατασκευών με μικρή απόσβεση. 14ο Ελληνικό Συνέδριο Σκυροδέματος, Κως, Οκτώβριος 2003, τόμος 1, σελ. 550-557.

Πενέλης Γρ. Γ. - Πενέλης Γ.Γ. - Στυλιανίδης Κ.Χ. - Ιγνατάκης Χ.Ε. - Μοσχονάς Ι., 2003, "Στατικός και αντισεισμικός έλεγχος και ενίσχυση πύργου ΟΤΕ στη ΔΕΘ", Πρακτικά 14ου Ελληνικού Συνεδρίου Σκυροδέματος, Κως, 2003.

Πιπιλάκης Κ., Γκαζέπης Χ., Αναστασιάδης Α., 2003, Σεισμικές δράσεις σχεδιασμού στον ΕΑΚ 2000 και στον EC-8 – Προτάσεις για μια ακριβέστερη κατηγοριοποίηση των εδαφών και των συναφών συντελεστών φασματικής

ενίσχυσης, Πρακτικά 14ου Ελληνικού Συνεδρίου Σκυροδέματος, Κως, 15-17 Οκτωβρίου.

Προσεισμικός έλεγχος Νοσοκομείων και Σχολείων Περιφέρειας Κεντρικής Μακεδονίας, Στυλιανίδης Κ.Χ. - Κάππος Α. Ι. - Πενέλης Γ. Γ. - Ιγνατάκης Χ. Ε. - Καρακώστας Χ. Ζ., Πρακτικά 14ου Ελληνικού Συνεδρίου Σκυροδέματος, Κως, 2003.

Σ.Κ. Αναγνώστης, Ι.Α. Τέγος, Κ.Β. Παπανικολάου, 2003, Πειραματική και αναλυτική μελέτη πλακών κεφαλόδεσμων πασσάλων υπό κεντρική φόρτιση, 14ο Συνέδριο Σκυροδέματος

Στατικός και αντισεισμικός έλεγχος και ενίσχυση πύργου ΟΤΕ στη ΔΕΘ, Πενέλης Γρ. Γ. - Πενέλης Γ. Γ. - Στυλιανίδης Κ. Χ. - Ιγνατάκης Χ. Ε. - Μοσχονάς Ι., Πρακτικά 14ου Ελληνικού Συνεδρίου Σκυροδέματος, Κως, 2003.

Στυλιανίδης Κ.Χ. - Ιγνατάκης Χ.Ε. - Τέγος Ι. Α., 2003, "Επισκευή και αντισεισμική ενίσχυση Δημοτικού Σχολείου Παλαιοχωρίου Χαλκιδικής", Πρακτικά 14ου Ελληνικού Συνεδρίου Σκυροδέματος, Κως, 2003.

Στυλιανίδης Κ.Χ. - Κάππος Α.Ι. - Πενέλης Γ.Γ. - Ιγνατάκης Χ.Ε. - Καρακώστας Χ.Ζ., 2003, "Προσεισμικός έλεγχος Νοσοκομείων και Σχολείων Περιφέρειας Κεντρικής Μακεδονίας", Πρακτικά 14ου Ελληνικού Συνεδρίου Σκυροδέματος, Κως, 2003.

Στυλιανίδης Κ.Χ. - Κάππος Α.Ι. - Πενέλης Γ.Γ. - Ιγνατάκης Χ.Ε., 2003, "Αξιολόγηση μεθόδων πρωτοβάθμιου προσεισμικού ελέγχου με κριτήριο τη συμπεριφορά των κτιρίων σε συγκεκριμένους σεισμούς", Πρακτικά 14ου Ελληνικού Συνεδρίου Σκυροδέματος, Κως, 2003.

Στυλιανίδης, Κ.Χ., Κάππος, Α. Ι., Πενέλης, Γ.Γ. και Ιγνατάκης, Χ.Ε. «Αξιολόγηση μεθόδων πρωτοβάθμιου προσεισμικού ελέγχου με κριτήριο τη συμπεριφορά των κτιρίων σε συγκεκριμένους σεισμούς», 14ο Ελλ. Συνέδριο Σκυροδέματος, Κως, Οκτ. 2003, τ. Γ, σελ. 527-538.

ΤΣΩΝΟΣ, Α. Γ., "Αποδοτικότητα δίπλευρων-τρίπλευρων μανδυών για τη μετασεισμική ενίσχυση δοκιμών στύλων-κόμβων από Ο/Σ", 14ο Ελληνικό Συνέδριο Σκυροδέματος, Κως, Οκτώβριος 2003, Τόμος Β', σελ. 571-582 (αποδεκτή για παρουσίαση).

ΤΣΩΝΟΣ, Α. Γ., "Επισκευή κόμβων δοκού-υποστυλώματος με τη μέθοδο της καθαίρεσης και αποκατάστασης", 14ο Ελληνικό Συνέδριο Σκυροδέματος, Κως, Οκτώβριος 2003, Τόμος Β', σελ. 583-591 (αποδεκτή για παρουσίαση).

ΤΣΩΝΟΣ, Α. Γ., "Προσπάθεια μερικής αντικατάστασης οπλισμού συνδετήρων με χαλύβδινες ίνες στις σύγχρονες κατασκευές", 14ο Ελληνικό Συνέδριο Σκυροδέματος, Κως, Οκτώβριος 2003, Τόμος Β', σελ. 410-416 (αποδεκτή για παρουσίαση).

Φ. Κανδύλας, Ι. Τέγος,, 2003, Υπολογισμός συνεχούς πλάκας καταστρώματος σε γέφυρες με προκατασκευασμένες δοκούς πολλών ανοιγμάτων, 14ο Συνέδριο Σκυροδέματος

Χ. ΠΥΡΓΙΔΗΣ, «Ένταξη τροχιόδρομου σε αστικές περιοχές-Μεθοδολογία ελέγχου εφικτότητας όδευσης», Ανακοίνωση στο Διεθνές Συνέδριο «Σύγχρονα συστήματα τραμ και επιφανειακού μετρό», Πάτρα , 19-20/05 / 2003

Χ. ΠΥΡΓΙΔΗΣ, Γ. ΓΙΑΝΝΟΠΟΥΛΟΣ, “ Δυνατότητες και προϋποθέσεις λειτουργίας προαστιακού σιδηροδρόμου στην Κεντρική Μακεδονία”, Ημερίδα ΤΕΕ/ΤΚΜ, 16/04/03, Θεσσαλονίκη

Χ.Ε.Ιγνατάκης, Κ.Χ.Στυλιανίδης, Ι.Α.Τέγος,, 2003, Επισκευή και αντισεισμική ενίσχυση Δημοτικού Σχολείου Παλαιοχωρίου Χαλκιδικής, 14ο Συνέδριο Σκυροδέματος

2004

Alexoudi M., Pitilakis K., Hatzigogos T., 2004, Prioritization policy for seismic risk reduction of gas pipelines combining ground motion, vulnerability and socio-economic parameters. The case of Thessaloniki (Greece), Proceedings of the 11th International Conference on Soil Dynamics & Earthquake Engineering and 3rd International Conference on Earthquake Geotechnical Engineering Berkeley, USA, January.

Alexoudi M., Pitilakis K., Hatzigogos T., Anastasiadis A., 2004, The importance of site effects in the damage assessment, the emergency response and the mitigation strategy of gas system. The case of Thessaloniki, Proceedings of the 11th International Conference on Soil Dynamics & Earthquake Engineering & 3rd International Conference on Earthquake Geotechnical Engineering, Berkeley, USA, January.

Ambient noise horizontal-to-vertical spectral ratio for assessing site effects in urban environments: the case of Thessaloniki city (northern Greece), Panou A. - Theodulidis N. - Hatzidimitriou P. - Papazachos C. - Stylianidis K., Bulletin of the Geological Society of Greece vol. XXXVI, 2004, Proceedings of the 10th International Congress, Thessaloniki, April 2004.

Anagnostopoulos, A. C., Stavridakis, I., E. and Grammatikopoulos, N., I., 2004, “Improved Strength and durability of injected fine sands with an epoxy resin – sodium silicate grouts”. 5th International Conference on Ground Improvement Techniques, 22-23 March 2004, K. Lumpur, Malaysia, pp93-100.

Anagnostopoulos, A. C., Stavridakis, I., E. and Grammatikopoulos, N., I., 2004, “Improvement of Fine Sand Properties with Water Soluble Epoxy Resin Grouts”. Proceedings of Fifth International Conference on Case Histories in Geotechnical Engineering, New York, NY, April 13-17, 2004, CD-pages 8.

Anagnostopoulos, A., C., Grammatikopoulos, N., I. and Stavridakis, I., E., 2004, “Improvement of Physical and Mechanical Properties of Fine sand with one-shot and two shot process grouting”. Advances in geotechnical engineering, The Skempton Conference, Inst. of Civil Engineers, London, UK, Vol 2, pp.1019-1031.

- Anagnostopoulou G., Katsifarakis K.L., Koutitas C., 2004, Use of genetic algorithms and computational models in planning of oil slick combating networks”, e-proceedings of International Conference “Protection and Restoration of the Environment VII”, Mykonos, Greece.
- Apostolidis P., Raptakis D., Manakou M. & Pitilakis K., 2004, The use of microtremors for soil and site categorization in Thessaloniki city, Greece, Proceedings of the 2nd International Conference on Site Characterization ISC-2, Porto, September 19-22.
- Apostolidis P., Raptakis D., Manakou M. & Pitilakis K., 2004, The use of microtremors for soil and site categorization in Thessaloniki city, Greece, Proceedings of the 2nd International Conference on Site Characterization ISC-2, Porto, September 19-22.
- Apostolidis P., Raptakis D., Pitilakis K., 2004, The use of microtremors for the definition of soil properties and bedrock depth in an urban area, Proceedings of the 13th World Conference on Earthquake Engineering, Vancouver, B.C, Canada, August 1-6.
- Apostolidis P., Raptakis D., Pitilakis K., 2004, The use of microtremors for the definition of soil properties and bedrock depth in an urban area, Proceedings of the 13th World Conference on Earthquake Engineering, Vancouver, B.C, Canada, August 1-6.
- Athanassiadou, C., Karakostas, C., Kappos, A. and Lekidis, V., ‘Inelastic strength and displacement design spectra based on greek earthquake records’, 13th World Conference on Earthquake Engineering, Vancouver, Canada, August 2004, CD-ROM Proceedings, paper No. 2519
- Athanassiadou, C., Karakostas, C., Kappos, A.J., and Lekidis, V., “Inelastic strength and displacement design spectra based on greek earthquake records”, 13th World Conference on Earthquake Engineering, Vancouver, Aug. 2004, CD ROM Proceedings, Paper no. 2519.
- Avgeris, I., Karambas, Th., Prinos, P., 2004, Boussinesq Modelling of Wave Interaction with Porous Submerged Breakwaters, Proc. Of 29th Int. Conf. on Coastal Eng. (ICCE2004), vol. 1, 604-616, Portugal.
- Avramidis I. E. and Morfidis K., "Axially loaded generalized beam element on a two-parameter elastic foundation with semi-rigid connections and rigid offsets". Proc. 6th World Congress on Computational Mechanics (WCCM VI), Sept. 5-10, 2004, Beijing, China.
- Baniotopoulos, C.C. & Chatzinikos, K.T., 2004, Glass Facades of Mid-rise Buildings under Seismic Excitation, PROCEEDINGS OF THE COST C13 INTERNATIONAL CONFERENCE, IOS Press, 239-246
- Baniotopoulos, C.C., 2004, On the Design of the Prototype of Wind Turbine Towers, PROCEEDINGS COST C14 INTERNATIONAL CONFERENCE ON

THE IMPACT OF WIND AND STORM ON CITY LIFE AND BUILT ENVIRONMENT, 1-10

Betti, M., Stavroulakis, G.E. & Baniotopoulos, C.C., 2004, A Theoretical and Numerical Approach to the Design of Smart Beams under Stochastic Loading,, PROCEEDINGS OF THE 7TH NATIONAL (GREEK) CONGRESS ON MECHANICS, Vol. II, 336-341

Chatzinikos, K.T. & Baniotopoulos, C.C., 2004, Analysis of Building Glass-Aluminium Fac,ades Subjected to Wind Loading, PROCEEDINGS OF THE 4TH EUROPEAN & AFRICAN CONFERENCE ON WIND ENGINEERING, 257-265

Chatzinikos, K.T. & Baniotopoulos, C.C., 2004, Glass-Aluminium Fac,ades in Steel Buildings: Analysis of their Performance under Dynamic Loading, PROCEEDINGS OF THE 4TH EUROSTEEL, 2.3. 1-8

D. LATINOPOULOS, Y. MYLOPOULOS, (2004), "Efficiency and equity considerations on irrigation water pricing: a case study in Loudias river basin", Inter e-proceedings of International Conference "Protection & Restoration of the Environment VII, Mykonos, Greece

D.G. Talaslidis, G.D. Manolis, E.A. Paraskevopoulos and C.G. Panagiotoopoulos, Risk Analysis of Industrial Structures with Hazardous Materials under Seismic Input, Paper No. 2072 (14 pages), DVD-CD Proceedings of the 13th World Conference on Earthquake Engineering (13th WCEE), Vancouver, Canada, August 1-6, 2004, Mira Digital Publishers, Vancouver, Canada.

D.G. VAGIONA and Y.A. MYLOPOULOS, (2004), "Determinants of water use and perspectives of a demand-oriented water management in hotels in the city of Thessaloniki, Greece", e-proceedings of International Conference "Protection & Restoration of the Environment VII", Mykonos, Greece

Doukas I., Fotiou A., Ifadis I., Katsambalos K., Lakakis K., Petridou-Chrysochoidou N., Pikridas C., Rossikopoulos D., Savvaidis P., Tokmakidis K., and I.N. Tziavos, 2004, Displacement field estimation from GPS measurements in the Volvi area, FIG Working Week 2004, Athens, Greece, May 22-27.

Doukas I., Fotiou A., Ifadis I., Katsampalos K., Lakakis K., Petridou – Chrysochoidou N., Pikridas C., Rossikopoulos D., Savvaidis P., Tokmakidis K. and Tziavos I., 2004, Displacement field estimation from GPS measurements in the Volvi area, FIG Working Week, Athens, Greece.

Doukas, I.D., Fotiou, A., Ifadis I., Katsambalos, K., Lakakis, K., Petridou-Chrysochoidou, N., Pikridas, C., Rossikopoulos, D., Savvaidis, P., Tokmakidis, K., and Tziavos, I.N.: Displacement field estimation from GPS measurements in the Volvi area, FIG Working Week 2004, Athens, Greece, May 22-27, 2004.

Doukas, I.D., Ifadis, I., and Savvaidis, P.: Monitoring and analysis of ground subsidence due to water pumping in the area of Thessaloniki, Greece, FIG Working Week 2004, Athens, Greece, May 22-27, 2004.

E.KAMPRAΓΟΥ, Y.A. MYLOPOULOS, (2004) "Irrigation water consumption in TOEV Thalassias-Kremastis, in the river Nestos Delta area", e-proceedings of International Conference "Protection & Restoration of the Environment VII, Mykonos, Greece

G.D. Manolis, Generalized Conformal Mapping Methods for 2D/3D Variable Parameter Elastodynamics, pp. 49-50 in the Book of Abstracts of the 5th German-Greek-Polish Symposium on Advances in Mechanics (GGP-5), Edited by R. Kienzler, Bad Honnef, Germany, September 12-17, 2004, University of Bremen Publication, 2004.

G.D. Manolis, K.P. Platsoukas and E.A. Paraskevopoulos, Non-homogeneous Plates on Elastic Foundation: Fundamental Solutions and Applications, pp. 51-58 in Proceedings of the 7th National Congress on Mechanics (7th HSTAM), Vol. II, Edited by A. Kounadis, C. Providakis and G. Exadaktylos, Chania, Greece, June 24-26, 2004, Technical University of Crete Publication, 2004.

G.D. Manolis, P.S. Dineva and T.V. Rangelov, Wave Diffraction in Inhomogeneous Continua with Cracks by BIEM, pp. 289-291 in Proceedings of International Conference on Optoelectronics and Spectroscopy of Nano-Structured Thin Films and Materials (ICOSFM 2004), Edited by Yan Fang, Beijing, China, August 2-5, 2004, Special Issue of the Chinese Journal of Light Scattering, Vol. 17, No. 3, October 2005.

Ganoulis J., 2004, Engineering risk assessment and management of water resources and environmental protection, Proceedings on CD-ROM of the 6th International Conference on Hydro Science and Engineering (ICHE-2004), Brisbane, Vol. VI, 8-10.

Ganoulis, J., 2004, Environmental risk assessment from submarine outfalls, Proceedings on CD-ROM of the MWWD 2004 – 3rd International Conference on Marine Waste Water Disposal and Marine Environment, Catania, Italy.

Ifadis I., Mavridis A., and Savvaidis P., 2004, Internetic GIS: An Open System for Organic Agriculture Administration, Verification, and Planning, FIG Working Week 2004, Athens, Greece, May 22-27.

Ifadis I., Mavridis A., Savvaidis P., Doukas I., Petridou – Chrisohoidou N. and Lakakis K., 2004, Web-shared GIS: Multivalent applications enabling managerial activities in differentiated organizational and operational sectors of Agriculture via Internet, Modern Technologies, Education and Professional Practice in Geodesy and Related Fields, Sofia, Bulgaria.

Ifadis I., Mavridis A., Savvaidis P., Doukas I., Petridou-Chrysohoidou N., and Lakakis K., 2004, Web-shared GIS: Multivalent applications enabling managerial activities in differentiated organizational and operational sectors of

agriculture via Internet, Proceedings of Inter. Symp. on “Modern Technologies, Education and Professional Practice in Geodesy and Related Fields”, FIG International Symposium, Sofia, 4-5 November, 404-419.

Ifadis, I., Mavridis, A., Savvaidis, P., Doukas, I.D., Petridou-Chrysohoidou, N., and Lakakis, K.: Web-shared GIS: Multivalent applications enabling managerial activities in differentiated organizational and operational sectors of agriculture via Internet, FIG International Symposium "Modern Technologies, Education and Professional Practice in Geodesy and Related Fields", Sofia, 4-5 November 2004, pp. 404-419.

K. Baganas, A. Charalambopoulos and G.D. Manolis, On the Direct and Inverse Scattering Problem from a Spherical Inclusion Embedded in a Cylindrical Elastic Bounded Domain, pp. 31 in the Book of Abstracts and pp. 1-8 in Advances in Scattering and Biomedical Engineering, Proceedings of the Sixth International Workshop, Edited by D.I. Fotiadis and C.V. Massalas, Tselepovo, Ioannina, Greece, 18-21 September 2003, World Scientific, Singapore, 2004.

Kallioglou P., Tika T., Koninis G., Pitilakis K., 2004, Dynamic properties of natural cohesive soils from Greece and Cyprus, Proceedings of the 3rd International Conference on Earthquake Geotechnical Engineering, Berkeley – USA, Jan.

Kallioglou P., Tika T., Koninis G., Pitilakis K., 2004, Dynamic properties of organic soils. Proceedings of International Conference on Cyclic Behaviour of Soils & Liquefaction Phenomena, Bochum – Germany, March.

Kallioglou P., Tika Th., Koninis G. & Pitilakis K., 2004, Dynamic properties of natural cohesive soils from Greece and Cyprus. Proc. of the 3rd International Conference on Earthquake Geotechnical Engineering, Berkeley, Vol.1, pp.702-709.

Kappos, A.J., Panagiotopoulos, C., and Panagopoulos, G. “Derivation of fragility curves using inelastic time-history analysis and damage statistics”, ICCES'04 (Madeira, Portugal, July 2004), CD ROM Proceedings, 665-672.

Kappos, A.J., Paraskeva, T.S. and Sextos, A. G. “Seismic assessment of a major bridge using modal pushover analysis and dynamic time-history analysis”, Keynote lecture, ICCES'04 (Madeira, Portugal, July 2004), CD ROM Proceedings, 673-680.

Katsifarakis K.L, Petala Z., 2004, Combined use of genetic algorithms and boundary elements to optimize coastal aquifers' exploitation, e-proceedings of International Conference “Protection and Restoration of the Environment VII”, Mykonos, Greece.

Kokkalis A., Lakakis K., 2004, A Vehicle Guidance System Using GPS-GIS Integration in Highway Transportation, 8th AATT Conference, Beijing, China.

Kokkinaki-Daniil A., Karamanou Z., Tsikaloudaki K., 2004, Optimising the thermal and visual comfort conditions in the glazed Observatory of the Meteorological Bureau of the Aristotle University of Thessaloniki, Proceedings of the international conference Sustainable Architecture– PLEA 2004, Eindhoven, Ολλανδία, τόμος Ι, 513-518.

Konstantinidis, D., Kappos, A.J. and Izzuddin, B.A. “Analytical model for unconfined and confined high strength concrete under cyclic loading”, 13th World Conference on Earthquake Engineering, Vancouver, Aug. 2004, CD ROM Proceedings, Paper no. 2046.

Lakakis K., Savvaidis P., Ifadis I., Doukas I., 2004, Quality of Map-Matching Procedures Based on DGPS and Stand-Alone GPS Positioning in an Urban Area, FIG Working Week, Athens, Greece.

Lakakis, K., Savvaidis P., Ifadis M. I., and Doukas D. 2004, Quality of Map-Matching Procedures Based on DGPS and Stand-Alone GPS Positioning in an Urban Area, FIG Working Week 2004, Athens, Greece, May 22-27.

Lakakis, K., Savvaidis, P., Ifadis, I., and Doukas, I.D.: Quality of Map-Matching Procedures Based on DGPS and Stand-Alone GPS Positioning in an Urban Area, FIG Working Week 2004, Athens, Greece, May 22-27, 2004.

Latinopoulos, P, N. Theodossiou, Z. Mallios, A. Papageorgiou and A. Xefferis, 2004, GIS-based integrated water resources management in the greater area of the municipality of Moudania, International Conference on Protection and Restoration of the Environment VII, Mykonos.

M.D.Zygomalas & C.C.Baniotopoulos, 2004, FOUR-PLATE HEB-100 BEAM SPLICE BOLTED CONNECTIONS:TESTS AND COMMENTS, Connections in Steel Structures V Behaviour Strength & design (Amsterdam June 3-4/2004), 287-296

Manakou M., Raptakis D., Chavez-Garcia F., Makra K., Apostolidis P., Ptilakis K., 2004, Construction of the 3D geological structure of Mygdonian basin (N. Greece), Proceedings of the 5th International Symposium on Eastern Mediterranean Geology, Thessaloniki, Greece, 14-20 April.

Mavridis A., I. Ifadis, and P. Savvaidis, 2004, A ‘need’ or a ‘must’ for developing Governmental Agricultural GIS in Greece, International Conference on Information Systems and Innovative Technologies in Agriculture, Food, and Environment, Thessaloniki, April.

Mavridis A., I. Ifadis, and P. Savvaidis, 2004, Biological Farming System: Management and Certification through GIS models, International Conference on Information Systems and Innovative Technologies in Agriculture, Food, and Environment, Thessaloniki, April.

Mavridis A., I. Ifadis, and P. Savvaidis, 2004, Promoting the Implementation of an Information Network based on GIS for the Sustainable Development of Agriculture and of the Environment in Greece, International Conference on

Information Systems and Innovative Technologies in Agriculture, Food, and Environment, Thessaloniki, April.

Michalopoulos, A., Nikolaidis, T., Stavroulakis, G. & Baniotopoulos, C.C., 2004, Passive Control Design of Bridges by Means of Cable Nets, Form and Prestressing, PROCEEDINGS 4TH ECCOMAS Vol. II

MYLOPOULOS Y., ELEFThERiADOU E. & KAMPRAΓOU E. (2004). The transboundary catchment of River Nestos and the bilateral agreement between Greece and Bulgaria. ECO-Geowater conference, GI for International River Basin Management, Budapest, 3-5 June

MYLOPOULOS Y.A., ELEFThERiADOU E., KAMPRAΓOU E. (2004), "The transboundary catchment of River Nestos and the bilateral agreement between Greece and Bulgaria", Proc. of the Eco-Geowater Conf., GI for International River Basin Management, 3-5 June, Budapest, Hungary.

Nalmpantis Dimitrios, Naniopoulos Aristotelis, Bekiaris Angelos, Panou Mary, Gregersen Nils Peter, Baten Guido, Pardo Juan., "TRAINER" project: Pilot Applications for the Evaluation of New Driver Training Technologies", International Conference: "3rd International Conference on Traffic & Transport Psychology", 05-09/09/2004, Elsevier, Transportation Research Journal, Albert Hall, Nottingham, United Kingdom, Conference Proceedings.

Naniopoulos A, Palantzas G., Nalmpantis D., Theodosiou P. , "The chain management of ship-generated waste and cargo residues in the port of Thessaloniki", International Conference for the Protection and Restoration of the Environment VII, 28/06-01/07/2004, National Technical University of Athens (NTUA), Stevens Institute of Technology (SIT), Mykonos, Greece.

Naniopoulos A., Palantzas G., Nalmpantis D., Theodosiou P., "Towards an Integrated Environmental Management of Hellenic Ports", The 20st International Port Conference, Port Training Institute of Arab Academy for Science, Technology & Maritime Transport, 11-13/01/2004, Alexandria, Egypt.

Naniopoulos Aristotelis, Nalmpantis Dimitrios: , "Traveler information provision in urban areas using conventional and advanced systems". , International Conference: DPPGIS2004. Euroarch. Prague, Czech Republic., Conference Proceedings, 24-26/03/2004.

P.G. Papadopoulos, A.K. Papadopoulou. Analysis of a portal steel frame exposed to fire by use of a truss model. 8th Conference of Advanced Computational Methods on Heat Transfer. Lisbon, March 2004, p. 495-505.

P.S. Dineva, T.V. Rangelov and G.D. Manolis, Transient Wave Motion in a Cracked, Multi-layered Geological Region by the BEM, pp. 455-464 in Proceedings of 26th World Conference on the Boundary Element and Mesh Reduction Methods (BEM 26), Edited by C.A. Brebbia, Bologna, Italy, April 19-21, 2004, WIT Press, Southampton, 2004.

Papatolios K.T., Lakakis K., Haralabakis M., 2004, Integrated assessment of the stability of natural flysch slopes along Egnatia Highway, North Greece, 5th International Symposium on Eastern Mediterranean Geology, Thessaloniki, Greece.

Patmios E., Lazaridou M., 2004. Aspects on Photogrammetry and Remote Sensing Education at the Faculty of Civil Engineering in A.U.Th. XXth Congress of International Society for Photogrammetry and Remote Sensing (ISPRS), Istanbul, Turkey. The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Science, Vol. 34, Part B6, pp.43-47.

Patmios E., Lazaridou M., 2004. Remote Sensing on the study of Cultural Landscapes. ASPRS Annual Conference Proceedings, Denver, Colorado, USA. CD Proceedings, paper no. 184.

Petridou-Chrysohoidou N., Doukas I., Ifadis I., and Savvaidis P., 2004, Investigative testing of GPS receivers, Proceedings of Inter. Symp. on "Modern Technologies, Education and Professional Practice in Geodesy and Related Fields", FIG International Symposium, Sofia, 4-5 November, 80-88.

Petridou-Chrysohoidou, N., Doukas, I.D., Ifadis, I., and Savvaidis, P.: Investigative testing of GPS receivers, FIG International Symposium "Modern Technologies, Education and Professional Practice in Geodesy and Related Fields", Sofia, 4-5 November 2004, pp. 80-88.

Photocatalytic treatment of synthetic municipal wastewater - A. Antoniadis, E. Darakas, I. Poulis - ECOR-1. The first European Conference on Oxidation and Reduction Technologies for Ex-Situ and In-Situ Treatment of Water, Air and Soil, Sartorius College, Göttingen, Germany, April 25-28, 2004

Pitilakis K., Anastasiadis A., Alexoudi M., Argyroudis S., 2004, An Integrated Seismic Risk Management System for Hospital Facility Networks, Proceedings of the IHF Pan-Regional Conference - Towards the Smart Hospital, Thessaloniki, 4-7 November.

Pitilakis K., Gazepis C., Anastasiadis A., 2004, Design response spectra and soil classification for seismic code provisions, Proceedings of the 13th World Conference on Earthquake Engineering, Vancouver, B.C, Canada, August 1-6.

Pitilakis K., Kirtas E., Sextos A., Bolton M., Madabhushi G., Brennan A., 2004, Validation by centrifuge testing of numerical simulations for soil-foundation-structure systems", Proceedings of the 13th World Conference on Earthquake Engineering, Vancouver, B.C, Canada, August 1-6.

Pitilakis K., Raptakis D., Makra K., Ktenidou O.-J., Pandi K., Manakou M., Pitilakis D., Diagourtas D., 2004, Effects of surface and subsurface topography on strong ground motion at the city of Aegion, Greece, Proceedings of the 13th World Conference on Earthquake Engineering, Vancouver, B.C, Canada, August 1-6.

Pitilakis K., Raptakis D., Makra K., Ktenidou O.-J., Pandi K., Manakou M., Pitilakis D., Diagourtas D., 2004, Effects of surface and subsurface topography on strong ground motion at the city of Aegion, Greece, Proceedings of the 13th World Conference on Earthquake Engineering, Vancouver, B.C, Canada, August 1-6.

Prinos, P., Koutandos, E., Karambas, Th., 2004, Spectral Evolution of Breaking-Non Breaking Waves, Proc. Of 29th Int. Conf. on Coastal Eng. (ICCE2004), vol. 1., 295-304, Portugal.

Savvaidis P., Doukas I., Tziavos I., Kiratzi A., Savvaidis A., Koutoupes S., and Karantonis G., 2004, Evaluation and exploitation of earthquake damage to buildings based on GIS techniques, Proceedings of Inter. Symp. on "Modern Technologies, Education and Professional Practice in Geodesy and Related Fields", FIG International Symposium, Sofia, 4-5 November, pp. 420-430.

Savvaidis P., Ifadis I., and Doukas I., 2004, Monitoring and analysis of ground subsidence due to water pumping in the area of Thessaloniki, Hellas, FIG Working Week 2004, Athens, Greece, May 22-27.

Savvaidis, P., Doukas, I.D., Tziavos, I.N., Kiratzi, A., Savvaidis, A., Koutoupes, S., and Karantonis, G.: Evaluation and Exploitation Of Earthquake Damage To Buildings Based On GIS Techniques, FIG International Symposium "Modern Technologies, Education and Professional Practice in Geodesy and Related Fields", Sofia, 4-5 November 2004.

Semblat J.F., Parara E., Kham M., Bard P.Y., Pitilakis K., Makra K., Raptakis D., 2004, Site Effects: Basin Geometry vs Soil Layering, Proceedings of the 11th International Conference on Soil Dynamics & Earthquake Engineering and 3rd International Conference on Earthquake Geotechnical Engineering Berkeley, USA, January.

Semblat J.F., Parara E., Kham M., Bard P.Y., Pitilakis K., Makra K., Raptakis D., 2004, Site Effects: Basin Geometry vs Soil Layering, Proceedings of the 11th International Conference on Soil Dynamics & Earthquake Engineering and 3rd International Conference on Earthquake Geotechnical Engineering Berkeley, USA, January.

Sextos, A., Kappos, A.J., and Mergos, P. "Effect of soil-structure interaction and spatial variability of ground motion on irregular bridges: The case of the Krystallopigi bridge", 13th World Conference on Earthquake Engineering, Vancouver, Aug. 2004, CD ROM Proceedings, Paper no. 2298.

Stavridakis, I., E., 2004, "The effect of Bentonite on Strength and Durability of Cement Stabilized clayey admixtures" 5th International Conference on Ground Improvement Techniques, 22-23 March 2004, K. Lumpur, Malaysia, pp297-304.

Stavridakis, I., E., 2004, "The effect of soaking conditions on durability of cement treated clayey – sand admixtures". 15th South - East Geotechnical Conference (SEAGC) "Development in Geotechnical

- Engineering for Practice". Bangkok, Thailand, November 23-26, 2004, pp 569-574.
- Stavroulakis G., Marinova D., Foutsitzi G., Hadjigeorgiou E. & Baniotopoulos C.C, 2004, Robust Control Design of Smart Beams, PROCEEDINGS 4TH ECCOMASVol. II
- Stavroulakis, G.E. & Baniotopoulos, C.C., 2004, Active Control Against Wind-induced Vibrations in Structural Dynamics, PROCEEDINGS COST C14 INTERNATIONAL CONFERENCE ON THE IMPACT OF WIND AND STORM ON CITY LIFE AND BUILT ENVIRONMENT, F9.1, 10
- Theodossiou, N. and P. Latinopoulos, 2004, Water resources management in the context of time and space variability, International Conference on Protection and Restoration of the Environment VII, Mykonos.
- Tika T., Kallioglou P., Papadopoulou P., Pitilakis K., 2004, The influence of fines on the dynamic properties of sands, Proceedings of A.W.Skempton Memorial Conference, London – U.K, March.
- Tika Th., Kallioglou P., Papadopoulou P. & Pitilakis K., 2004, The influence of fines on the dynamic properties of sands. Proc. of A.W. SKEMPTON MEMORIAL CONFERENCE, London, Vol.1, pp. 642-653.
- Tranos M., Meladiotis I. and Tsolakopoulos E., 2004, Geometrical characteristics, scaling properties and seismic behavior of the faulting of the Chortiatis region and Anthemountas basin (Northern Greece), Proceedings 5th International Symposium on Eastern Mediter. Geol., Thessaloniki, 14-20 April., pp.289-299
- TSONOS, A.G., "Effectiveness of CFRP-Jackets and RC-Jackets in Post-Earthquake and Pre-Earthquake Retrofitting of Beam-Column Subassemblages", Proceedings of 13th World Conference on Earthquake Engineering, Vancouver, B.C., Canada, August 1-6, 2004, paper No 2558, 12pp (poster).
- TSONOS, A.G., "Effectiveness of CFRP-Jackets and RC-Jackets in Post-Earthquake Retrofitting of Beam-Column Subassemblages", Proceedings of International Conference on Computational and Experimental Engineering and Sciences (ICCES-2004), July 2004, Madeira, Portugal, 6pp (αποδεκτή για παρουσίαση).
- V. Kalpakides, D. Sfyris and N. Charalambakis, Some variational arguments on the continuum theory of dislocations within non-linear elastostatics, The First International Conference on Computational Mechanics (CM '04), Belgrade, 2004.
- Y. MYLOPOULOS, E. ELEFThERiADOU & E. KAMPRAGOU, (2004), «The transboundary catchment of River Nestos and the bilateral agreement between Greece and Bulgaria», Proceedings of the Eco-Geowater Conference

“GI for International River Basin Management”, Budapest University of Technology and Economics, pp 153-162.

Y. MYLOPOULOS, E. KOLOKYTHA, D. VAGIONA (2004), «Transboundary Water Management In Nestos River The European “Iron Curtain” Project». e-proceedings of International Conference: «Protection Restoration of the environment VII, Vol.III, pp.1481-1487, Mykonos, Greece.

Y. Mylopoulos, E. Kolokytha, D. Vagiona, 2004, Transboundary Water Management In Nestos River The European “Iron Curtain” Project. E-proceedings, International Conference: «Protection Restoration of the environment VII, Mykonos, Greece, e-proceedings.

Y.A MYLOPOULOS, E. KOLOKYTHA, E. KAMPRAΓΟΥ, D. VAGIONA, A. MENTES, D. LATINOPOULOS, E. ELEFTEPIADOU, I. IVANOV, E. BOURNASKI, M. BEERMANN, (2004), “Greek-Bulgarian cooperation in the transboundary Nestos/Mesta catchment area. Following the Iron Curtain approach”, Proceedings of the International Symposium of IRON CURTAIN project, Vienna 4 November.

Zygomalas M.D.& Baniotopoulos C.C., 2004, Full Strength I Beam splice Bolted Steel Connections, FINAL REPORT COCT C12: IMPROVEMENT OF BUILDINGS STRUCTURAL QUALITY BY NEW TECHNOLOGIES, Taylor & Francis Group, London 2004, 319-324

Zygomalas, M. & Baniotopoulos, C.C., 2004, Four-plated HEB100 Beam Splice Bolted Connections: Tests and Comments, In: Connections in Steel Structures V, Behaviour, Strength and Design, PROCEEDINGS OF THE VTH INTERNATIONAL WORKSHOP ON CONNECTIONS IN STEEL STRUCTURES, 287-295

Zygomalas, M.D. & Baniotopoulos, C.C., 2004, Full Strength I Beam Splice Bolted Steel Connections, FINAL REPORT COSTC12: IMPROVEMENT OF BUILDINGS’ STRUCTURAL QUALITY BY NEW TECHNOLOGIES, 319-324

Βασάλος, Ι., Κελεσιδης, Β., Κομνηνός Ν. (2004) ‘Πόλος Καινοτομίας Θεσσαλονίκης: Συνέργιες για τεχνολογική ανάπτυξη’, Πρακτικά Συνεδρίου ‘Η Θεσσαλονίκη και ο Ευρύτερος Χώρος: Παρελθόν, Παρόν, Μέλλον’, Θεσσαλονίκη, Εταιρεία Μακεδονικών Σπουδών, 137-155.

Γ. Παλάντζας, Α. Νανιόπουλος, Χ. Κουτίτας, Δ. Ναλμπάντης, «Διεθνείς τάσεις για την περιβαλλοντική διαχείριση λιμένων», 1ο Πανελλήνιο Περιβαλλοντικό Συνέδριο, 7-9/5/2004, Δημοκρίτειο Πανεπιστήμιο Θράκης, Ορεστιάδα, Ελλάδα.

Δουδούμης Ι.Ν., Καλλιουδάκης Ε.Δ. (2004): "Ανελαστική Στατική Ανάλυση του Ρωμαϊκού Τμήματος του Μνημείου της Ροτόντας", Πρακτικά 2ου Ελληνικού Συνεδρίου Ηπίων Επεμβάσεων σε Ιστορικές Κατασκευές, Θεσσαλονίκη 2004.

Νανιόπουλος Αριστοτέλης, Μπεκιάρης Ευάγγελος, Ναλμπάντης Δημήτριος, «Πληροφόρηση οδηγού μέσω πολλών μέσων: Οι οδηγίες σχεδιασμού του

ερευνητικού έργου TRAVEL-GUIDE», Διεθνές Συνέδριο: «1ο Διεθνές Συνέδριο: Φωτεινή Σηματοδότηση – Σύγχρονες Εξελίξεις. Συστήματα Τηλεματικής», 17-18/05/2004, Πανεπιστήμιο Πατρών, Σύλλογος Ελλήνων Συγκοινωνιολόγων. Συνεδριακό και Πολιτιστικό Κέντρο Πανεπιστημίου Πατρών, Πάτρα. Τόμος πρακτικών.

Νανιόπουλος Αριστοτέλης, Παλούκης Ευθύμιος, Ναλμπάντης Δημήτριος, «Εφαρμογές τηλεματικής στις αστικές μεταφορές μητροπολιτικών περιοχών: Η περίπτωση της Θεσσαλονίκης», Διεθνές Συνέδριο: «1ο Διεθνές Συνέδριο: Φωτεινή Σηματοδότηση – Σύγχρονες Εξελίξεις. Συστήματα Τηλεματικής», 17-18/05/2004, Πανεπιστήμιο Πατρών, Σύλλογος Ελλήνων Συγκοινωνιολόγων. Συνεδριακό και Πολιτιστικό Κέντρο Πανεπιστημίου Πατρών, Πάτρα. Τόμος πρακτικών.

Παπαθανασίου Γ., Παυλίδης Σπ., Χρηστάρας Β., Πιπιλάκης Κ., 2004, Φαινόμενα ρευστοποίησης που προκλήθηκαν από το σεισμό της Λευκάδας (14/08/03 Ms=6.4), Πρακτικά 10ου Διεθνούς Συνεδρίου Ελληνικής Γεωλογικής Εταιρίας, Θεσ/νίκη Απρίλιος.

Πεχλιβανίδης Γ., Δερμίσσης Β., και Πεχλιβανίδης Ηλ. (2004), “Έλεγχος του μήκους εισόδου του αλμυρού νερού σε ποταμούς και κανάλια”, 5ο εθνικό συνέδριο της ελληνικής επιτροπής διαχείρισης υδατικών πόρων, Ξάνθη, σελ. 299-305.

Σ. Μητούλης, Ι. Τέγος., 2004, Παραμετρική Διερεύνηση της Αντισεισμικής Συμπεριφοράς των Γεφυρών με Προκατασκευασμένες Δοκούς και Συνεχή Πλάκα Καταστρώματος, 14ο Συνέδριο Σκυροδέματος

Σταυριδάκης Ι. Ε., 2004, “Βελτίωση των εδαφικών παραμέτρων με χρήση ενέσεων και μίξη εδάφους με χημικά πρόσθετα”. 1ο Πανελλήνιο Περιβαλλοντικό Συνέδριο (των Πανεπιστημιακών Περιβαλλοντικών Τμημάτων) «Σύγχρονα Περιβαλλοντικά Θέματα», 7-9 Μαΐου 2004, Νέα Ορεστιάδα, pp.653-661.

Σταυριδάκης Ι. Ε., 2004, “Μέθοδοι και εργαστηριακά μοντέλα υπολογισμού της διαβρωσιμότητας βελτιωμένων ή μη εδαφών με χημικά πρόσθετα”. 1ο Πανελλήνιο Περιβαλλοντικό Συνέδριο (των Πανεπιστημιακών Περιβαλλοντικών Τμημάτων) «Σύγχρονα Περιβαλλοντικά Θέματα», 7-9 Μαΐου 2004, Νέα Ορεστιάδα, pp.662-669.

Χ. ΠΥΡΓΙΔΗΣ, «Εκτίμηση και σύγκριση του χρόνου μεταφοράς με όλα τα επιβατικά μέσα στη διαδρομή Θεσσαλονίκη –Αθήνα», Ανακοίνωση στο 2ο Διεθνές Συνέδριο «Έρευνα στις Μεταφορές» Αθήνα, 26-27/ 02/2004, Πρακτικά Συνεδρίου ,σελ.573-582

Χ. ΠΥΡΓΙΔΗΣ, Δ.ΠΟΛΙΤΟΥ, «Η πολιτική της Ευρωπαϊκής Ένωσης για τις σιδηροδρομικές μεταφορές. Το δεύτερο σιδηροδρομικό «πακέτο» οδηγίων», Ανακοίνωση στο 2ο Διεθνές Συνέδριο «Έρευνα στις Μεταφορές», Αθήνα ,26-27/ 02/2004, Πρακτικά Συνεδρίου ,σελ. 467-475

2005

CH.PYRGIDIS , “ Calculation of the gauge widening of a track with the aid of mathematical models”, Ανακοίνωση στο 8ο Διεθνές Συνέδριο Railway Engineering –2005, 29-30/06/05, Λονδίνο, Πρακτικά Συνεδρίου

‘Elastic and inelastic spectra for greek earthquakes, based on a representative set of records’, Athanassiadou, C., Kappos, A., Karakostas, C., Klimis, N., Lekidis, V., Margaris, V. and Theodulidis, N., 5th International Conference on Earthquake Resistant Engineering Structures, May 2005, Proceedings: “Earthquake Resistant Engineering Structures V”, WIT Press, pp.733-744.

‘Seismic behaviour of R/C buildings with setbacks designed to EC8’, Athanassiadou, C. and Bervanakis, S., 4th European Workshop on the Seismic Behaviour of Irregular and Complex Structures, Thessaloniki, Greece, August 2005, CD-ROM Proceedings, paper No. 14.

A. M. Athanatopoulou, A. Tsourekas, G. Papamanolis, “Variation of response with incident angle under two horizontal correlated seismic components”, 2005, ERES 2005, Fifth International Conference on Earthquake Resistant Engineering Structures, 30 May - 1 June 2005, Skiathos, Greece

Alexoudi M., Hatzigogos Th., Pitilakis K., 2005, A holistic methodology for mitigation strategy of water system. The case of Thessaloniki (Greece), Proceedings of 1st International Conference on Urban Disaster Reduction (1ICDR), January 18-20, Kobe, Japan.

Alexoudi M., Hatzigogos Th., Pitilakis K., 2005, Earthquake Risk Assessment of Gas System Based on Deterministic and Probabilistic Approach (Greece), Proceedings of the 9th International Conference on Structural Safety and Reliability, 19-22 June, Roma, Italy.

Ambrossino Giorgio, Naniopoulos Aristotelis, Nalmpantis Dimitrios., “La contribution des services de transport flexibles au developpement economique et a l’integration sociale”., International Conference: “20th Polis Conference”, 09-10/11/2005, Polis Network, Hotel de Ville de Paris, Paris, France, Conference Proceedings.

Ampatzis A.T., Bisbos C.D., 2005, On a shakedown-based approach to the inelastic analysis of vertically irregular steel moment frames under seismic loads, CDROM Proceedings of the 4th European Workshop on the Seismic Behaviour of Irregular and Complex Structures (4th EWICS) Ed. Kappos A., Paper No. 53.

Anagnostopoulos P., Koutras A., Seitani S., 2005, Numerical study of oscillatory flow past a pair of cylinders in a side-by-side arrangement, Proceedings of 24th International Conference on Offshore Mechanics and Arctic Engineering (OMAE 2005), Halikidiki, Greece, IMECE 2005-67225, in CD-ROM.

Androulidakis I.S., Kombiadou K. & Krestenitis Y.N., 2005, Modelling of Marine Structures' Contribution in Coastal Sediment Transport – Case of Ouranoupoli Bay, Protection and Restoration of the Environment VIII, Χανιά, 3-7.07.05

Antoniades, K.K., Salonikios, T.N., Kappos, A.J., “Estimating strength of FRP-strengthened R/C walls”, fib Symposium Keep Concrete Attractive, Budapest, Hungary, May 2005, vol. 1, 436-443.

Argyroudis S., Argyriou N., Chatzis I., Pitolakis K., 2005 , Seismic Fragility Curves of Shallow Tunnels, Proceedings of the 11th International Conference of International Association of Computer Methods and Advances in Geomechanics, Turin, 19-24 June

Argyroudis S., Pitolakis K., Anastasiadis A., 2005, Roadway Network Seismic Risk Analysis in Urban Areas: The case of Thessaloniki – Greece, Proceedings of the International Symposium of GEOLINE, Lyon, France, 23-25 May.

Athanassiadou, C., Kappos, A., Karakostas, C., Klimis, N., Lekidis, V., Margaritis, V., and Theodulidis, N., “Elastic and inelastic spectra for Greek earthquakes, based on a representative set of records”, Earthq. Resistant Engineering Structures V (ERES 2005), WIT Press, 2005, 733-743.

Aureli A., Ganoulis J., 2005, The UNESCO project on internationally shared aquifer resources management (UNESCO/ISARM): Overview and recent developments, Proceedings of the 7th Hellenic Hydrogeological Conference, Hellenic Chapter of IAH, Ed. Stournaras G., Athens, Vol. II, 35-46.

Axioti E., Doukas I., and Savvaidis P., 2005, Use of GIS for the preparation of an action plan for seismic risk management in the city of Thessaloniki, Proceedings Inter. Symp. on “Modern Technologies, Education and Professional Practice in Geodesy and Related Fields”, FIG International Symposium, Sofia, 3-4 November, pp. 560-569.

Axioti, E., Doukas, I.D., and Savvaidis, P.: Use of GIS for the preparation of an action plan for seismic risk management in the city of Thessaloniki, FIG International Symposium "Modern Technologies, Education and Professional Practice in Geodesy and Related Fields", Sofia, 3-4 November 2005, pp. 560-569.

CH.PYRGIDIS ,A .MOURATIDIS,S.TZAVARA , “Railway structures— Peculiarities /differences in relation with road structures”, Ανακοίνωση στο 8ο Διεθνές Συνέδριο Railway Engineering –2005, 29-30/06/05,Λονδίνο,Πρακτικά Συνεδρίου

Chariton Xenidis, Triantafyllos Makarios, Asimina Athanatopoulou, , “Numerical Verification of Optimum Translational Vibration of Asymmetric Multi-storey Buildings With Vertical Mass Axis” , 4th European Workshop on the seismic behaviour of irregular and complex structures, 2005, Thesaloniki, Greece, 26-27 August, paper No 35.

Chatzinikos K.T. & Baniotopoulos C.C., 2005, Glass-Aluminium Facades in Steel Buildings: Analysis of their Performance under Dynamic Loadings, Proceedings 4th EUROSTEEL Conference, 188, 196

Chávez J. R. G., Tsikaloudaki K., 2005, Potential of innovative daylighting and passive cooling systems for achieving luminous and thermal comfort in commercial buildings, Proceedings of the international conference Passive and low-energy cooling for the built environment - Palenc 2005, Σαντορίνη, τόμος Ι, 507-513.

D. G. VAGIONA, Y.A. MYLOPOULOS, (2005), "A common approach to sustainable development in Prespa Lake system", CEST 2005, 9th International Conference on Environmental Science and Technology, Rhodes island, Greece

D. LATINOPOULOS, Y. MYLOPOULOS, (2005), « Optimal allocation of land and water resources in irrigated agriculture by means of goal programming : Application in Loudias river basin, Proc. 9th Intern. Conf. On Environmental Science and Technology, Rhodes island.

Dimitrakopoulos, El. and Kappos, A.J., "Assessment of a seismically isolated bridge using inelastic time-history analysis", 4th European Workshop on the Seismic Behaviour of Irregular and Complex Structures, Thessaloniki, Aug. 2005, Paper no. 55.

Doudoumis I.N., Deligiannidou J., Kelesi A. (2005): " Analytical modeling of masonry-infilled timber truss-works", Proceedings of the 5th GRACM International Congress on Computational Mechanics, Limassol 2005.

Doudoumis I.N., Gravalas F., Doudoumis N.I. (2005): "Analytical modeling of elastomeric lead-rubber bearings with the use of finite element micromodels", Proceedings of the 5th GRACM International Congress on Computational Mechanics, Limassol 2005.

Doudoumis N.I., Doudoumis I.N., Gravalas F. (2005): "Effects of vertical irregularities on the seismic behaviour of multi-storey buildings with base isolation", Proceedings of the 4th European Workshop on Irregular and Complex Structures, Thessaloniki 2005.

Doukas, I.D. and Ifadis, I.: The historical evolution of the Geographical Information Systems, Scientific Congress "The development of instruments, methods and systems of the Sciences of Surveying in Greece", April 15-16 2005, Thessaloniki (in Greek).

Doukas, I.D., and Savvaidis, P.: Calibration of geodetic instruments in the facilities of the Laboratory of Geodesy and Geomatics, 1st National Congress on Metrology "Metrologia 2005", November 11-12, 2005, Athens (in Greek).

Doukas, I.D.: On the calibration of the geodetic (surveying) instruments, 1st National Congress on Metrology "Metrologia 2005", November 11-12 2005, Athens (in Greek).

Doukas, I.D.: The historical evolution of the science of Metrology, Scientific Congress "The development of instruments, methods and systems of the Sciences of Surveying in Greece", April 15-16 2005, Thessaloniki (in Greek).

E. Kolokytha, 2005, Indicators of Integrated Water Resources Management. The Case of Koronia Lake, 9th International Conference On Environmental Science And Technology (9th CEST) Rhodes Island, e-proceedings.

Efthimiou, E., Zygomas, M. & Baniotopoulos, C.C., 2005, Aluminium T-Stub Joints in Tension: A Numerical and an Experimental Approach, PROCEEDINGS OF THE 5TH NATIONAL (GREEK) CONFERENCE ON METAL STRUCTURES, 132-140

ELEFThERIADOU, E., MYLOPOULOS Y., (2005), "Conflict Resolution in the Management of Transboundary Catchments: Application in the Nestos River". 5th International Conference on Environmental Technology Heleco 2005, Athens, Greece 3-6 February (in Greek)

ELEFThERIADOU, E., MYLOPOULOS Y., (2005), «Transboundary Agreements for Water Resources Management: The Nestos example», 5th Conference of the Greek Water Resources Association, 6-9 April, Xanthi, Greece

G. Chatzigeorgiou and N. Charalambakis, Instability of continuously graded thermoviscoplastic materials under biaxial loading with "effective" instability analysis, Proceedings of the 6th International Congress on Thermal Stresses, Ed. F. Ziegler, R. Heuer and C. Adam, Volume 1, pp. 211-214, 2005.

G. Palantzas, C. Kontogiorgi, A. Naniopoulos, Ch. Koutitas, D. Nalmpantis, "Towards an integrated environmental management of the port of Piraeus", The 21st International Port Conference, 20-22/02/2005, Port Training Institute of Arab Academy for Science, Technology & Maritime Transport, Alexandria, Egypt.

G. Palantzas, C. Wooldridge, A. Naniopoulos, S. Theofanis, M. Boile, "European experiences in applying environmental management systems in ports: the case of PERS application in the ports of Thessaloniki and Piraeus, Greece" , 2005 Summer Conference, Transportation Research Board Committee ADC60 - Waste Management in Transportation, 17-19/07/2005, Charlotte, North Carolina, USA

G.D. Manolis, P.S. Dineva and T.V. Rangelov, Seismic Wave Scattering by Inhomogeneous Geological Deposits with Cracks, pp. 3-12 in Proceedings of the 5th International Conference on Earthquake Resistant Engineering Structures (ERES'05), Edited by C.A Brebbia, D.E. Beskos, G.D. Manolis and C.C. Spyrakos, Skiathos Island, Greece, May 30-June 1, 2005, WIT Press, Southampton, 2005.

G.D. Manolis, T.V. Rangelov and P.S. Dineva, Elastodynamic Fundamental Solutions for 2D Inhomogeneous Anisotropic Domains, pp. 45 in the Book of

Abstracts and pp. 471-478 in Volume 1, Proceedings of the 5th GRACM International Congress on Computational Mechanics (GRACM 05), Edited by G. Georgiou, P. Papanastasiou and M. Papadrakakis, Limassol, Cyprus, June 29-July 1, 2005, (also available at <http://www.ucy.ac.cy/~gracm05/e-Proceedings.htm>), Kantzilaris Publications, Nicosia, Cyprus, 2005.

G.D. Manolis, T.V. Rangelov and P.S. Dineva, Wave Scattering by a Sub-Surface Crack in an Inhomogeneous Elastic Half-plane, pp. 57 in the Book of Abstracts and pp. 282-287 in the Proceedings of the 10th Jubilee National Congress on Theoretical and Applied Mechanics, Volume 1, Edited by Y. Ivanov, E. Manoach and R. Kazandjiev, Varna, Bulgaria, September 13-16, 2005, Marin Drinov Academic Publishing House, Sofia, Bulgaria, 2005.

G.D. Manolis, The Master of Engineering Program on Earthquake-Resistant Design at Aristotle University, Presentation No. 6 (8 slides), CD Proceedings of the 2nd General Meeting of the Greek Departments of Civil Engineering, November 12, 2004, Athens, Greece, National Technical University of Athens Production, 2005.

Galiatsatou, P., Prinos, P., 2005, Analysis of dependence in a bivariate process of extreme waves and surges, Proc. Of 1st Int. Conf. ARABIAN COAST 2005, 221-225, Dubai, United Arab Emirates.

Galiatsatou, P., Prinos, P., Krestenitis Y., 2005, Bivariate extreme analysis of atmospheric pressure in the Aegean Sea, Proceedings of XXXI Int. Conf. IAHR, 3677-3686, Seoul, Korea.

Ganoulis J., Zardava K., Kiourtsidis C., 2005, Modelling river water quality from diffuse sources at the catchment scale, Proceedings of the XXXI IAHR Congress, Theme F: Fresh Water Crisis - Trends, Challenges and Global Change, Seoul, paper F05-5.

HISTORICAL TOWERS AND FORTIFIED HOUSES IN CENTRAL GREECE
A. Vaggelakos, M. Karaveziroglou, Proceedings of the 9th International Conference on Structural Studies, Repairs and Maintenance of heritage Architecture, Malta 2005

I. Tegos, A. Sextos, S.Mitoulis, M.Tsitotas, 2005, Contribution to the improvement of seismic performance of integral bridges, 4th European Workshop on the Seismic Behaviour of Irregular and Complex Structures

Implementation of the Directive 2000/60/EC for the protection and the management of the water recourses shared between Bulgaria and Greece - E. Darakas - 10th BNAWQ Scientific and Practical Conference (Water quality technologies and management in Bulgaria), pp. 130 – 137, Sofia, Bulgaria, February 24 – 25, 2005

Ivanyi P., Zygomas M. & Baniotopoulos C.C., 2005, On the Numerical Modeling of the Bolt Pull-Out Phenomenon from a Steel Plate in a Bolted Steel Connection, PROCEEDINGS 5TH GRACM Intern. Congress on Computational Mechanics, 151-159

Ivanyi P., Zygomalas M. & Baniotopoulos C.C., 2005, ON THE NUMERICAL MODELING OF THE BOLT PULL-OUT PHENOMENON FROM STEEL PLATE IN A BOLTED STEEL CONNECTION, 5th GRACM International Congress on Computation Mechanics.(Limasol 29/6/2005, 151-158

Ivanyi P., Zygomalas M. & Baniotopoulos C.C., 2005, Study of the Bolt Pull-Out Phenomenon from a Steel Plate., Xth INTERNATIONAL CONFERENCE ON CIVIL, STRUCTURAL & ENVIRONMENTAL COMPUTING (Rome 30.8.-2.9.2005), 156-157

Ivanyi, P., Zygomalas, M. & Baniotopoulos, C.C., 2005, Study of the Bolt Pull-Out Phenomenon from a Steel Plate, PROCEEDINGS Xth INTERNATIONAL CONFERENCE ON CIVIL, STRUCTURAL & ENVIRONMENTAL ENGINEERING COMPUTING, XXXV-156, 157

K. L. Katsifarakis, A. Avdelas, C. Anagnostopoulos, I. Doudoumis, G. Kalfakakou, K. Stylianidis (2005) "The Bologna process. A sceptical approach", Proceedings of the 5th AECEF Symposium on Civil Engineering in the Next Decade, Espoo, Finland 2005.

KAMPRAPOU E., ELEFTHERIADOU E., & MYLOPOULOS Y. (2005). "Implementing Equitable Water Allocation in Transboundary Basins: The case of the River Nestos/Mesta". 6th International Conference, European Water Resources Association, Menton, France, 7-10 September 2005

KAMPRAPOU E., ELEFTHERIADOU E., MYLOPOULOS Y., (2005), « Implementing Equitable Water Allocation in Transboundary Catchments: The Case of River Nestos/Mesta», 6th International Conference, European Water Resources Association, Menton, France, 7-10 September

Kappos, A. J. and Dimitrakopoulos, E., "Analysis and assessment of a seismically isolated bridge", Earthquake Resistant Engineering Structures V (ERES 2005), WIT Press, 2005, 625-635.

Kappos, A.J., Paraskeva, Th., Sextos, A., "Modal pushover analysis as a means for the seismic assessment of bridge structures", 4th European Workshop on the Seismic Behaviour of Irregular and Complex Structures, Thessaloniki, Aug. 2005, Paper no. 49.

Kaskaoutis G. D., Kambezidis D. H., Stavridakis I. E., 2005, "A preliminary study of the solar spectral irradiance components modification under different atmospheric conditions in an urban environment" International Conference SOLARIS 2005 ATHINA, 26-27 May 2005 pp.20-24.

Kaskaoutis G. D., Kambezidis D. H., Stavridakis I. E., 2005, "Goodness of the Ångström fit under different atmospheric conditions in an urban environment" International Conference SOLARIS 2005 ATHINA 26-27 May 2005 pp.26-30.

Katsifarakis K.L., Avdelas A., Anagnostopoulos C., Doudoumis I., Kalfakakou G., Stylianidis K., 2005, The Bologna process. A sceptical approach, Proceedings of 5th AECEF Symposium on Civil Engineering in the Next Decade, Finland, 55-58.

Koftis, Th., Prinos, P. 2005, "Improved Hydrodynamic Efficiency of Pontoon - Type Floating Breakwaters", Proceedings of XXXI Int. Conf. IAHR, 4047-4056, Seoul, Korea. .

Koftis, Th., Prinos, P., 2005, 2D-V Hydrodynamics of Double Floating Breakwaters, 5th Int. Conf. on Coastal Dynamics, Barcelona, Spain, 2005, (full paper available in CD-ROM).

Koftis, Th., Prinos, P., 2005, A Numerical Study on the Performance of a Catamaran-Shaped Floating Breakwater, Proceedings of 3rd IASME/WSEAS Int. Conf. on FLUID DYNAMICS & AERODYNAMICS, 212-217, Corfu, Greece.

Koftis, Th., Prinos, P., 2005, On the Hydrodynamic Efficiency of Floating Breakwaters", Proc. Of 1st Int. Conf. ARABIAN COAST 2005, 237-241, Dubai, United Arab Emirates.

KOLOKYTHA E., Y. MYLOPOULOS, A. KARAMINTZIOS (2005), " Transboundary water management & cooperation in Greece. The Axios river basin", 6th International Conference, European Water Resources Association EWRA, E-proceedings, Menton ,France.

KOLOKYTHA E., Y. MYLOPOULOS, A. KARAMINTZIOS (2005), " Transboundary water management & cooperation in Greece. The Axios river basin", EWRA, E-proceedings, Menton.

Kombiadou K. & Krestenitis Y.N., 2005, Fine Sediment Transport Model for the Simulation of Pollutants in the Coastal Environment, Protection and Restoration of the Environment VIII, Χαριά, 3-7.07.05

Kombiadou K. & Krestenitis Y.N., 2005, Mathematical Simulation of Pollutant Transport in Marine Environment, 9th International Conference on Environmental Science and Technology, Rhodes island, Greece, 1-3.09.05

Kotsiopoulos, A. & Baniotopoulos, C.C., 2005, New Offices Building of an Aluminium Extrusion Industrial Unit, PROCEEDINGS OF THE 5TH NATIONAL (GREEK) CONFERENCE ON METAL STRUCTURES, 45-52

Koutandos, E., Prinos, P., 2005, Design formulae for wave transmission behind floating breakwaters ", Proceedings of XXXI Int. Conf. IAHR, 4081-4089, Seoul, Korea.

Koutandos, E., Prinos, P., 2005, Flow through a porous rubble mound weir, Proceedings of XXXI Int. Conf. IAHR, 2536-2542, Seoul, Korea.

Koutandos, E., Prinos, P., 2005, Supercritical turbulent free surface flow over a semicircular obstacle, Proceedings of XXXI Int. Conf. IAHR, 1366-1376, Seoul, Korea, 2005.

Krestenitis Y.N., Kombiadou K. & Savvidis Y., 2005, Modelling sediment transport in coastal basins: The case of the Thermaikos Gulf, European Geosciences Union General Assembly 2005, Vienna, Austria, 24 – 29.04.05

Lavassas, I., Zervas, P., Nikolaidis, G. & Baniotopoulos, C.C., 2005, Repairing of a Highly Deformed Oil Storage Steel Tank Damaged Due to Extensive Soil Settlements, PROCEEDINGS OF THE 5TH NATIONAL (GREEK) CONFERENCE ON METAL STRUCTURES, 101-108

Lazaridou M., Patmios E., 2005. High Resolution Satellite Images on Subjects of Civil Engineering. Congress 6na Setmana Geomatica, Barcelona Spain. CD proceedings (R23) www.isprs.org/publications/related/semana-geomatica05/front/en/index.htm

Lazaridou M., Patmios E., 2005. Photogrammetry and Image Interpretation on the Study of Architectural and Natural Cultural Heritage. XX International Symposium of CIPA, Torino, Italy. Proceedings: www.cipa.icomos.org/fileadmin/papers/Torino2005/412.pdf

Lazaridou M., Patmios E., 2005. Remotely Sensed Data on the Study of the Wide Area of a Lake. Pecora 16 “Global Priorities in Land Remote Sensing” organized by EROS and ASPRS, Sioux Falls, South Dakota, USA. In CD Proceedings: ASPRS 2005- Pecora 16 Conference Proceedings.

Lekidis, V. A., Karakostas, Ch. Z., Sous, I. I., Anastasiadis, A., Kappos, A.J., and Panagopoulos, G., “Evaluation of economic loss for structures in the area struck by the 7/9/1999 Athens earthquake and comparison with actual repair costs”, Earthquake Resistant Engineering Structures V (ERES 2005), WIT Press, 2005, 301-310.

Manakou M., Raptakis D., Chavez-Garcia F., Apostolidis P., Pitilakis K., Hatzidimitriou P., Papazachos K., Vargemezis G., Karagianni E., Roumelioti Z., Galanis O., Tournas D., Kassaras I., Makropoulos K., Makra K., Anastasiadis A., Margaris V., Theodoulidis N., Savvaidis, Bard P.-Y., 2005, Design of a complex 3D geological - geotechnical structure combining geotechnical, geophysical and seismological data. The case of Mygdonian basin – Greece, Proceedings of the International Symposium of GEOLINE, Lyon, France, 23-25 May.

Manakou M., Raptakis D., Chavez-Garcia F., Apostolidis P., Pitilakis K., Hatzidimitriou P., Papazachos K., Vargemezis G., Karagianni E., Roumelioti Z., Galanis O., Tournas D., Kassaras I., Makropoulos K., Makra K., Anastasiadis A., Margaris V., Theodoulidis N., Savvaidis, Bard P.-Y., 2005, Design of a complex 3D geological - geotechnical structure combining geotechnical, geophysical and seismological data. The case of Mygdonian basin – Greece, Proceedings of the International Symposium of GEOLINE, Lyon, France, 23-25 May.

N. Charalambakis and G. Chatzigeorgiou, "Effective" instability analysis of non-homogeneous materials under plane stress conditions, Dislocations, Plasticity, Damage and Metal Forming : Material Response and Multiscale Modeling, Editors: A.S. Khan and A.R. Khoei, Neat Press, pp. 22-24, 2005.

N. Μυλοπουλος, Ε. Κολοκυθα, Α. Μεντες, Κ. Βογιατζακη, 2005, Ο Ρόλος Του Κοινωνικού Παράγοντα Στη Εξοικονόμηση Νερού Από Οικιακή Χρήση. Η Περίπτωση Της Πόλης Των Χανίων, Κρήτης, Διεθνές Συνέδριο Περιβάλλοντος, HELECO 2005, e-proceedings.

P.G. Papadopoulos, A. K. Papadopoulou, K.K. Papaioannou. Analysis of steel frame with pitched roof exposed to fire by a truss model. 5th GRACM International Congress on Computational Mechanics, Limassol, Cyprus, June 2005, vol. 1, p. 127-134.

P.G. Papadopoulos, J. Arethas, P. Lazaridis. Numerical study on the behavior of cables of cable-stayed bridges. 5th Conference on Earthquake Resistant Engineering Structures, Skiathos, May 2005, p. 473-484.

Papanikolaou, V.K. and Kappos, A.J., "Modelling confinement in concrete columns and bridge piers through 3D nonlinear finite element analysis", fib Symposium Keep Concrete Attractive, Budapest, Hungary, May 2005, vol. 1, 488-495.

Penelis, Gr. G. and Kappos, A.J., "Inelastic torsion effects in 3D pushover analysis of buildings", 4th European Workshop on the Seismic Behaviour of Irregular and Complex Structures, Thessaloniki, Aug. 2005, Paper no. 51.

Pitilakis K., Alexoudi M., Kakderi K., Manou D., Batum E., Raptakis D., 2005, Vulnerability analysis of water systems in strong earthquakes. The case of Lefkas (Greece) and Duzce (Turkey), Proceedings of the International Symposium on the Geodynamics of Eastern Mediterranean: Active Tectonics of the Aegean, June 15-18, Istanbul, Turkey.

Pitilakis K., Alexoudi M., Kakderi K., Manou D., Batum E., Raptakis D., 2005, Vulnerability analysis of water systems in strong earthquakes. The case of Lefkas (Greece) and Duzce (Turkey), Proceedings of the International Symposium on the Geodynamics of Eastern Mediterranean: Active Tectonics of the Aegean, June 15-18, Istanbul, Turkey.

Pitilakis K., Kirtas E., Rovithis E., 2005, Is it Possible to Improve the Seismic Structural Behaviour with Intervention to Subsoil and Foundation Conditions?, Proceedings of the 1st Greece-Japan Workshop: Seismic Design, Observation and Retrofit of Foundations, 185-202, Athens, Greece.

Pitilakis K., Manos G., Raptakis D., Makra K., Manakou M., Apostolidis P., Terzi V., 2005, Theoretical and experimental studies in EUROSEISTEST, Proceedings of the 5th International Conference in Soil Mechanics and Geotechnical Engineering: Satellite Conference on Recent Developments in Earthquake Geotechnical Engineering, Osaka, Japan, Sept.

Pitilakis K., Manos G., Raptakis D., Makra K., Manakou M., Apostolidis P., Terzi V., 2005, Theoretical and experimental studies in EUROSEISTEST, Proceedings of the 5th International Conference in Soil Mechanics and Geotechnical Engineering: Satellite Conference on Recent Developments in Earthquake Geotechnical Engineering, Osaka, Japan, Sept.

Pitilakis K., Ktenidou O.-J., Apostolidis P., Raptakis D. , Manakou M., Makropoulos K., Diagourtas D., 2005, Experimental & theoretical study of topographic effect, Proceedings of the 5th International Conference in Soil Mechanics and Geotechnical Engineering: Satellite Conference on Recent Developments in Earthquake Geotechnical Engineering, Osaka, Japan, Sept.

Pitilakis K., Ktenidou O.-J., Apostolidis P., Raptakis D. , Manakou M., Makropoulos K., Diagourtas D., 2005, Experimental & theoretical study of topographic effect, Proceedings of the 5th International Conference in Soil Mechanics and Geotechnical Engineering: Satellite Conference on Recent Developments in Earthquake Geotechnical Engineering, Osaka, Japan, Sept.

Prinos P., Avgeris I., Karambas Th., 2005, Low-crested structures: Boussinesq modeling of waves propagation, (invited paper), NATO Advanced Research Workshop (ARW) on "Environmentally Friendly Coastal Protection" , C. Zimmermann et al editors, 177-189, Springer Publishers.

Riedel B., Lakakis K., Results of landslide detection based on SAR Interferometry processing, FRINGE 2005 Workshop by European Space Agency, Frascati Italy.

S. Mitoulis, I. Tegos, 2005, Reduction of inertial seismic forces in long span bridges by using abutment backwalls as stoppers, Earthquake Resistant Engineering Structures (ERES 2005)

S.A. Mitoulis, I.A. Tegos, 2005, Reduction of seismic actions in bridges by developing the pounding interaction between the deck and appropriately reformed abutments, Engineering in 21st Century (EE-21C)

Savvaidis P., Doukas I., Tziavos I., Kiratzi A., Savvaidis A., Sotiriadis T., Koutoupes S., 2005, Use of web-based GIS for the assessment of damage due to natural or man-made disasters to the urban environment, Proceedings Inter. Symp. on "Modern Technologies, Education and Professional Practice in Geodesy and Related Fields", FIG International Symposium, Sofia, 3-4 November, 495-504.

Savvaidis P., Ifadis I., Lakakis K., Chalimourdas S., 2005, Use of Robotic Total Stations for Landslide Monitoring, Modern Technologies, Education and Professional Practice in Geodesy and Related Fields, Sofia, Bulgaria.

Savvaidis P., Ifadis I., Lakakis K., Chalimourdas S., 2005, Use of Robotic Total Stations for Landslide Monitoring, Proceedings Inter. Symp. on "Modern Technologies, Education and Professional Practice in Geodesy and Related Fields", FIG International Symposium, Sofia, 3-4 November, 179-190.

Savvaidis P., Sotiriadis A., Valadaki A., Doukas I., Tziavos I.N., Kiratzi A., Savvaidis A., and Koutoupes S., 2005, Use of web-based GIS for the evaluation of earthquake damage to the built environment, Inter. Conference "DPPGIS 2005", Pardubice.

Savvaidis, P., Doukas, I.D., Tziavos, I.N., Kiratzi, A., Savvaidis, A., Sotiriadis, A., and Koutoupes, S.: Use of web-based GIS for the assessment of damage due to natural or man-made disasters to the urban environment, FIG International Symposium "Modern Technologies, Education and Professional Practice in Geodesy and Related Fields", Sofia, 3-4 November 2005, pp. 495-504.

Savvaidis, P., Sotiriadis, A., Valadaki, A., Doukas, I.D., Tziavos, I.N., Kiratzi, A., Savvaidis, A., and Koutoupes, S.: Use of Web-based GIS for the evaluation of earthquake damage to the built environment, International Conference "DPPGIS 2005", 16-18 March 2005, Pardubice, Czech Republic.

Sextos A., Pitilakis K., Kirtas E., Fotaki V., 2005, A Refined Computational Framework for the Assessment of the Inelastic Response of an Irregular Building that was Damaged During the Lefkada Earthquake, Proceedings of the 4th European Workshop on the Seismic Behaviour of Irregular and Complex Structures, Thessaloniki, Greece.

Sextos, A. G. and Kappos, A. J. "Evaluation of the new Eurocode 8-Part 2 provisions regarding asynchronous excitation of irregular bridges", 4th European Workshop on the Seismic Behaviour of Irregular and Complex Structures, Thessaloniki, Aug. 2005, Paper no. 04.

Sextos, A.G., Kappos, A.J., and Pitilakis, K.D., "Recent developments on the effect of asynchronous earthquake excitation on the dynamic response of soil-foundation-superstructure bridge systems", 1st Greece-Japan Workshop on Seismic Design, Observation, and Retrofit of Foundations, Athens, Oct. 2005, 211-228.

Stavridakis I. E., 2005, "Influence of Composition of clayey Soils on their Engineering and Cement Stabilization Parameters under soaked conditions". Proc. of Int. Conference on Problematic Soils, 25-27 May 2005, pp.739-746, Famagusta, N, Cyprus.

Stavridakis, I., E., 2005, "Assessment and influence of bentonite content on the development of engineering parameters of cement treated clayey mixtures under soaked conditions". Proc. of the 16th Int. Conf. on Ground Improvement Techniques, Portugal, pp.561-568.

Stavridakis, I., E., 2005, "Engineering behaviour of bentonite-kaolin-sand mixtures, stabilized by cement". Proc. of 11th Int. Conf. on Computer Methods and Advances in Geomechanics, Italy, Vol. 2, pp.381-388.

The Bologna Process - A Sceptical Approach, Katsifarakis K. L. - Avdelas A. - Anagnostopoulos C.- Doudoumis I. - Kalfakakou G.- Stylianidis K.,

Proceedings of the 5th AECEF Symposium "Civil Engineering in the Next Decade", Espoo, Finland, 2005.

The problem of minimum cost for structural members of earthquake resistant bridges, Gavaise E. - Papaefthimiou K. - Tzaveas T. - Stylianidis K. - Tegos J., Proceedings of ERES 2005, International Conference on Earthquake Resistant Engineering Structures V, Skiathos, Greece, WIT Press, 2005.

Theodossiou, N., P. Latinopoulos and E. Fotopoulou, 2005, Application of Monte Carlo analysis in the delineation of well head protection areas, 9th International Conference on Environmental Science and Technology, 1453-1458, Rhodes Island.

Theodulidis, N., Roumelioti, Z., Panou, A., Savvaidis, A., Grigoriadis, V., Dimitriou, P., Kiratzi, A., Hatzigogos, Th., and Doukas, I.D.,: Retrospective prediction of macroseismic intensities using strong ground motion simulation: The case of the Thessaloniki 1978 earthquake (Mw6.5), General Assembly 2005 of the European Geosciences Union (EGU), 24-29 Απριλίου 2005, Vienna, Austria - Geophysical Research Abstracts, Vol. 7, 10490, 2005 SRef-ID: 1607-7962/gra/EGU05-A-10490 © European Geosciences Union, 2005.

Tsiggelis V.S., Athanatopoulou A.M. and Avramidis I.E., "Comparison of seismic demands determined by nonlinear static analysis according to ATC-40, FEMA-356 and EC8", Proc. Intern. Conf. on Earthq. Resistant Engineering Structures (ERES 2005), 30 May-1 June, Skiathos, Greece.

Tsikaloudaki K., 2005, Harnessing the sun through the centuries: an analysis on the history of building construction in Greece, Proceedings of the international conference Environmental Sustainability. The Challenge of Awareness in Developing Societies – PLEA 2005, Βηρυτός, Λίβανος, τόμος I, 185-190.

Tsikaloudaki K., 2005, Investigating the daylight potential in the urban centre of Thessaloniki, πρακτικά του διεθνούς συνεδρίου Solar light advancements in the dawn of 21st century - SOLARIS 2005, Αθήνα, 70-75.

Tsikaloudaki K., 2005, Investigating the integration of daylight systems in buildings of a typical Greek city centre, international conference International Lighting Congress LEON 2005, Leon, Ισπανία, proceedings in CD.

Tsikaloudaki K., Chávez J. R. G., 2005, Shading and daylighting: synonymous or antonymous functions of the building façade?, Proceedings of the international conference ILUMINAT 2005 and BALKAN LIGHT 2005, Cluj-Napoca, Ρουμανία, 46.1-46.9.

Tsikaloudaki K., Giarma C., 2005, Investigating the impact of the urban context on the environmental performance of buildings, international conference Sustainable Construction: Action for sustainability in the Mediterranean - SB04, Αθήνα, proceedings in CD.

Tsitlakidou, A., Fanouli, L., Koltsakis, E. & Baniotopoulos, C.C., 2005, Numerical Experimentation on the Design Factors for Steel Telecommunications Masts, PROCEEDINGS OF THE 5TH NATIONAL (GREEK) CONFERENCE ON METAL STRUCTURES, 207-214

TSONOS, A.G. and RENTZEPERIS, I.P., "Investigation of the effectiveness of two styles of R/C jackets in Pre-earthquake Retrofitting of columns and b/c joints of R/C Structures", Proceedings of Fifth World Conference on Earthquake Resistant Engineering Structures (ERESV), May-June 2005, Skiathos Island, Greece, pp. 567-577 (αποδεκτή για παρουσίαση).

TSONOS, A.G., "Cyclic load behaviour of Reinforced Concrete Beam-Column Subassemblages of Modern Structures", Proceedings of Fifth World Conference on Earthquake Resistant Engineering Structures (ERESV), May-June 2005, Skiathos Island, Greece, pp. 439-449 (αποδεκτή για παρουσίαση).

Tziavos I.N., Savvaidis P., Kiratzi A., Christaras B., 2005, GEOIMPACT – A thematic network for the management of the impact of natural disasters with the use of satellite and information technologies, Proceedings Inter. Symp. on "Modern Technologies, Education and Professional Practice in Geodesy and Related Fields", FIG International Symposium, Sofia, 3-4 November, 191-200.

V.S. Tsiggelis, A.M. Athanatopoulou and I.E. Avramidis, "Comparison of seismic demands determined by nonlinear static analysis according to ATC-40, FEMA-356 and EC-8", ERES 2005, Fifth International Conference on Earthquake Resistant Engineering Structures, 30 May - 1 June 2005, Skiathos, Greece.

Xenidis Y., Angelides D., Tziavos I., Koutitas C., and Savvaidis P., 2005, An integrated framework for sustainable coastal zones management in Greece. 2005 IASME/WSEAS International Conference on Energy, Environment, Ecosystems and Sustainable Development, Athens, Greece, July 12-14.

Yannopoulos S., Dermissi N. and Bakassis H., 2005, "Methodology for the examination of cover material for a proposed new landfill site in Thessaloniki, Greece", SARDINIA 2005, Proc. 10th Intern. Waste Management and Landfill Symposium, S. Margherita di Pula (Cagliari), Sardinia, Italy.

Zardava K., Kiourtsidis C., Ganoulis J., 2005, Pollution simulation from non-point sources in river basins, Proceedings of the 5th National Congress of the Greek Committee for Water Resources Management, Xanthi.

Zeris, A., Koftis, Th., Prinos, P., 2005, Overtopping signal analysis with empirical mode decomposition. Instantaneous frequency and spectral analysis, Proc. Of 1st Int. Conf. ARABIAN COAST 2005, 227-231, Dubai, United Arab Emirates.

Zeris, A., Prinos, P., 2005, Rainfall time series analysis with wavelets and Hilbert Huang transform, Proceedings of XXXI Int. Conf. IAHR, 3719-3726, Seoul, Korea.

Zygomalas, M.D., Ivanyi, P. & Baniotopoulos, C.C., 2005, Pull-out of Steel Bolts from Plates in Structural Steel Connections, PROCEEDINGS OF THE 5TH NATIONAL (GREEK) CONFERENCE ON METAL STRUCTURES, 338-345

Α.ΛΑΜΠΡΟΠΟΥΛΟΣ, Κ.ΛΥΜΠΕΡΗΣ, Χ.ΠΥΡΓΙΔΗΣ «Ο νέος κανονισμός επιδομής για το μετρικό δίκτυο του ΟΣΕ και οι αναμενόμενες επιπτώσεις από την εφαρμογή του » , Ανακοίνωση στο 2ο Διεθνές Συνέδριο, «Ανάπτυξη Σιδηροδρομικών Μεταφορών», Αθήνα 1-2/12/05, Πρακτικά Συνεδρίου σελίδες 133-144

Α.ΣΤΑΘΟΠΟΥΛΟΣ, Χ. ΠΥΡΓΙΔΗΣ, «Αρχές σηματοδότησης δικτύων τραμ και ένταξή τους στα γενικά συστήματα σηματοδότησης πόλεων»,Επιστημονική ημερίδα, ΕΜΠ/ΣΕΣ/ΠΟΛΥΤΕΧΝΕΙΟ ΚΡΗΤΗΣ,Αθήνα,2-2-2005

Αμπατζής Α., Μπίσμπος Χ., 2005, Αποτίμηση των σεισμικών απαιτήσεων αντοχής για συνδέσμους εκκεντρότητας μέσω τεχνικών ανάλυσης προσαρμογής, Proceedings of the 5th National Greek Conference on Steel Structures, Ed. Galoussis E., Ermopoulos I., Kalfas Ch., Xanthi, Vol. I, 236-243.

Αυγέρης Ι., Πρίνος Π., Καραμπάς, Θ., 2005, Προσομοίωση αλληλεπίδρασης κυματισμών και κυματοθραυστών χαμηλής στέψης, Πρακτικά 3ο Πανελλήνιο Συνέδριο “ΔΙΑΧΕΙΡΙΣΗ ΚΑΙ ΒΕΛΤΙΩΣΗ ΠΑΡΑΚΤΙΩΝ ΖΩΝΩΝ”, 355-366.

Βεράνης Ν. και Μελαδιώτης Ι., 2005, Υδρογεωλογικές συνθήκες της υδρολογικής λεκάνης Ολυμπιάδας, Νομού Χαλκιδικής, Πρακτικά 7ου Πανελληνίου Υδρογεωλογικού Συνεδρίου, Αθήνα, σελ.51-59

Γ. Παλάντζας, Χ. Κουτίτας, Α. Νανιόπουλος , «Μεθοδολογία κατάρτισης σχεδίου αντιμετώπισης περιστατικών ρύπανσης της θάλασσας από επικίνδυνες ουσίες. Εφαρμογή στον λιμένα Θεσσαλονίκης» , Διεθνές Επιστημονικό Συνέδριο HELECO '05, 03-06/02/2005, Αθήνα, Ελλάδα.

Γ. Παλάντζας, Χ. Κουτίτας, Α. Νανιόπουλος, Ε. Βαφάκη , «Μεθοδολογία κατάρτισης σχεδίων αντιμετώπισης περιστατικών ρύπανσης της θάλασσας από πετρέλαιο και επικίνδυνες ουσίες. Εφαρμογή στον λιμένα Θεσσαλονίκης», 2ο Περιβαλλοντικό Συνέδριο Μακεδονίας, 8-12/10/2005, Ένωση Ελλήνων Χημικών, Θεσσαλονίκη, Ελλάδα

Γαλιατσάτου Π., Πρίνος, Π., 2005, Ανάλυση ακραίων γεγονότων στον παράκτιο χώρο με τη μέθοδο POT, Πρακτικά 3ο Πανελλήνιο Συνέδριο “ΔΙΑΧΕΙΡΙΣΗ ΚΑΙ ΒΕΛΤΙΩΣΗ ΠΑΡΑΚΤΙΩΝ ΖΩΝΩΝ”, 545-556.

Δημήτριος Γκαβαρδίνας, Άρης Αβδελάς, Μιχαήλ Ζυγομαλάς & Χαράλαμπος Λεφάκης, 2005, ΜΕΛΕΤΗ ΤΗΣ ΧΡΗΣΗΣ ΜΕΤΑΛΛΙΚΩΝ ΔΟΜΙΚΩΝ ΣΤΟΙΧΕΙΩΝ ΣΤΙΣ ΚΤΗΡΙΑΚΕΣ ΚΑΤΑΣΚΕΥΕΣ ΤΟΥ ΑΓΙΟΥ ΟΡΟΥΣ ΣΤΑ ΤΕΛΗ ΤΟΥ 19ου ΚΑΙ ΤΙΣ ΑΡΧΕΣ ΤΟΥ 20ου ΑΙΩΝΑ, 5ο ΕΘΝΙΚΟ ΣΥΝΕΔΡΙΟ ΜΕΤΑΛΛΙΚΩΝ ΚΑΤΑΣΚΕΥΩΝ (ΞΑΝΘΗ 29/9 - 2/10/2005, 1, 76-83

Δούκας Ι. και Σαββαΐδης Π., 2005, Δυνατότητες διακρίβωσης γεωδαιτικών (τοπογραφικών) οργάνων από το Εργαστήριο Γεωδαισίας και Γεωματικής του Α.Π.Θ. (Δούκας Ι. Δ. και Σαββαΐδης Π.), 1ο Τακτικό Εθνικό Συνέδριο Μετερολογίας "Metrologia 2005", Αθήνα, 11-12 Νοεμβρίου.

E. KOLOKYTHA Y. MYLOPOULOS, (2005), "Hydrodiplomacy: A Ground For Action Transboundary Cooperation And Economic Development In Nestos River Basin, Greece", E-proceedings (F04-4 - Sustainable Water Resources), IHAR Korea

E. KOLOKYTHA Y. MYLOPOULOS, (2005), Venice "Hydrodiplomacy: A Ground For Action Transboundary Cooperation And Economic Development In Nestos River Basin, Greece", E-proceedings (F04-4 - Sustainable Water Resources), IHAR Korea.

E. Kolokytha Y. Mylopoulos, 2005, Hydrodiplomacy: A Ground For Action Transboundary Cooperation And Economic Development In Nestos River Basin, Greece, e-proceedings , IHAR Congress, Korea.

E. Kolokytha, Y. Mylopoulos, A. Karamintzios, 2005, Transboundary water management & cooperation in Greece. The Axios river basin, International Conference, EWRA, Menton. e-proceedings,

E. Ευθυμίου, Μ. Ζυγομαλας & Χ. Κ. Μπανιωτόπουλος, 2005, ΒΡΑΧΥ Τ ΑΛΟΥΜΙΝΙΟΥ ΥΠΟ ΕΦΕΛΚΥΣΜΟ: ΠΕΙΡΑΜΑΤΙΚΗ ΚΑΙ ΑΡΙΘΜΗΤΙΚΗ ΜΕΛΕΤΗ, 5ο ΕΘΝΙΚΟ ΣΥΝΕΔΡΙΟ ΜΕΤΑΛΛΙΚΩΝ ΚΑΤΑΣΚΕΥΩΝ (Ξάνθη), II, 132-139

E. Κολοκυθα, Μυλοπουλος Γ., E. Αμανατίδου, Κ. Αδαμίδου, Λ. Τσικριτζης, Ν. Ταουσανίδης, 2005, Οικονομικές και κοινωνικές διαστάσεις στη διαχείριση του αστικού νερού. Εξοικονόμηση νερού στην πόλη της Κοζάνης., 5ο Εθνικό Συνέδριο της ΕΕΔΥΠ "Ολοκληρωμένη Διαχείριση Υδατικών Πόρων με Βάση τη Λεκάνη Απορροής", Ξάνθη, σελ. 375-380.

Κατσιφαράκης Κ.Λ., Τσελεπίδου Κ., Τριανταφύλλου Β., 2005, Χρήση απλοποιημένων μοντέλων προσομοίωσης στη βελτιστοποίηση διαχείρισης υπόγειων υδατικών πόρων, Πρακτικά 5ου Εθνικού Συνεδρίου της ΕΕΔΥΠ, Ξάνθη, 45-51.

Κοκκάλης Α., Τσαβαλά Κ., Λακάκης Κ., 2005, Εφαρμογή και Αξιολόγηση Κριτηρίων Επιλογής και Σχεδιασμού Ανισόπεδων Κόμβων στην Εγνατία Οδό με Χρήση Τεχνικών GIS, Πανελλήνιο Συνέδριο Οδοποιίας, Βόλος.

Κοκκάλης Α., Τσαβαλά Κ., Μπάσμπας Σ., Παπαϊωάννου Π., Λακάκης Κ., 2005, Η θεώρηση της οδικής ασφάλειας στα έργα οδοποιίας της Εγνατίας Οδού, 3ο Πανελλήνιο Συνέδριο Οδικής Ασφάλειας, Πάτρα.

ΚΟΛΟΚΥΘΑ Ε.. ΜΥΛΟΠΟΥΛΟΣ Γ. (2005) «Οικονομικές και κοινωνικές διαστάσεις στη διαχείριση του αστικού νερού. Εξοικονόμηση νερού στην πόλη της Κοζάνης.», 5ο Εθνικό Συνέδριο της ΕΕΔΥΠ "Ολοκληρωμένη Διαχείριση Υδατικών Πόρων με Βάση τη Λεκάνη Απορροής", Ξάνθη, σελ. 375-380.

Κουτάντος Ε., Πρίνος Π., Κουτίτας Χρ., 2005, Πρόσπτωση κυματισμών σε κυματοθραύστη μεικτής κατά πλάτος διατομής, Πρακτικά 3ο Πανελλήνιο Συνέδριο “ΔΙΑΧΕΙΡΙΣΗ ΚΑΙ ΒΕΛΤΙΩΣΗ ΠΑΡΑΚΤΙΩΝ ΖΩΝΩΝ”, 385-396.

Κουτάντος Ε., Πρίνος, Π., 2005, Εναλλακτικός σχεδιασμός πλωτού κυματοθραύστη με την χρήση πετάσματος, Πρακτικά 3ο Πανελλήνιο Συνέδριο “ΔΙΑΧΕΙΡΙΣΗ ΚΑΙ ΒΕΛΤΙΩΣΗ ΠΑΡΑΚΤΙΩΝ ΖΩΝΩΝ”, 307-316.

Κόφτης, Θ., Πρίνος, Π., 2005, Υπερπήδηση Πλωτών Κυματοθραυστών Από Κύματα, Πρακτικά 3ο Πανελλήνιο Συνέδριο “ΔΙΑΧΕΙΡΙΣΗ ΚΑΙ ΒΕΛΤΙΩΣΗ ΠΑΡΑΚΤΙΩΝ ΖΩΝΩΝ”, 295-306.

Κρεστενίτης Ι.Ν. & Κομπιάδου Κ., 2005, Μαθηματική Προσομοίωση της Μεταφοράς και Διασποράς Σωματιδίων στο Θαλάσσιο Περιβάλλον, 2ο Περιβαλλοντικό Συνέδριο Μακεδονίας, Θεσσαλονίκη, 8-12.10.05

Κρεστενίτης Ι.Ν., Ανδρουλιδάκης Ι. & Κομπιάδου Κ., 2005, Εξέλιξη των Φυσικών Χαρακτηριστικών των Θαλασσίων Μαζών του Κόλπου Θεσσαλονίκης, 2ο Περιβαλλοντικό Συνέδριο Μακεδονίας, Θεσσαλονίκη, 8-12.10.05

Λακάκης Κ., 2005, Evaluation of an Automatic Monitoring System of Surface Displacements at "Prinotopa" landslide of Egnatia Odos, Construction in 21st Century, Αθήνα.

Λατινόπουλος, Π., Ν. Θεοδοσίου, Α. Ξεφτέρης, Ζ. Μάλλιος, Α. Παπαγεωργίου και Ε. Φωτοπούλου 2005, Ολοκληρωμένη διαχείριση υδατικών πόρων σε λεκάνες του Νομού Χαλκιδικής, 5ο Εθνικό Συνέδριο Ε.Ε.Δ.Υ.Π., 111-118, Ξάνθη.

Μακροδημόπουλος Α., Μπίσμπος Χ., 2005, Ανάλυση προσαρμογής σφαιροειδών κεφαλών δοχείων πίεσης υπό το κριτήριο von Mises, Proceedings of the 5th National Greek Conference on Steel Structures, Ed. Galoussis E., Ermopoulos I., Kalfas Ch., Xanthi, Vol. II, 339-345.

Μιχάλης Ζυγομαλάς, Peter Ivanyi & Χαράλαμπος Κ. Μπανιωτόπουλος, 2005, ΕΞΟΛΚΕΥΣΗ ΚΟΧΛΙΩΝ ΑΠΟ ΧΑΛΥΒΔΙΝΑ ΕΛΑΣΜΑΤΑ, 5ο ΕΘΝΙΚΟ ΣΥΝΕΔΡΙΟ ΜΕΤΑΛΛΙΚΩΝ ΚΑΤΑΣΚΕΥΩΝ (ΞΑΝΘΗ 29/9 - 2/10/2005, 1, 338-345

Ναλμπάντης Δημήτριος, Νανιόπουλος Αριστοτέλης, «Αποδοχή νέων τεχνολογιών εκπαίδευσης υποψηφίων οδηγών στην Ελλάδα», Συνέδριο: «3ο Πανελλήνιο Συνέδριο Οδικής Ασφάλειας», 10-11/10/2005, Πανεπιστήμιο Πατρών, Σύλλογος Ελλήνων Συγκοινωνιολόγων., Συνεδριακό και Πολιτιστικό Κέντρο Πανεπιστημίου Πατρών, Πάτρα., Τόμος πρακτικών.

Παπαϊωάννου Γ., Μπίσμπος Χ., 2005, Υπολογισμός σε πλάσιμη ολιγοκυκλική κόπωση κόμβων δικτυωμάτων από κοίλες διατομές, Proceedings of the 5th National Greek Conference on Steel Structures, Ed. Galoussis E., Ermopoulos I., Kalfas Ch., Xanthi, Vol. I, 370-377.

Πρίνος, Π., Dronkers, J., 2005, ENCORΑ: Μια συντονισμένη δράση για την παράκτια έρευνα στην Ευρώπη, Πρακτικά 3ο Πανελλήνιο Συνέδριο “ΔΙΑΧΕΙΡΙΣΗ ΚΑΙ ΒΕΛΤΙΩΣΗ ΠΑΡΑΚΤΙΩΝ ΖΩΝΩΝ”, 39-50.

Πρίνος, Π., Γαλιατσάτου Π., 2005, Ανάλυση και διαχείριση κινδύνου από πλημμύρες στον παράκτιο χώρο. Το Ευρωπαϊκό πρόγραμμα FLOODsite, Πρακτικά 3ο Πανελλήνιο Συνέδριο “ΔΙΑΧΕΙΡΙΣΗ ΚΑΙ ΒΕΛΤΙΩΣΗ ΠΑΡΑΚΤΙΩΝ ΖΩΝΩΝ”, 225-236.

Σαββαΐδης Π., 2005, Βρετανοί χαρτογράφοι του Αιγαίου κατά το 19ο αιώνα, Επιστημονικό Συνέδριο «Η εξέλιξη των οργάνων, των μεθόδων και των συστημάτων μετρήσεων των επιστημών της αποτύπωσης στην Ελλάδα», Θεσσαλονίκη, 157-171.

Σαββαΐδης Π., 2005, Η ιστορία των υπολογιστικών συστημάτων, Επιστημονικό Συνέδριο «Η εξέλιξη των οργάνων, των μεθόδων και των συστημάτων μετρήσεων των επιστημών της αποτύπωσης στην Ελλάδα», Θεσσαλονίκη, 393-409.

Σαββαΐδης Π., 2005, Μια σύντομη αναδρομή στην ιστορική εξέλιξη των τοπογραφικών οργάνων, Επιστημονικό Συνέδριο «Η εξέλιξη των οργάνων, των μεθόδων και των συστημάτων μετρήσεων των επιστημών της αποτύπωσης στην Ελλάδα», Θεσσαλονίκη, 9-25.

Σαββαΐδης Π., 2005, Σχεδιαστικά όργανα ανά τους αιώνες, Επιστημονικό Συνέδριο «Η εξέλιξη των οργάνων, των μεθόδων και των συστημάτων μετρήσεων των επιστημών της αποτύπωσης στην Ελλάδα», Θεσσαλονίκη, 115-132.

Τσαβαλά Κ., Κοκκάλης Α., Λακάκης Κ., 2005, Συμπεράσματα από την Επισκόπηση των Μελετών Οδοποιίας της Εγνατίας Οδού, Πανελλήνιο Συνέδριο Οδοποιίας, Βόλος.

Χ.ΠΥΡΓΙΔΗΣ ,Τ.ΜΠΟΥΣΜΑΛΗΣ, «Η επιρροή της κατατομής των επισώτρων των τροχών στην εγγραφή των σιδηροδρομικών φορείων στα καμπύλα οριζοντιογραφικά τμήματα γραμμής »,Ανακοίνωση στο 2ο Διεθνές Συνέδριο, «Ανάπτυξη Σιδηροδρομικών Μεταφορών», Αθήνα,1-2/12/05, Πρακτικά Συνεδρίου, σελίδες 195-209

Ψωμιάδης Β., Μπίσμπος Χ., 2005, Ανάλυση προσαρμογής μεταλλικών κατασκευών υπό το τριδιάστατο κριτήριο Tresca, Proceedings of the 5th National Greek Conference on Steel Structures, Ed. Galoussis E., Ermopoulos I., Kalfas Ch., Xanthi, Vol. II, 305-312.

2006

C. PYRGIDIS, N. DEMIRIDIS, «The effects of tilting trains on the track superstructure» Ανακοίνωση στο 1ο Διεθνές Συνέδριο “Railway Conditioning and Monitoring” 2006, IET, 29-30 /11/06 ,Μπέρμιγχαμ, Αγγλία ,Conference Proceedings ,pp 38-43

C.PYRGIDIS, L.KOTOULAS , «An integrated system for the recording and monitoring of railways incidents» , Ανακοίνωση στο 7ο World Congress in Railway Research (WCRR), Μόντρεαλ ,Καναδάς ,6-8/6/06, Πρακτικά Συνεδρίου

Χ. ΠΥΡΓΙΔΗΣ ,Γ.ΓΙΑΝΝΟΠΟΥΛΟΣ, «Σύστημα ελέγχου της διαλειτουργικότητας της σιδηροδρομικής υποδομής στο ελληνικό δίκτυο»,Ανακοίνωση στο 3ο Διεθνές Συνέδριο « Έρευνα στις Μεταφορές» ,11-12/5/06, Θεσσαλονίκη, Πρακτικά Συνεδρίου σελίδες 421- 431

‘Αποτίμηση σεισμικής συμπεριφοράς πολυωρόφων κτιρίων από Ο/Σ σχεδιασμένων με βάση τους Ευρωκώδικες 2 και 8’, Αθανασιάδου, Χ.Ι. και Πλάνου, Κ., 15ο Ελληνικό Συνέδριο Σκυροδέματος, Αλεξανδρούπολη, Οκτ. 2006, Πρακτικά, Τομ.Β, σελ. 13-22 και CD-ROM.

‘Παραμετρική μελέτη πολυωρόφων κτιρίων από Ο/Σ σχεδιασμένων με βάση τους Ελληνικούς Κανονισμούς με και χωρίς αυξημένες απαιτήσεις πλαστιμότητας’, Αθανασιάδου, Χ.Ι., Παναγόπουλος, Γ. και Μαρκουλάκης, Μ.Δ., 15ο Ελληνικό Συνέδριο Σκυροδέματος, Αλεξανδρούπολη, Οκτ. 2006, Πρακτικά, Τομ.Β, σελ. 3-12 και CD-ROM.

A. Naniopoulos, G. Palantzas, Ch. Koutitas, “Environmental management in ports, in the framework of sustainable development. The approach followed and achievements in Hellenic ports”, The 22th International Port Conference, 12-14/03/2006, Port Training Institute of Arab Academy for Science, Technology & Maritime Transport, Alexandria, Egypt

A. M. Αθανατοπούλου, Κ. Αναστασιάδης & Ι. Ε. Αβραμίδης, 2006, «Επιρροή της διεύθυνσης διέγερσης στα μεγέθη απόκρισης κατά τη χρονολογική μέθοδο ανάλυσης», 15ο Συνέδριο Σκυροδέματος, Αλεξανδρούπολη.

A.M. Αθανατοπούλου & Ι.Ν. Δουδούμης, 2006, “Κύριες διευθύνσεις στα ασύμμετρα πολυώροφα κτίρια με και χωρίς σεισμική μόνωση βάσης”, 15ο Συνέδριο Σκυροδέματος, Αλεξανδρούπολη.

Alexoudi M., Hatzathanasiou A., Themistokleous M., Hatzigogos Th., Pitilakis K., 2006, Mitigation Strategy for Water Transmission Lines Under Seismic Loads. The case of Thessaloniki, Proceedings of the 1st European Conference on Earthquake Engineering and Seismology, Geneva, Switzerland, 3-8 September.

Alexoudi M., Hatzigogos Th., Pitilakis K., 2006, Earthquake reliability of gas system under stochastic loads (Greece), Proceedings of the 3rd International ASRANet Colloquium, 10-12th July, Glasgow.

Antoniades, K., Kappos, A., Salonikios, T., “Inelastic Response Characteristics of Repaired R/C Walls Strengthened with FRPs”, Proceed. of the 2nd fib Congress, Napoli, June 2006, Paper no. 641.

Asimina Athanatopoulou and Nikolaos Doudoumis, 2006, "Optimum Torsion Axis and Principal Directions in Multi-storey Base Isolated Buildings", First

European Conference on Earthquake Engineering and Seismology, Geneva, Switzerland, Paper Number: 929.

Athanatopoulou, A.M., Avramidis, I.E., 2006, "Effects of seismic directivity on structural response", The Second fib Congress, Naples, Italy, paper No 0326.

Avgeris I., Karambas Th., Prinos P., 2006, Boussinesq modelling of wave-run-up and overtopping, 7th International Conference 'Hydroscience-2006', Philadelphia, USA, 435, (full paper available in CD-ROM).

Baniotopoulos C.C., Michalopoulos A., Nikolaidis Th. & Stavroulakis G.E., 2006, Passive Control of Bridges : The Double Cable Net Method, PROCEEDINGS SMART 2006 CONFERENCE

Betti M., Baniotopoulos C.C. & Stavroulakis G.E., 2006, Modelling and Simulation of Piezoelectric-Active Control of Wind-Induced Vibrations on Beams, PROCEEDINGS SMART 2006 CONFERENCE, 61-75

Betti, M., Baniotopoulos, C.C. & Stavroulakis, G.S., 2006, Analysis of a Masonry/Stone Arch Bridge for Failure Prediction with Fill Interaction, PROCEEDINGS II. INTERNATIONAL CONFERENCE ON NONSMOOTH/NONCONVEX MECHANICS WITH APPLICATIONS IN ENGINEERING, Baniotopoulos, C.C, ZHTH

Betti, M., Borri, C., Baniotopoulos, C.C. & Stavroulakis G.E., 2006, Piezoelectric-active Suppression of Wind Induced Vibrations on Beams: Modelling and Simulation, PROCEEDINGS INVENTO-2006 (to appear)

Betti, M., Stavroulakis, G.E. & Baniotopoulos, C.C., 2006, Active Vibration Suppression of Smart Beams, PAMM – Proc. Appl. Math. Mech. 6., 799, 800

Bisbos C.D., Ampatzis A.T., 2006, Limit analysis of steel frames containing concrete-filled tubular members, Proceedings of the 2nd Int. Conference on Nonsmooth/Nonconvex Mechanics with Applications in Engineering (II. NNMAE), Ed. Baniotopoulos C.C., Ziti Publishers, Thessaloniki, 455-462.

Bisbos C.D., 2006, Incomplete flexibility solution schemes for frictional contact problems, Proceedings of the 2nd Int. Conference on Nonsmooth/Nonconvex Mechanics with Applications in Engineering (II. NNMAE), Ed. Baniotopoulos C.C., Ziti Publishers, Thessaloniki, 261-268.

Bisbos C.D., 2006, Semidefinite programming in the limit and shakedown analysis of structures, Proceedings of the 2nd Int. Conference on Nonsmooth/Nonconvex Mechanics with Applications in Engineering (II. NNMAE), Ed. Baniotopoulos C.C., Ziti Publishers, Thessaloniki, 181-188.

Bisbos C.D., Papaioannou G., 2006, Shakedown analysis of FEM-discretized steel shell structures under the Ilyushin yield criterion, Proceedings of the 2nd Int. Conference on Nonsmooth/Nonconvex Mechanics with Applications in Engineering (II. NNMAE), Ed. Baniotopoulos C.C., Ziti Publishers, Thessaloniki, 197-204.

Bisbos C.D., Skordeli M.-A., Papaioannou G., 2006, Limit and shakedown analysis of reinforced concrete disks and plates via second-order cone programming, Proceedings of the 2nd Int. Conference on Nonsmooth/Nonconvex Mechanics with Applications in Engineering (II. NNMAE), Ed. Baniotopoulos C.C., Ziti Publishers, Thessaloniki, 221-228.

BOURNASKI E., IVANOV I., ELEFThERiADOU E., MYLOPOULOS Y., (2006), «Towards Integrated Water Resources Management of the Mesta/Nestos Catchment by HEC-HMS modeling», International Conference on Water Observation and Information System for Decision Support, 23-26 May, F.Y.R.O.M.

Bujnak, J., Bouchair, A., Vican, J. & Baniotopoulos, C.C., 2006, On the Assessment of Partial Interaction between Steel and Concrete in Composite Beams: A Linear-Elastic Model, PROCEEDINGS II. INTERNATIONAL CONFERENCE ON NONSMOOTH/NONCONVEX MECHANICS WITH APPLICATIONS IN ENGINEERING, Baniotopoulos, C.C., ZHTH

C.C.BANIOTOPOULOS, M.ZYGOMALAS & E.EFTHIMIOU, 2006, NUMERICAL STUDY OF THE STRUCTURAL BEHAVIOUR OF A REFERENCE ALUMINIUM BOLTED JOINT UNDER TENSION, NONSMOOTH/NONCONVEX MECHANICS WITH APPLICATIONS IN ENGINEERING (THESSALONIKI 7-8 JULY), 533-540

Chatzinikos, K.& Baniotopoulos, C.C., 2006, Aluminium Curtain-Walls. Design within the Modern Structural Eurocodes, PROCEEDINGS II. TRANSPARENCY & ARCHITECTURE NATIONAL CONFERENCE

D. Sfyris, N. Charalambakis and V. Kalpakides, On the force acting on dislocations within nonlinear elastostatics, Proceedings of 2nd International Conference on Non-smooth-Non-convex Mechanics, pp. 29-36, 2006.

Development of a Gis-Oriented Database for the Pre- and Post-Earthquake Assessment of Buildings, Sextos A. G., Kappos A.J. and Stylianidis K. C., Proceedings of the 8th U.S. National Conference on Earthquake, Paper Number 402, San Francisco, California, USA, April 2006.

Doudoumis I.N. (2006): "Energy dissipation in infilled frames due to frictional interface conditions", Proceedings of the 2nd International Conference on Nonsmooth/Nonconvex Mechanics, Thessaloniki 2006.

Doudoumis I.N., Kallioudakis E.D. (2006): "Seismic response of Rotunda monument due to the Thessaloniki 1978 earthquake" Proceedings of the 13th European Conference on Earthquake Engineering, Geneva 2006.

Doudoumis N.I., Kotanidis C., Doudoumis I.N. (2006): "A comparative study on static push-over and time-history analysis methods in base isolated buildings", Proceedings of the 13th European Conference on Earthquake Engineering, Geneva 2006.

Doudoumis N.I., Mitsopoulou E.N., Doudoumis I.N. (2006): "The influence of uplifting possibility of sliding foundations in the seismic response of the buildings", Proceedings of the 2nd International Conference on Nonsmooth/Nonconvex Mechanics, Thessaloniki 2006.

Doukas, I.D., Savvaidis, P., and Ifantis, I.: Ground Subsidence Due To Water Pumping In The Area Of Thessaloniki, Greece, FIG International Symposium "Modern Technologies, Education and Professional Practice in Geodesy and Related Fields", Sofia, 8-9 November 2006.

E KOLOKYTHA., Y. MYLOPOULOS (2006), "Public preferences in urban water management. The WFD as a means to achieve urban water conservation. The Greek case study", Marocco Conference (accepted for publication)

Farsirotou, E. D., Soulis J.V. and Dermisis V. (2006), "Numerical simulation of scouring around bridge piers", 8th Int. Conf. on protection and restoration of the environment, July 3- 7, Chania, GREECE

Fenton and photo-Fenton reagent: a comparative study for the treatment of simulated municipal wastewater under visible illumination – A. Antoniadis, E. Papachristou, E. Darakas, I. Poulis – 1st European Conference on Environmental Application Advanced Oxidation Processes (EAAOP), Chania, 6-8 Sept. 2006

G. Chatzigeorgiou, V. Kalpakides and N. Charalambakis, Instability analysis of functionally graded thermoviscoplastic materials, Proceedings of 2nd International Conference on Non-smooth-Non-convex Mechanics, pp. 77-84, 2006.

G.D. Manolis, P.S. Dineva and T.V. Rangelov, Elastic Wave Scattering Phenomena in Inhomogeneous Media due to a Buried Crack, pp. 35 in the Book of Abstracts and pp. 347-354 in the Proceedings of the 2nd International Conference on Nonsmooth/Nonconvex Mechanics with Applications in Engineering (NNMAE-2006), Edited by C.C. Baniotopoulos, Thessaloniki, Greece, July 7-8, 2006, Ziti Editions, Thessaloniki, 2006.

G.D. Manolis, T.V. Rangelov and P.S. Dineva, Wave Motion through Cracked, Functionally Graded Materials by BEM, pp. 307-316 in Proceedings of the 28th World Conference on Boundary Elements and other Mesh Reduction Methods (BEM-MRM 28), Edited by C.A Brebbia and J.T. Katsikadelis, Skiathos Island, Greece, May 10-12, 2006, WIT Press, Southampton, 2006.

Galiatsatou, P., Prinos, P., 2006, Probability of occurrence of extreme rainfall events in northern Greece, International Conference "Protection and Restoration of the Environment VIII", P 180, Chania, Greece, (full paper available in CD-ROM) .

GIANNOPOULOU, Y. MYLOPOULOS, E. KOLOKYTHA (2006), "Environmental Indicators For The Integrated Water Resources Management

In Havrias Watershed, Chalkidiki, Greece”, EYE, 2006 (accepted for publication).

Haslinger J., Vlach O., Dostal Z. & Baniotopoulos C.C., 2006, Numerical treatment of 2D quasistatic contact problems with local Coulomb friction, SAMO 2006

Haslinger J., Vlach O., Dostal Z. & Baniotopoulos C.C., 2006, The FETI-DP domain decomposition method for quasi-static contact problems with Coulomb friction, PROCEEDINGS VARIATIONAL FORMULATIONS IN MECHANICS-THEORY AND APPLICATIONS

Haslinger J., Vlach O., Dostal Z. & Baniotopoulos C.C., 2006, The FETI-DP domain decomposition method for quasi-static contact problems with Coulomb friction, PROCEEDINGS VARIATIONAL FORMULATIONS IN MECHANICS-THEORY AND APPLICATIONS

Haslinger, J., Vlach, O., Dostal Z. & Baniotopoulos, C.C., 2006, Approximation and Numerical Realization of 2D Quasistatic Contact Problems with Local Coulomb Friction, PROCEEDINGS MAFELAP2006

I. Γιαννοπουλου, Γ. Μυλοπουλος, Ε. Κολοκυθα, 2006, Δείκτες Αειφορίας για την ολοκληρωμένη διαχείριση των υδατικών πόρων στη λεκάνη απορροής του ποταμού Χαβρία, 10ο Πανελλήνιο Συνέδριο ΕΥΕ, Διαχείριση Υδατικών πόρων και προστασία περιβάλλοντος, σύγχρονες θεωρήσεις, προβλήματα και προοπτικές, Τόμος Α, Σελ. 217-224, Ξάνθη 2006.

Ifantis, I., Savvaidis, P., and Doukas, I.D.: Mapping The Influence Of Atmospheric Inhomogeneities On Radio wave Propagation, FIG International Symposium "Modern Technologies, Education and Professional Practice in Geodesy and Related Fields", Sofia, 8-9 November 2006.

Ivanyi, P., Zygomalas M. & Baniotopoulos, C.C., 2006, On the Pull-Out Phenomenon of Bolts from Steel Bolted Plate Connections: A Laboratory Testing and Numerical Approach, PROCEEDINGS XI INTERNATIONAL METAL STRUCTURES CONFERENCE

Kappos, A.J., Moschonas, I.F., Paraskeva, Th. and Sextos, A.G. “A methodology for derivation of seismic fragility curves for bridges with the aid of advanced analysis tools”, 13th ECEE, Geneva, Sep. 2006, paper no. 276.

Karakostas, C., Makarios, T., Lekidis, V., and Kappos, A., “Evaluation of vulnerability curves for bridges – A case study”, Proceed. of the 13th ECEE, Geneva, Sep. 2006, paper no. 1435.

Kirtas E., Rovithis E., Pitilakis K., 2006, Numerical Investigation of Subsoil Interventions Towards Structural Seismic Risk Mitigation, Proceedings of the 1st European Conference on Earthquake Engineering and Seismology, Geneva, Switzerland, 3-8 September.

Kirtas E., Rovithis E., Pitilakis K., Sextos A., 2006, Numerical Investigation of Potential Foundation Intervention as a Means for Mitigating Seismic Risk,

Proceedings of the 8th U.S. National Conference on Earthquake Engineering, San Francisco, California.

Koftis Th., Prinos P., 2006, Experimental study on wave overtopping structures, 1st Int. Conf. on the Application of Physical Modeling to port and coastal protection , COASTLAB06, 165-168 (full paper available in CD-ROM).

Komninos, N. (2006) 'The Architecture of Intelligent Cities', 2nd International Conference on Intelligent Environments IE 06, Institution of Engineering and Technology, pp. 53-61.

Komninos, N., Sefertzi, E., and Tsarchopoulos P. (2006) 'Virtual innovation environment for the exploitation of R&D', 2nd International Conference on Intelligent Environments IE 06, Institution of Engineering and Technology, 125-136.

Koutandos E., Prinos P., 2006, An experimental study of the open channel flow in the vicinity of a permeable rubble mound weir, International Conference 'Protection and Restoration of the Environment VIII, P 222, Chania, Greece, (full paper available in CD-ROM).

Koutandos E., Prinos P., Koutitas C., 2006, 2DV hydrodynamics of emerged rubble mound breakwaters, 7th International Conference 'Hydroscience-2006', Philadelphia, U.S.A, p. 211, (full paper available in CD-ROM).

Koutandos E., Prinos P., Koutitas C., 2006, 2DV wave interaction with submerged impermeable orthogonal breakwaters, International Conference 'Protection and Restoration of the Environment VIII, P 224, Chania, Greece, (full paper available in CD-ROM).

Koutandos E., Prinos P., Koutitas C., 2006, Permeability effects on breaking waves over submerged rubble mound breakwaters, 7th International Conference 'Hydroscience-2006', Philadelphia, U.S.A, 277, (full paper available in CD-ROM).

Koutsourelakis I.-G., Gardikou V., Katsifarakis K.L., 2006, Use of approximate forms of the method of images in groundwater management problems, e-proceedings of International Conference "Protection and Restoration of the Environment VIII", Chania, Kriti.

Ktenidou O.-J., Pitilakis K., Raptakis D., Apostolidis P., Makropoulos K. , Diagourtas D., 2006, Effects of surface and subsurface topography on strong ground motion – Some experimental and numerical results from Aegion, Greece, Proceedings of the 1st European Conference on Earthquake Engineering and Seismology, Geneva, Switzerland, 3-8 September.

Lazaridou M., Patmios E., 2006. Approaching the Study of Coasts with Remote Sensing. ISPRS Archives Vol. XXXVI, Part 8, "Remote Sensing Applications for a Sustainable Future", Heifa, Israel.

LOYKAS, E KOLOKYTHA., N. MYLOPOULOS, , Y. MYLOPOULOS , A. MENTES, (2006), "Policy Options Through Water Conservation In Agriculture In The Greater Thessaly Area" «Protection Restoration of the environment VIII, Crete (e-proceedings)

M.D.Zygomalas, 2006, Experimental Determination of the rotation of aluminum base plates for curtain walls., ICMS 2006 ((Rzeszow, Poland June 21-23 2006), 489-497

Mergos, P., Kappos, A.J., "Seismic Assessment of R/C Structures Using a Distributed Shear and Flexural Flexibility Model with Shear–Flexure Interaction", Proceed. of the 2nd fib Congress, Napoli, June 2006 Paper no. 642.

Michalopoulos, A., Nikolaidis, T., Baniotopoulos, C.C. & Stavroulakis, G., 2006, Form Finding of Large Span Structures and Optimization Using MBN Control System, PROCEEDINGS II. INTERNATIONAL CONFERENCE ON NONSMOOTH/NONCONVEX MECHANICS WITH APPLICATIONS IN ENGINEERING, Baniotopoulos, C.C., ZHTH

Michalopoulos, A., Nikolaidis, T., Baniotopoulos, C.C. & Stavroulakis, G., 2006, Form Finding of Large Span Structures and Optimization Using MBN Control System, PROCEEDINGS II. INTERNATIONAL CONFERENCE ON NONSMOOTH/NONCONVEX MECHANICS WITH APPLICATIONS IN ENGINEERING, Baniotopoulos, C.C., ZHTH

MYLOPOULOS, E. KOLOKYTHA, D.VAGIONA, E. KAMPRAOU & E. ELEFTHERIADOU (2006) « Hydrodiplomacy In Practice: Transboundary Water Management In Northern Greece». «Protection Restoration of the environment VIII, Crete (e-proceedings) (poster)

N. Charalambakis , G. Chatzigeorgiou and F. Murat, Non-homogeneous rigid-thermoviscoplastic materials : Approximation by finite elements and homogenization results, Anisotropy, Texture, Dislocations and Multiscale Modeling in Finite Plasticity & Viscoplasticity and Metal Forming, Proceedings of the 12th International Symposium on Plasticity, Ed. A. Khan and R. Kazmi, pp. 250-252, 2006.

N. Charalambakis and F. Murat, Existence, uniqueness and homogenization for a stratified thermoviscoplastic material, Proceedings of 2nd International Conference on Non-smooth-Non-convex Mechanics, pp. 61-68, 2006.

N. Charalambakis and G. Chatzigeorgiou, Multiple necking of continuously graded thermovisco-plastic materials, Proceedings of the 6th European Solid Mechanics Conference (ESMC), 2006.

Naniopoulos, A., Tselentis, BS. and CFWooldridge, "Sustainable development of port operations: the role of research led education", International Conference in memory of the late professor Basil Metaxas "Shipping in the Era of Social Responsibility", 14-16 September 2006 - Cephalonia - GREECE

Nazarko P., Ziemianski L., Efstathiades C., Baniotopoulos C.C. & Stavroulakis G.E., 2006, Damaged Support Identification in Aluminium Curtain-Walls using Neural Networks, PROCEEDINGS SMART 2006 CONFERENCE, 147-166

Nazarko, P., Efstathiades, Ch., Ziemianski, L., Stavroulakis, G.E. & Baniotopoulos, C.C., 2006, Structural Health Monitoring in Aluminium Curtain-Walls by Applying Neural Networks Techniques, PROCEEDINGS II. INTERNATIONAL CONFERENCE ON NONSMOOTH/NONCONVEX MECHANICS WITH APPLICATIONS IN ENGINEERING

Nazarko, P., Efstathiades, Ch., Ziemianski, L., Stavroulakis, G.E. & Baniotopoulos, C.C., 2006, Structural Health Monitoring in Aluminium Curtain-Walls by Applying Neural Networks Techniques, PROCEEDINGS II. INTERNATIONAL CONFERENCE ON NONSMOOTH/NONCONVEX MECHANICS WITH APPLICATIONS IN ENGINEERING, Baniotopoulos, C.C., ZHTH

P.G. Papadopoulos, D. Plasatis, P. Lambrou. Truss model as simple computational tool in Fracture Mechanics. 16th European Conference of Fracture. Alexandroupolis, July 2006, Abstracts Proceedings p. 945-946, CD-ROM Proceedings Paper No...

P.Ivanyi., M.D.Zygomalas & C.C.Baniotopoulos, 2006, On the pull-out Phenomenon of bolts from steel bolted plate connections: A laboratory testing and numerical approach., ICMS 2006 ((Rzeszow, Poland June 21-23 2006), 221-228

P.S. Dineva, T.V. Rangelov and G.D. Manolis, Elastic Wave Motion in a Cracked, Multi-layered Geological Region under Transient Conditions, pp. 391-392 in the Volume on Fracture of Nano and Engineering Materials and Structures, and paper No. 822 in the CD Proceedings of the 16th European Conference on Fracture (ECF16), Edited by E.E. Gdoutos, Alexandroupolis, Greece, 3-7 July 2006, Springer, Dordrecht, 2006.

Papadimitriou E., Savvaidis P., Tokmakidis K., 2006, Geographic Information System for the Management of Archaeological Sites (21st European Conference for ESRI Users, Athens, 6 – 8 November.

S. Loukas, E. Kolokytha., N. Mylopoulos, Y. Mylopoulos , A. Mentis, 2006, Policy Options Through Water Conservation In Agriculture In The Greater Thessaly Area International Conference Protection Restoration of the environment VIII, Crete, e-proceedings.

Sextos, A., Kappos, A., and Koliass, B., "Computing a 'reasonable' spatially variable earthquake input for extended bridge structures", Proceed. of the 13th ECEE, Geneva, Sep. 2006, paper no. 1601.

Souliotis D., Prinos P., 2006, Vegetation Turbulence: From RANS micro-computations to macro-analysis, (invited paper), 7th International Conference

'Hydroscience-2006', Philadelphia, USA, 10, (full paper available in CD-ROM).

Stavroulakis G.E., Foutsitzi G., Hadjigeorgiou E., Marinova D.G., Zacharenakis E.C. & Baniotopoulos C.C., 2006, Numerical Experiments on Smart Beams and Plates, PROCEEDINGS SMART 2006 CONFERENCE, 218-236

Stergios A. Mitoulis , Ioannis A. Tegos, 2006, An alternative proposal for a "movable" abutment for integral bridges, ECEES, First European Conference on Earthquake Engineering and Seismology

Stergios A. Mitoulis, Ioannis A. Tegos, 2006, Seismic retrofitting of existing bridges through the restraining of the free movement by an external stopper, SECON Conference on «Bridges»

Theodossiou, N., P. Latinopoulos, G.P. Karatzas and E.A. Maria, 2006, Delineation of capture zones in groundwater aquifers as a tool for the application of the "polluter-pays" principle, International Conference on Protection and Restoration of the Environment VIII, Chania.

Tolika M., Zorba A., Katsifarakis K.L., 2006, Optimal estimation of aquifer bottom elevation by means of a genetic algorithm code, e-proceedings of International Conference "Protection and Restoration of the Environment VIII", Chania, Kriti.

Tsikaloudaki K., 2006, Shedding light on constructions of the past and today: the use of advanced daylight systems through the centuries, προσκεκλημένη ομιλήτρια στο συμπόσιο Advanced Daylighting and Artificial Lighting in Architecture in 21st Century, Σεούλ, Ν. Κορέα, 119-153.

Y. MYLOPOULOS, , P. GANOULIS, D. VAGIONA, E. KOLOKYTHA (2006), " Developing transboundary water monitoring systems in the Balkans.The case of Prespa Lake", «Protection Restoration of the environment VIII, Crete, (e-proceedings)

Y. Mylopoulos, , P. Ganoulis, D. Vagiona, E. Kolokytha, 2006, Developing transboundary water monitoring systems in the Balkans. The case of Prespa Lake, International Conference «Protection Restoration of the environment VIII, Crete, e-proceedings.

Y.A .MYLOPOULOS, P.J. GANOULIS, D.G. VAGIONA, E. KOLOKYTHA (2006), "Developing Transboundary Water Monitoring Systems in the Balkans.The Case of the Prespa Lake", Protection and Restoration of the Environment VIII, 3 - 7 July 2006 Chania , Greece.

Zeris A., Prinos P., 2006, Wavelet Coherence Analysis for waves over submerged breakwaters", 30th International Conference on Coastal Engineering, ICCE, Sep.2006, San Diego, Book of Abstracts, 274.

Α. Αμπατζής Α., Μπίσμπος Χ., 2006, Μέθοδος υπερωθητικής ανάλυσης χωρικών μη-κανονικών φορέων από οπλισμένο σκυρόδεμα, Πρακτικά 15ου Συνεδρίου Σκυροδέματος, ΤΕΕ, Αλεξανδρούπολη, Τόμος Δ, 66-77.

Α. Νανιόπουλος, Χ. Κουτίτας, Γ. Παλάντζας, Κ. Δημητρίου, Π. Θεοδοσίου, Ε. Βαφάκη, Δ. Μακρής, «Πολιτική περιβαλλοντικής διαχείρισης στον λιμένα της Θεσσαλονίκης. Δράσεις και αποτελέσματα του ερευνητικού έργου "Greenport II". 4ο Πανελλήνιο Συνέδριο Λιμενικών Έργων «Περιβαλλοντική Διαχείριση, Πολιτική, Αποτελέσματα», 20-23/11/2006, ΕΜΠ, Σχολή Πολιτικών Μηχανικών, Ίδρυμα Ευγενίδου, Αθήνα

Αβραμίδης Ι.Ε., "Υπολογιστικά Προσομοιώματα στην Έρευνα και στην Πράξη", Γενική Εισήγηση, Πρακτ. 15ου Ελληνικού Συνεδρίου Σκυροδέματος, Αλεξανδρούπολη, Οκτ. 2006, τόμ. Α, 41-61.

Αθανατοπούλου Α.Μ., Δουδούμης Ι.Ν. (2006): "Κύριες διευθύνσεις στα ασύμμετρα πολυώροφα κτίρια με και χωρίς σεισμική μόνωση βάσης" Πρακτικά 14ου Ελληνικού Συνεδρίου Σκυροδέματος, Αλεξανδρούπολη 2006.

Αθανατοπούλου Α.Μ., Αναστασιάδης Κ., Αβραμίδης Ι.Ε., Επιτροπή της διεύθυνσης διέγερσης στα μεγέθη απόκρισης κατά τη χρονολογική μέθοδο ανάλυσης, Πρακτ. 15ου Ελληνικού Συνεδρίου Σκυροδέματος, Αλεξανδρούπολη, Οκτ. 2006, τόμ. Β, 35-45.

Αλεξούδη Μ., Κακδέρη Κ., Πιπιλάκης Κ., 2006, Ο ρόλος των τοπικών εδαφικών συνθηκών στην αποτίμηση της τρωτότητας των δικτύων ύδρευσης. Διερεύνηση στην Λευκάδα, Πρακτικά 5ου Πανελλήνιου Συνεδρίου Γεωτεχνικής & Γεωπεριβαλλοντικής Μηχανικής, Ξάνθη, 31/5 – 2/6.

Αξιολόγηση φέροντος οργανισμού διατηρητέου κτιρίου προκειμένου αυτό να δεχθεί οριζόντια και κατακόρυφη προσθήκη, Τέγος Ι. Α. - Στυλιανίδης Κ.-Α. - Τοκατλίδης Α. - Χαλάτης Ν., Πρακτικά 15ου Ελληνικού Συνεδρίου Σκυροδέματος, Τόμος Α', σελ. 552-566, Αλεξανδρούπολη, 2006.

Αποστολίδης Π., Μανάκου Μ., Πιπιλάκης Κ., 2006, Προσδιορισμός της Ταχύτητας Vs με τη Χρήση Μικροθορύβου σε Αστικό Περιβάλλον. Αποτελεσματικότητα της Μεθόδου SPAC, Πρακτικά 5ου Πανελλήνιου Συνεδρίου Γεωτεχνικής & Γεωπεριβαλλοντικής Μηχανικής, Ξάνθη, 31/5 – 2/6.

Αργυρούδης Σ., Μπίλλης Θ., Ντέρη Α., Πιπιλάκης Κ., 2006, Σεισμική Τρωτότητα Σηράγγων Μικρού Βάθους σε Αλουβιακές Αποθέσεις, Πρακτικά 5ου Πανελλήνιου Συνεδρίου Γεωτεχνικής & Γεωπεριβαλλοντικής Μηχανικής, Ξάνθη, 31/5 – 2/6.

Αργυρούδης Σ., Πεϊτση Ε., Πεϊτση Α., Πιπιλάκης Κ., 2006, Ο Ρόλος των Τοπικών Εδαφικών Συνθηκών στην Εκτίμηση της Σεισμικής Διακινδύνευσης Γεφυρών Ο/Σ. Εφαρμογή στις Γέφυρες του Πολεοδομικού Συγκροτήματος Θεσσαλονίκης, Πρακτικά 5ου Πανελλήνιου Συνεδρίου Γεωτεχνικής & Γεωπεριβαλλοντικής Μηχανικής, Ξάνθη, 31/5 – 2/6.

- Αργυρούδης Σ., Πιτιλάκης Κ., Κάππος Α., Σέξτος Α., 2006, Μελέτη σεισμικής τρωτότητας γεφυρών από σκυρόδεμα. Εφαρμογή στο πολεοδομικό συγκρότημα Θεσσαλονίκης, Πρακτικά 15ου Ελληνικού Συνεδρίου Σκυροδέματος, Αλεξανδρούπολη, 25-27 Οκτωβρίου.
- Αργυρούδης, Σ. Α., Πιτιλάκης Κ.Δ., Κάππος, Α.Ι., Σέξτος, Α.Γ., «Μελέτη σεισμικής τρωτότητας γεφυρών από σκυρόδεμα. Εφαρμογή στο πολεοδομικό συγκρότημα Θεσσαλονίκης», 15ο Ελλ. Συνέδριο Σκυροδέματος, Αλεξανδρούπολη, 2006, τ. Β, 66-77.
- Β.Σ. Τσιγγέλης, Α.Μ. Αθανατοπούλου & Ι.Ε. Αβραμίδης, 2006, «Σύγκριση της Φασματικής Υπερωθητικής Ανάλυσης με τη Στατική και την Ιδιομορφική Υπερωθητική Ανάλυση», 15ο Συνέδριο Σκυροδέματος, Αλεξανδρούπολη.
- Γ. Μυλοπουλος, Ε. Κολοκυθα, 2006 Περιβαλλοντικά προβλήματα και οικονομική ανάπτυξη της Θεσσαλονίκης, Πρακτικά 20ου Συνεδρίου Συμβουλίου Περιβάλλοντος Α.Π.Θ. σελ. 311-317 , Θεσσαλονίκη
- Γ. Μυλοπουλος, Ε. Κολοκυθα, Δ. Βαγιώνα & Α. Μεντες, 2006, Εφαρμογή πολιτικής διαχείρισης της ζήτησης του νερού στο πολεοδομικό συγκρότημα Θεσσαλονίκης”, , Πρακτικά 20ου Συνεδρίου Συμβουλίου Περιβάλλοντος Α.Π.Θ. σελ. 367-374 , Θεσσαλονίκη
- Γ. Παλάντζας, Χ. Κουτίτας, Α. Νανιόπουλος, «Η εφαρμογή της Οδηγίας 2000/60/ΕΚ στους ελληνικούς λιμένες», 8ο Πανελλήνιο Συμπόσιο Ωκεανογραφίας και Αλιείας, 04-08/06/2006, ΕΛΚΕΘΕ, Θεσσαλονίκη
- Γ.Η. Μανούκας, Α.Μ. Αθανατοπούλου, Ι.Ε. Αβραμίδης, 2006, «Συγκριτική διερεύνηση παραλλαγών της στατικής υπερωθητικής ανάλυσης βάσει σύγχρονων κανονιστικών κειμένων (FEMA 356 - 440, EC-8, ΚΑΝ.ΕΠΕ.)», 15ο Συνέδριο Σκυροδέματος, Αλεξανδρούπολη.
- Γαλιατσάτου Π., Πρίνος Π., 2006, Ανάλυση ακραίων γεγονότων βροχόπτωσης με την βοήθεια μιας ανέλιξης POISSON, Πρακτικά 10ου Πανελλήνιου Συνεδρίου Ε.Υ.Ε., Ξάνθη, 47-54.
- Γαλιατσάτου Π., Πρίνος Π., Κρεστενίτης Γ., 2006, Χωρική συσχέτιση ακραίων κυμάτων, 8ο Πανελλήνιο Συμπόσιο Ωκεανογραφίας και Αλιείας”, σελ. 42 (η πλήρης εργασία περιλαμβάνεται σε CD-ROM).
- Δερμίσση Σ., Δερμίσσης Β. (2006), “Αριθμητικά μοντέλα ροής και κίνησης φερτών υλών σε καμπύλα τμήματα υδατορρευμάτων”, 10ο πανελλήνιο συνέδριο της Ελληνικής Υδροτεχνικής Ένωσης (ΕΥΕ), σελ. 895-902, Ξάνθη.
- Δευτεροβάθμιος προσεισμικός έλεγχος κτηρίων Α.Π.Θ., Κάππος Α. - Στυλιανίδης Κ. - Πενέλης Γ. –Μέργος Π., Πρακτικά 15ου Ελληνικού Συνεδρίου Σκυροδέματος, Τόμος Β', σελ. 206-217, Αλεξανδρούπολη, 2006.
- ΔΙΕΡΕΥΝΗΣΗ ΤΗΣ ΣΥΜΠΕΡΙΦΟΡΑΣ ΚΑΙ ΑΝΤΟΧΗΣ ΙΣΤΟΡΙΚΩΝ ΚΤΙΡΙΩΝ Βαγγελάκος Α., Καραβεζύρογλου Μ., Πρακτικά 1ου Πανελλήνιου Συνεδρίου Αναστηλώσεων, ΕΤΕΠΑΜ, Θεσσαλονίκη 2006

Δουδούμης Ν.Ι., Γραβαλάς Φ., Δουδούμης Ι.Ν., Παπαδόπουλος Π., Αθανατοπούλου Α.Μ. (2006): "Συγκριτική αποτίμηση του κόστους κατασκευής κτιρίου Ο.Σ. με συμβατική θεμελίωση ή περιορισμένη σεισμική μόνωση ολισθαίνουσας βάσης." Πρακτικά 14ου Ελληνικού Συνεδρίου Σκυροδέματος, Αλεξανδρούπολη 2006.

Ε. ΚΟΛΟΚΥΘΑ, Α. ΚΑΡΑΜΙΝΤΖΙΟΣ, Γ. ΜΥΛΟΠΟΥΛΟΣ, Ε. ΕΛΕΦΘΕΡΙΑΔΟΥ (2006), «Socioeconomic and environmental aspects in the management of transboundary Axios basin. Sustainability indicators.», EEDYP, Chania 2007 (accepted for publication).

Ελπέκος Στ., Τίκα Θ. & Κουμεντάκος Σ., 2006, Η Παραμένουσα Αντοχή Συνεκτικών Εδαφών. Πρακτικά 5ου Πανελληνίου Συνεδρίου ΓΕΩΤΕΧΝΙΚΗΣ & ΓΕΩΠΕΡΙΒΑΛΛΟΝΤΙΚΗΣ ΜΗΧΑΝΙΚΗΣ, Τόμος 1, σελ. 95-102.

Ευθυμίου Ν. και Δερμίσης Β. (2006) "Αξιολόγηση δεδομένων εξισώσεων υπολογισμού υποσκαφής βάθρων γεφυρών μέσω μετρήσεων πεδίου", 10ο πανελλήνιο συνέδριο της Ελληνικής Υδροτεχνικής Ένωσης (ΕΥΕ), σελ. 515-522, Ξάνθη

Η σεισμική συμπεριφορά των Βυζαντινών Τειχών ως εργαλείο εκτίμησης της σεισμικής ιστορίας της Θεσσαλονίκης, Στυλιανίδης Κ. - Σέξτος Α., Πρακτικά 1ου Πανελληνίου Συνεδρίου Αναστηλώσεων, Ιούνιος 2006, Θεσσαλονίκη

Θεοδοσίου, Ν. και Ε. Φωτοπούλου, 2006, Καθορισμός ζωνών προστασίας γεωτρήσεων υπό συνθήκες πραγματικού πεδίου ροής, 10ο Πανελλήνιο Συνέδριο Ε.Υ.Ε., 421-428, Ξάνθη.

Ι. Α. Τέγος, Ν. Χ. Γιάννακας, 2006, Πλάκες επί εδάφους: οι γνωστοί-άγνωστοι φορείς Σκυροδέματος, 15ο Συνέδριο Σκυροδέματος

Ι. Τέγος, Γ. Χ. Ρουπακιάς, 2006, Προεκτίμηση των αναγκαίων εμφανωμένων σε πλαίσια ή και ανεξαρτήτων τοιχωμάτων για την ενίσχυση υφιστάμενης οικοδομής, 15ο Συνέδριο Σκυροδέματος

Ι.Α. Τέγος, Κ.-Α. Στυλιανίδης, Α.Τοκατλίδης, Ν.Χαλάτης, 2006, Αξιολόγηση φέροντος οργανισμού διατηρητέου κτιρίου προκειμένου αυτό να δεχθεί οριζόντια και κατακόρυφη προσθήκη, 15ο Συνέδριο Σκυροδέματος

Ι.Ν. Δουδούμης, Φ. Γραβαλάς, Ν.Ι. Δουδούμης, Α. Αθανατοπούλου, Π. Παπαδόπουλος, 2006, «Συγκριτική αποτίμηση του κόστους κατασκευής κτιρίου Ο.Σ. με συμβατική θεμελίωση ή περιορισμένη σεισμική μόνωση ολισθαίνουσας βάσης», 15ο Συνέδριο Σκυροδέματος, Αλεξανδρούπολη.

Κακδέρη Κ., Ραπτάκης Δ., Αργυρούδης Σ., Αλεξούδη Μ., Πιπιλάκης Κ., 2006, Σεισμική απόκριση και τρωτότητα κρηπιδοτόιχων. Το παράδειγμα της Λευκάδας, Πρακτικά 5ου Πανελληνίου Συνεδρίου Γεωτεχνικής & Γεωπεριβαλλοντικής Μηχανικής, Ξάνθη, 31/5 – 2/6.

Κακδέρη Κ., Ραπτάκης Δ., Αργυρούδης Σ., Αλεξούδη Μ., Πιπιλάκης Κ., 2006, Σεισμική απόκριση και τρωτότητα κρηπιδοτόιχων. Το παράδειγμα της

Λευκάδας, Πρακτικά 5ου Πανελληνίου Συνεδρίου Γεωτεχνικής & Γεωπεριβαλλονικής Μηχανικής, Ξάνθη, 31/5 – 2/6.

Καλλιόγλου Π., Τίκα, Θ. & Κονίνης Γ., 2006, Δυναμικές Ιδιότητες Τεχνητών Οργανικών Εδαφών. Πρακτικά 5ου Πανελληνίου Συνεδρίου ΓΕΩΤΕΧΝΙΚΗΣ & ΓΕΩΠΕΡΙΒΑΛΛΟΝΤΙΚΗΣ ΜΗΧΑΝΙΚΗΣ, Τόμος 2, σελ. 207-214.

Κάππος Α.Ι. - Στυλιανίδης Κ.Χ. - Πενέλης Γ.Γ. - Μέργος Π., 2006, "Δευτεροβάθμιος προσεισμικός έλεγχος κτηρίων Α.Π.Θ.", Πρακτικά 15ου Ελληνικού Συνεδρίου Σκυροδέματος, Αλεξανδρούπολη, Β, 206-217

Κάππος, Α., Παναγόπουλος, Γ., Παπανικολάου, Β., Πενέλης, Γρ., «Εκτίμηση τρωτότητας για τα μνημεία της Θεσσαλονίκης και κατάστρωση σχετικής γεωπληροφορικής βάσης δεδομένων», 1ο Συνέδριο Αναστηλώσεων, Εργ. αριθ. 39, ΕΤΕΠΑΜ, Θεσσαλονίκη, Ιούν. 2006.

Κάππος, Α.Ι. και Κουρής, Λ.Α. Σ., «Παραμετρική διερεύνηση της επιρροής της στάθμης αξιοπιστίας των δεδομένων στην αναλυτική αποτίμηση των κατασκευών», 15ο Ελλ. Συνέδριο Σκυροδέματος, Αλεξανδρούπολη, 2006, τ. Β, 242-255.

Κάππος, Α.Ι., Δημητρακόπουλος, Η.Γ., Παπαϊωάννου, Χ. Α. « Σκοπιμότητα προσεισμικής ενίσχυσης κτιρίων: Μεθοδολογία και πιλοτική εφαρμογή», 15ο Ελλ. Συνέδριο Σκυροδέματος, Αλεξανδρούπολη, 2006, τ. Β, 256-268.

Κάππος, Α.Ι., Λεκίδης, Β.Α., Σαλονικιός, Θ.Ν., Αντωνιάδης, Κ.Κ. και Παρασκευόπουλος, Η.Α., «Συσχέτιση της Δομικής Βλάβης Κτιρίων Ο/Σ με Οικονομικές Απώλειες: Βαθμονόμηση βάσει δεδομένων από τους σεισμούς της Αθήνας (1999) και της Θεσσαλονίκης (1978)», 15ο Ελλ. Συνέδριο Σκυροδέματος, Αλεξανδρούπολη, 2006, τ. Β, 218-229.

Κάππος, Α.Ι., Μοσχονάς, Ι.Φ., Παρασκευά, Θ. και Σέξτος, Α.Γ., «Αναλυτική μεθοδολογία υπολογισμού καμπυλών τρωτότητας για γέφυρες από σκυρόδεμα», 15ο Ελλ. Συνέδριο Σκυροδέματος, Αλεξανδρούπολη, 2006, τ. Β, 230-241.

Κεραμάρης Ε. και Πρίνος Π. 2006, Διδιάστατα ρεύματα βαρύτητας με μεγάλη διαφορά πυκνότητας, Πρακτικά 10ου Πανελληνίου Συνεδρίου Ε.Υ.Ε., Ξάνθη, 695-702.

Κεραμάρης Ε., Πρίνος Π., 2006, Διαμόρφωση υδατορευμάτων: Πρακτική αντιμετώπιση και βέλτιστος σχεδιασμός, Πρακτικά 10ου Πανελληνίου Συνεδρίου Ε.Υ.Ε., Ξάνθη, 531-538.

Κίρτας Ε., Πιπιάκης Κ., Ροβίθης Ε., 2006, Αριθμητική Διερεύνηση της Δυνατότητας Μείωσης της Σεισμικής Διακινδύνευσης Κατασκευών με Επεμβάσεις στο Υπέδαφος Θεμελίωσης, Πρακτικά 5ου Πανελληνίου Συνεδρίου Γεωτεχνικής & Γεωπεριβαλλονικής Μηχανικής, Ξάνθη, 31/5 – 2/6.

Κομπιάδου Κ. & Κρεστενίτης Ι.Ν., 2006, Προσομοίωση – Διερεύνηση της Ιζηματογένεσης στον Θερμαϊκό Κόλπο, 8ο Πανελλήνιο Συμπόσιο Ωκεανογραφίας και Αλιείας, Θεσσαλονίκη 4-8.06.06

Κονίνης Γ., Τίκα Θ. & Καλλιόγλου Π., 2006, Συσχέτιση αστράγγιστης διατμητικής Αντοχής και της Τάσης Προστερεοποίησης Μαργαϊκών Εδαφών. Πρακτικά 5ου Πανελληνίου Συνεδρίου ΓΕΩΤΕΧΝΙΚΗΣ & ΓΕΩΠΕΡΙΒΑΛΛΟΝΤΙΚΗΣ ΜΗΧΑΝΙΚΗΣ, Τόμος 1, σελ. 111-118.

Κοτανίδης Χ., Δουδούμης Ν.Ι., Δουδούμης Ι.Ν. (2006): "Συγκριτική μελέτη εφαρμογής των μεθόδων ανάλυσης "static pushover" και "time history" σε κατασκευές οπλισμένου σκυροδέματος." Πρακτικά 14ου Ελληνικού Συνεδρίου Σκυροδέματος, Αλεξανδρούπολη 2006.

Κουτάντος Ε., Πρίνος Π. και Καμπάνης Ν., 2006, Πειραματική μελέτη των ασκούμενων πιέσεων λόγω κυματισμών σε σταθερή ημιβυθισμένη κατασκευή ορθογωνικής διατομής", Πρακτικά 10ου Πανελληνίου Συνεδρίου Ε.Υ.Ε., Ξάνθη, 979-986.

Κουτάντος Ε., Πρίνος Π., Κουτίτας Χ., 2006, Κατακόρυφα διδιάστατη αλληλεπίδραση κυματισμών με πορώδη κυματοθραύστη ορθογωνικής διατομής, Πρακτικά 10ου Πανελληνίου Συνεδρίου Ε.Υ.Ε., Ξάνθη, 987-994.

Κόφτης Θ, Πρίνος Π και Κουτίτας Χρ., 2006, Πειραματική διερεύνηση της κυματικής υπερπήδησης πλωτών κυματοθραυστών, Πρακτικά 10ου Πανελληνίου Συνεδρίου Ε.Υ.Ε., Ξάνθη, 995-1002.

Κρεστενίτης Ι., Αντωνιάδου Χ., Κομπιάδου Κ., Παναγιώτου Μ. & Χιντήρογλου Χ., 2006, Επίδραση των Βενθικών Ασκιδίων στην Κατανομή του Αιωρούμενου Σωματιδιακού Υλικού στον Κόλπο της Θεσσαλονίκης, 8ο Πανελλήνιο Συμπόσιο Ωκεανογραφίας και Αλιείας, Θεσσαλονίκη 4-8.06.06

Κρεστενίτης Ι.Ν. & Κομπιάδου Κ., 2006, Μαθηματική Προσομοίωση της Κίνησης της Αιολικά Μεταφερόμενης Σκόνης στο Θερμαϊκό Κόλπο, 8ο Πανελλήνιο Συμπόσιο Ωκεανογραφίας και Αλιείας, Θεσσαλονίκη 4-8.06.06

Κρεστενίτης Ι.Ν., Ανδρουλιδάκης Ι. Κομπιάδου Κ., 2006, Διερεύνηση της Συμβολής των Ποταμών στην Εξέλιξη των Φυσικών Παραμέτρων του Θερμαϊκού Κόλπου, 8ο Πανελλήνιο Συμπόσιο Ωκεανογραφίας και Αλιείας, Θεσσαλονίκη 4-8.06.06

Κυρατζή Α., Σαββαΐδης Π., Τζιαβός Η., Σαββαΐδης Α., Κουτουπές Σ., και Σωτηριάδης Τ., 2006, Σεισμοί και δομημένο περιβάλλον: Εφαρμογή σύγχρονων μεθόδων για την εκτίμηση των αναμενόμενων επιπτώσεων στην πόλη της Θεσσαλονίκης, 2ο Συνέδριο Συμβουλίου Περιβάλλοντος Α.Π.Θ. «Τα περιβαλλοντικά προβλήματα της Θεσσαλονίκης και της ευρύτερης περιοχής: Οι απόψεις του Α.Π.Θ.», Θεσσαλονίκη, 1-4 Ιουνίου.

Λακάκης Κ., Χαλιμούρδας Σ., Σαββαΐδης Π., 2006, Παρακολούθηση της Γεωμετρικής Συμπεριφοράς του Καταστρώματος Γέφυρας με την χρήση τεχνολογίας GNSS, 2ο Πανελλήνιο Συνέδριο ATM, Αθήνα.

Μάκρα, Κ., Δ. Ραπτάκης, Α. Αναστασιάδης & Κ. Πιπιλάκης, 2006. "Η Επιρροή της Ιζηματογενούς Λεκάνης της Θεσσαλονίκης στη Σεισμική Κίνηση."

Πρακτικά 5ου Πανελληνίου Συνεδρίου Γεωτεχνικής και Γεωπεριβαλλοντικής Μηχανικής, CDROM No 4.35, 31 Μαΐου - 2 Ιουνίου 2006, Ξάνθη.

Μάκρα, Κ., Δ. Ραππάκης, F.J. Chávez-García & Κ. Πιπιάκης, 2006.
“Παραμετρική ανάλυση της 1Δ και 2Δ σεισμικής απόκρισης στη λεκάνη Euroseistest.” Πρακτικά 5ου Πανελληνίου Συνεδρίου Γεωτεχνικής και Γεωπεριβαλλοντικής Μηχανικής, 31 Μαΐου - 2 Ιουνίου 2006, Ξάνθη.

ΜΑΚΡΟΧΡΟΝΙΑ ΣΥΝΥΠΑΡΞΗ ΟΠΛΙΣΜΕΝΟΥ ΣΚΥΡΟΔΕΜΑΤΟΣ ΚΑΙ ΛΙΘΟΔΟΜΗΣ ΣΤΗ ΛΕΙΤΟΥΡΓΙΑ ΜΙΑΣ ΠΑΛΙΑΣ ΓΕΦΥΡΑΣ Καραβεζύρογλου Μ., Κωνσταντινίδης Γ., Παπαζιώγα Ι, Πρακτικά 15ου Ελληνικού Συνεδρίου Σκυροδέματος, Έκδοση ΤΕΕ, Αλεξανδρούπολη 2006

Μανάκου Μ., Αποστολίδης Π., Ραππάκης Δ., Πιπιάκης Κ., 2006,
Προσδιορισμός της ταχύτητας των διατμητικών κυμάτων (Vs) με τη χρήση μικροθορύβου στη Μυγδονία λεκάνη. Πρακτικά 5ου Πανελληνίου Συνεδρίου Γεωτεχνικής & Γεωπεριβαλλοντικής Μηχανικής, Ξάνθη, 31/5 – 2/6.

Μανάκου Μ., Αποστολίδης Π., Ραππάκης Δ., Πιπιάκης Κ., 2006,
Προσδιορισμός της ταχύτητας των διατμητικών κυμάτων (Vs) με τη χρήση μικροθορύβου στη Μυγδονία λεκάνη. Πρακτικά 5ου Πανελληνίου Συνεδρίου Γεωτεχνικής & Γεωπεριβαλλοντικής Μηχανικής, Ξάνθη, 31/5 – 2/6.

Μανάκου Μ., Ραππάκης Δ. Μάκρα Κ., Chavez-Garcia F., Αποστολίδης Π., Πιπιάκης Κ., 2006, Προσομοίωμα τριών διαστάσεων της γεωλογικής δομής της Μυγδονίας λεκάνης και μελέτη της σεισμικής απόκρισής της, Πρακτικά 5ου Πανελληνίου Συνεδρίου Γεωτεχνικής & Γεωπεριβαλλοντικής Μηχανικής, Ξάνθη, 31/5 – 2/6.

Μανάκου Μ., Ραππάκης Δ. Μάκρα Κ., Chavez-Garcia F., Αποστολίδης Π., Πιπιάκης Κ., 2006, Προσομοίωμα τριών διαστάσεων της γεωλογικής δομής της Μυγδονίας λεκάνης και μελέτη της σεισμικής απόκρισής της, Πρακτικά 5ου Πανελληνίου Συνεδρίου Γεωτεχνικής & Γεωπεριβαλλοντικής Μηχανικής, Ξάνθη, 31/5 – 2/6.

Μανούκας Γ.Η., Αθανατοπούλου Α.Μ., Αβραμίδης Ι.Ε., Συγκριτική διερεύνηση παραλλαγών της στατικής υπερωθητικής ανάλυσης βάσει σύγχρονων κανονιστικών κειμένων (FEMA 356-440, EC-8, ΚΑΝ.ΕΠΕ.), Πρακτ. 15ου Ελληνικού Συνεδρίου Σκυροδέματος, Αλεξανδρούπολη, Οκτ. 2006, τόμ. Β, 410-426.

Μιναρές Ροτόντας Θεσσαλονίκης. Επεμβάσεις στερέωσης και ενίσχυσης του εξώστη. Τεκμηρίωση, διαστασιολόγηση και εφαρμογή, Πενέλης Γ. Γ. - Στυλιανίδης Κ. Χ. - Ιγνατάκης Χ. Ε. - Ξανθός Β. - Μοσχονάς Ι., Πρακτικά 1ου Πανελληνίου Συνεδρίου Αναστηλώσεων, Ιούνιος 2006, Θεσσαλονίκη.

Μιτολίδης, Γ.Ι., Σαλονικιός, Θ.Ν. και Κάππος, Α.Ι., «Μηχανικά Χαρακτηριστικά Ανθρακοϋφα-σμάτων (CFRP) και Χαλυβδοϋφασμάτων (SRP) και Διερεύνηση της Εφαρμογής τους στην Ενίσχυση Δοκών Οπλισμένου Σκυροδέματος», 15ο Ελλ. Συνέδριο Σκυροδέματος, Αλεξανδρούπολη, 2006, τ. Γ, 347-359.

Μπαμπουκας Ε.Ν., Αβραμίδης Ι.Ε., Ενισχύσεις υφισταμένων κτιρίων μέσω ετατεταγμένων κατακορύφων δίσκων, Πρακτ. 15ου Ελληνικού Συνεδρίου Σκυροδέματος, Αλεξανδρούπολη, Οκτ. 2006, τόμ. Α, 323-334.

Ν. Χ. Γιάννακας, Ι. Α. Τέγος, 2006, Σχεδιασμός Συμπαγών και Κοίλων Κυκλικών Διατομών έναντι Τέμνουσας και Λειτουργικότητας, 15ο Συνέδριο Σκυροδέματος

Π.Γ.Παπαδόπουλος, Γ. Αρέθας, Π. Λαζαρίδης. Μη γραμμικός στατικός υπολογισμός καλωδιωτής γέφυρας με τη βοήθεια δικτυωτού προσομοιώματος. 15ο Ελληνικό Συνέδριο Σκυροδέματος, Αλεξανδρούπολη, Οκτώβριος 2006, σελ. 78-89.

Παναγόπουλος, Γ. και Κάππος, Α., «Υπολογισμός καμπυλών τρωτότητας για ελληνικά κτίρια από Ο/Σ», 15ο Ελλ. Συνέδριο Σκυροδέματος, Αλεξανδρούπολη, 2006, τ. Β, 564-576.

Παπαδόπουλος Στ., Καλλιόγλου Π. & Τίκα Θ., 2006, Συμπιεστότητα Τεχνητών Οργανικών Εδαφών. Πρακτικά 5ου Πανελληνίου Συνεδρίου ΓΕΩΤΕΧΝΙΚΗΣ & ΓΕΩΠΕΡΙΒΑΛΛΟΝΤΙΚΗΣ ΜΗΧΑΝΙΚΗΣ, Ξάνθη, Τόμος 1, σελ. 191-198.

Παπαδοπούλου Α. & Τίκα Θ., 2006, Η Επίδραση των Λεπτοκόκκων στην Αντίσταση Ρευστοποίησης Ιλυωδών Άμμων. Πρακτικά 5ου Πανελληνίου Συνεδρίου ΓΕΩΤΕΧΝΙΚΗΣ & ΓΕΩΠΕΡΙΒΑΛΛΟΝΤΙΚΗΣ ΜΗΧΑΝΙΚΗΣ, Τόμος 1, σελ. 401-408.

Παπανικολάου, Β. και Κάππος, Α. , «Προσομοίωση του φαινομένου της περίσφιξης με τη μέθοδο των πεπερασμένων στοιχείων στο χώρο», 15ο Ελλ. Συνέδριο Σκυροδέματος, Αλεξανδρούπολη, Οκτ. 2006, τ. Γ, 106-117.

Πενέλης Γ.Γ. - Στυλιανίδης Κ.Χ. - Ιγνατάκης Χ.Ε. - Ξανθός Β. - Μοσχονάς Ι., 2006, "Μιναρές Ροτόντας Θεσσαλονίκης. Επεμβάσεις στερέωσης και ενίσχυσης του εξώστη. Τεκμηρίωση, διαστασιολόγηση και εφαρμογή". Πρακτικά 1ου Πανελληνίου Συνεδρίου Αναστηλώσεων, Ιούνιος 2006, Θεσσαλονίκη

Πεχλιβανίδης Γ. , Σαμαράς Γρ., Αμοιρίδης Κ. και Β. Δερμίσσης (2006), "Εργαστηριακό όργανο σημειακής μέτρησης αλατότητας", 10ο πανελλήνιο συνέδριο της Ελληνικής Υδροτεχνικής Ένωσης (ΕΥΕ), σελ. 877-884, Ξάνθη.

Πεχλιβανίδης Γ. , Σαμαράς Γρ., Τασούλα Αικ., Πεχλιβανίδης Ηλ. και Β. Δερμίσσης (2006), "Μείωση του μήκους της αλμυρής σφήνας με τη χρήση εμβαπτιζομένων ορθογωνικών εκχειλιστών", 10ο πανελλήνιο συνέδριο της Ελληνικής Υδροτεχνικής Ένωσης (ΕΥΕ), σελ. Ξάνθη.

Πεχλιβανίδης Γ., Πεχλιβανίδης Η., Σαμαράς Γρ. και Β. Δερμίσσης (2006) "Μέθοδος βαθμονόμησης αισθητηρίων ανεμομέτρων σε εργαστηριακό κανάλι ή σε κλειστό αγωγό", 10ο πανελλήνιο συνέδριο της Ελληνικής Υδροτεχνικής Ένωσης (ΕΥΕ), σελ.869-875, Ξάνθη.

- Πιπιλάκης Κ., Κίρτας Ε., 2006, Μελέτη Επανατοποθέτησης του Πέτρινου Πυργίσκου του Φάρου στην Κορυφή του Πύργου Zacosta στο Φρούριο του Αγ. Νικολάου στη Ρόδο, Πρακτικά 1ου Πανελληνίου Συνεδρίου Αναστηλώσεων, Εταιρεία Έρευνας και Προώθησης της Επιστημονικής Αναστήλωσης Μνημείων (ΕΤΕΠΑΜ), Θεσσαλονίκη.
- Ραπτάκης, Δ., Π. Αποστολίδης, Κ. Μάκρα, Κ. Πανδή, Μ. Μανάκου & Κ. Πιπιλάκης, 2006. “Μελέτη της εδαφικής απόκρισης με τη χρήση σεισμών και μικροθούβου στην πόλη του Αιγίου.” Πρακτικά 5ου Πανελληνίου Συνεδρίου Γεωτεχνικής και Γεωπεριβαλλοντικής Μηχανικής, CDROM No 4.52, 31 Μαΐου - 2 Ιουνίου 2006, Ξάνθη.
- Ροβίθης Ε., Πιπιλάκης Κ., Κίρτας Ε., 2006, Σεισμική Απόκριση Πασσαλοθεμελιώσεων σε Πολύ Μαλακά Εδάφη, Πρακτικά 5ου Πανελληνίου Συνεδρίου Γεωτεχνικής & Γεωπεριβαλλοντικής Μηχανικής, Ξάνθη, 31/5 – 2/6.
- Σ. Μητούλης, Β. Κουρτίδης, Γ. Μάνος, Ι. Τέγος, 2006, Μελέτη της συμπεριφοράς ομοιωμάτων ελαστομεταλλικών εφεδράνων γεφυρών Ο/Σ κάτω από προδιαγεγραμμένες φορτιστικές καταπονήσεις, 15ο Συνέδριο Σκυροδέματος
- Σ.Α. Μητούλης , Ι.Α Τέγος, 2006, Μία πρόταση για την αντισεισμική αναβάθμιση των γεφυρών, 15ο Συνέδριο Σκυροδέματος
- Σ.Α. Μητούλης, Ι.Α. Τέγος, Μ.Α. Τσιώτας, 2006, Μία συμβολή στην εναρμόνιση των λειτουργικών και αντισεισμικών αναγκών στις γέφυρες με μονολιθική σύνδεση φορέα – ακροβάθρων, 15ο Συνέδριο Σκυροδέματος
- Σ.Κ. Αναγνώστης, Ι.Α. Τέγος, Κ.Β. Παπανικολάου, 2006, Μη συμβατικές διατάξεις οπλίσεως πλακών κεφαλοδέσμων, 15ο Συνέδριο Σκυροδέματος
- Σαββαΐδης Π., 2006, Διαχείριση φυσικών καταστροφών μέσω γεω-πληροφοριακών συστημάτων, Ημερίδα Επιστήμης & Τεχνολογίας - Δράση: «Ερμής», Πρόγραμμα «ΑΝΤΑΓΩΝΙΣΤΙΚΟΤΗΤΑ», 71η ΔΕΘ.
- Σαββαΐδης Π., 2006, Χρήση τεχνολογιών πληροφορικής και επικοινωνιών για τη διαχείριση των επιπτώσεων των φυσικών καταστροφών, Ημερίδα δικτύου Geolmpact, Θεσσαλονίκη, Δεκέμβριος.
- Σαμαράς Γρ. και Β. Δερμίσσης (2006), “Επίδραση της τραχύτητας πυθμένα υδατορεύματος στο μήκος εισόδου του νερού της θάλασσας”, 10ο πανελλήνιο συνέδριο της Ελληνικής Υδροτεχνικής Ένωσης (ΕΥΕ), σελ. 403-410, Ξάνθη.
- Σαμαράς Γρ., Πεχλιβανίδης Γ. και Β. Δερμίσσης (2006), “Προβλήματα κατά τη μέτρηση παραμέτρων στρωματώδους ροής στο εργαστήριο”, 10ο πανελλήνιο συνέδριο της Ελληνικής Υδροτεχνικής Ένωσης (ΕΥΕ), σελ. 885-892, Ξάνθη.
- Σειτάνης Σ., Αναγνωστόπουλος Π., 2006, Αριθμητική προσομοίωση της ροής γύρω από μια συστοιχία κυλίνδρων, 10ο Πανελλήνιο Συνέδριο της ΕΥΕ, Ξάνθη, 919-926.

- Σέξτος, Α. , Καρακώστας, Χ., Λεκίδης, Β. και Κάππος, Α., «Δυναμική συμπεριφορά της 2ης Χαραδρογέφυρας παράκαμψης Καβάλας υπό ασύγχρονη σεισμική κίνηση», 15ο Ελλ. Συνέδριο Σκυροδέματος, Αλεξανδρούπολη, 2006, τ. Δ, 471-482.
- Σκορδέλη Μ.-Α., Μπίσμπος Χ., 2006, Υπολογιστική μέθοδος οριακής ανάλυσης πλακών από οπλισμένο σκυρόδεμα, Πρακτικά 15ου Συνεδρίου Σκυροδέματος, ΤΕΕ, Αλεξανδρούπολη, Τόμος Δ, 105-116.
- Σουλιώτης Δ., Πρίνος Π., 2006, Τυρβώδης ροή σε ανοιχτό αγωγό με βυθισμένη βλάστηση, Πρακτικά 10ου Πανελληνίου Συνεδρίου Ε.Υ.Ε., Ξάνθη, 727-734.
- Στάμου Μ., Καρίνογλου Κ. και Σαββαΐδης Π., 2006, Δομική αποτύπωση μορφής και παθολογίας διατηρητέου κτιρίου με τη χρήση σύγχρονης τεχνολογίας, 1ο Συνέδριο Αναστηλώσεων, Οργάνωση ΕΤΕΠΑΜ, Θεσσαλονίκη, 14-16 Ιουνίου.
- Στατική αναστήλωση του τόξου της δυτικής παρόδου του αρχαίου θεάτρου Φιλίππων., Στυλιανίδης Κ - Σέξτος Α.- Ζάμπας Κ., Πρακτικά 1ου Πανελληνίου Συνεδρίου Αναστηλώσεων, Ιούνιος 2006, Θεσσαλονίκη.
- Σταυριδάκης Ι. Ε., 2006, "Επίδραση του χρόνου συντήρησης στην ανάπτυξη των μηχανικών ιδιοτήτων αργιλλο-αμμωδών μιγμάτων σταθεροποιημένων με τσιμέντο". 5ο Πανελλήνιο Συνέδριο Γεωτεχνικής και Γεωπεριβαλλοντικής Μηχανικής, Ξάνθη 31/5-2/6/2006, Πρακτικά Συνεδρίου Τόμος 1, pp463-470.
- Σταυριδάκης Ι. Ε., 2006, "Ταξινόμηση αντοχής και διαβρωσιμότητας αργιλλο-αμμωδών μιγμάτων βελτιωμένων με τσιμέντο". 5ο Πανελλήνιο Συνέδριο Γεωτεχνικής και Γεωπεριβαλλοντικής Μηχανικής, Ξάνθη 31/5-2/6/2006, Πρακτικά Συνεδρίου Τόμος 1, pp455-462.
- Σταυρίδου Α., Πρίνος Π., 2006, Η επίδραση της θέσης των ανοιγμάτων στον φυσικό αερισμό κτιρίων, Πρακτικά 10ου Πανελληνίου Συνεδρίου Ε.Υ.Ε., Ξάνθη, 927-934.
- Στυλιανίδης Κ.Χ. - Κάππος Α.Ι. - Πενέλης Γ.Γ. - Ιγνατάκης Χ.Ε., 2006, "Ταχύς οπτικός προσεισμικός έλεγχος κτιρίων Α.Π.Θ.", Πρακτικά 15ου Ελληνικού Συνεδρίου Σκυροδέματος, Β, 611-622
- Στυλιανίδης Κ.Χ. - Σέξτος Α. - Ζάμπας Κ., 2006, "Στατική αναστήλωση του τόξου της δυτικής παρόδου του αρχαίου θεάτρου Φιλίππων", Πρακτικά 1ου Πανελληνίου Συνεδρίου Αναστηλώσεων, Ιούνιος 2006, Θεσσαλονίκη
- Στυλιανίδης Κ.Χ. - Σέξτος Α., 2006, "Η σεισμική συμπεριφορά των Βυζαντινών Τειχών ως εργαλείο εκτίμησης της σεισμικής ιστορίας της Θεσσαλονίκης", Πρακτικά 1ου Πανελληνίου Συνεδρίου Αναστηλώσεων, Ιούνιος 2006, Θεσσαλονίκη

Ταχύς οπτικός προσεισμικός έλεγχος κτιρίων Α.Π.Θ., Στυλιανίδης Κ. Χ. - Κάππος Α. Ι. - Πενέλης Γ. Γ. - Ιγνατάκης Χ. Ε., Πρακτικά 15ου Ελληνικού Συνεδρίου Σκυροδέματος, Τόμος Β', σελ. 611-622, Αλεξανδρούπολη, 2006.

ΤΕΓΟΣ Ι., 2006, Επιπτώσεις της διάστρωσης μειωμένης ως προς τις απαιτήσεις της μελέτης ποιότητας σκυροδέματος στην ασφάλεια των οικοδομών, 15ο Συνέδριο Σκυροδέματος

Τέγος Ι.Α. - Στυλιανίδης Κ.Χ. - Τοκατλίδης Α. - Χαλάτης Ν., 2006, "Αξιολόγηση φέροντος οργανισμού διατηρητέου κτιρίου προκειμένου αυτό να δεχθεί οριζόντια και κατακόρυφη προσθήκη", Πρακτικά 15ου Ελληνικού Συνεδρίου Σκυροδέματος, Αλεξανδρούπολη, Α, 552-566

Τερζή Β., Ραπτάκης Δ., Μανάκου Μ., Μάνος Γ., Κ. Πιπιλάκης, 2006. "Πειραματική και Θεωρητική Διερεύνηση Εξαναγκασμένης Ελεύθερης Ταλάντωσης Ομοιώματος Βάθρου Γέφυρας", 5ο Πανελλήνιο Συνέδριο Γεωτεχνικής και Γεωπεριβαλλοντικής Μηχανικής, CDROM No 4.56, Ξάνθη, 31/5 - 2/6/2006.

Τσιγγέλης Β., Αθανατοπούλου Α.Μ., Αβραμίδης Ι.Ε., Σύγκριση της φασματικής υπερωθητικής ανάλυσης με τη στατική και ιδιομορφική υπερωθητική ανάλυση, Πρακτ. 15ου Ελληνικού Συνεδρίου Σκυροδέματος, Αλεξανδρούπολη, Οκτ. 2006, τόμ. Β, 672-683.

Τσικαλουδάκη Κ., 2006, Αξιοποιώντας το φυσικό φως με υαλοπίνακες προηγμένης τεχνολογίας, πρακτικά του διεθνούς συνεδρίου «Διαφάνεια και Αρχιτεκτονική: Όρια και Προκλήσεις», Θεσσαλονίκη, σε αναμονή έκδοσης του τόμου των πρακτικών.

ΤΣΩΝΟΣ, Α. Γ., "Ινοπλισμένο σκυρόδεμα υψηλής αντοχής για την κατασκευή μανδύων αντισεισμικής ενίσχυσης κτιρίων χωρίς τη χρήση συμβατικού χάλυβα", Πρακτικά 15ου Ελληνικού Συνεδρίου Σκυροδέματος, Αλεξανδρούπολη, Οκτώβριος 2006, 11pp (αποδεκτή για παρουσίαση).

Φαρσιρώτου Ε., Δερμίσης Β. και Ι. Σούλης (2006), "Προσδιορισμός μέγιστης διάβρωσης σε βάθρα γεφυρών", 10ο πανελλήνιο συνέδριο της Ελληνικής Υδροτεχνικής Ένωσης (ΕΥΕ), σελ.. 563-570, Ξάνθη.

Φλαμπούρης Κ. και Β. Δερμίσης (2006), "Μελέτη του παράγοντα βροχόπτωσης R στον νόμο RUSLE", 10ο πανελλήνιο συνέδριο της Ελληνικής Υδροτεχνικής Ένωσης (ΕΥΕ), σελ. 183-190, Ξάνθη.

Φωτάκη Β., Πιπιλάκης Κ., Κίρτας Ε., Σέξτος Α., 2006, Ο Ρόλος της Θεμελίωσης και του Εδάφους στη Δυναμική Συμπεριφορά Κτιρίου, που Υπέστη Βλάβες κατά τον Σεισμό της 14/08/2003 στη Λευκάδα, Πρακτικά 5ου Πανελληνίου Συνεδρίου Γεωτεχνικής & Γεωπεριβαλλοντικής Μηχανικής, Ξάνθη, 31/5 – 2/6.

Χ. ΠΥΡΓΙΔΗΣ, Γ. ΓΙΑΝΝΟΠΟΥΛΟΣ, "Ένταξη του ελληνικού σιδηροδρομικού δικτύου στα διευρωπαϊκά δίκτυα και η ανάγκη εξασφάλισης λειτουργικότητας", Ημερίδα ΤΕΕ/ΤΚΜ, 22/09/06, Θεσσαλονίκη

Χ.ΠΥΡΓΙΔΗΣ ,Σ.ΜΠΑΝΤΗΣ, «Καταγραφή και ανάλυση της κατάστασης των σηράγγων του ελληνικού σιδηροδρομικού δικτύου »,Ανακοίνωση στο 3ο Διεθνές Συνέδριο «Έρευνα στις Μεταφορές» ,11-12/5/06, Θεσσαλονίκη ,Πρακτικά Συνεδρίου σελίδες 412-420

Χαλιμούρδας Σ., Λακάκης Κ., Σαββαΐδης Π., 2006, Παρακολούθηση της Γεωμετρικής Συμπεριφοράς του Καταστρώματος Γέφυρας με την χρήση τεχνολογίας GNSS, 2ο Πανελλήνιο Συνέδριο Αγρονόμων και Τοπογράφων Μηχανικών, Π.Σ.Α.Τ.Μ.Ε., Αθήνα.

Χριστοδουλιάς Ι., Χατζηγώγος Θ., Σταυριδάκης Ε., Τσότσος Σ., 2006, “Διογκούμενα Αργιλικά εδάφη: Συσχετισμός φυσικών χαρακτηριστικών με παραμέτρους δίογκωσης”. 5ο Πανελλήνιο Συνέδριο Γεωτεχνικής και Γεωπεριβαλλοντικής Μηχανικής, Ξάνθη 31/5-2/6/2006, Πρακτικά Συνεδρίου Τόμος 1, pp317-324.

Βιβλία

2001

D.E. Beskos, C.A. Brebbia, J.T. Katsikadelis and G.D. Manolis (Editors), Boundary Elements XXIII - Proceedings of the Twenty-Third International Conference on the Boundary Element Method, 496 pages, International Series on Advances in Boundary Elements Volume 10, WIT Press, Southampton, 2001.

G.D. Manolis and P.K. Koliopoulos, Stochastic Structural Dynamics in Earthquake Engineering, 274 pages, Advances in Earthquake Engineering Series Volume 8, WIT Press, Southampton, 2001.

Kappos, A.J. (editor), "Dynamic Loading and Design of Structures", SPON Press (Taylor & Francis Group), London, Oct. 2001.

Βιντζηλαίου Ε. – Δημοσθένους Μ. – Δρίτσος Σ. – Θεοδωράκης Σ. – Κρεμέζης Π. – Λεκίδης Β. – Σπανός Χ. – Στυλιανίδης Κ. – Χρονόπουλος Μ., 2001, "Συστάσεις για προσεισμικές και μετασεισμικές επεμβάσεις σε κτίρια"., Έκδοση Οργανισμού Αντισεισμικού Σχεδιασμού και Προστασίας, ΑΘΗΝΑ

Δερμίσσης Β., 2001, Εισαγωγή στη Μηχανική των Ποταμών, Υπηρ. Δημοσιευμάτων ΑΠΘ, σ.400

Κομνηνός, Ν., Κυργιαφίνη, Λ., και Σεφερτζή, Ε. (επιμ.) (2001) Τεχνολογίες Ανάπτυξης Καινοτομίας σε Περιφέρειες και Συμπλέγματα Παραγωγής, Αθήνα, Gutenberg.

Νανιόπουλος Α., 2001. Οδηγίες για τη σύνταξη και παρουσίαση σε κοινό επιστημονικών εργασιών, ΤΟΜΕΣΥΔΕΑΝ, 25.

Π.Γ. Παπαδόπουλος «Στατική των Κατασκευών», για τα μαθήματα, 2001, 1Τ3ο1. Αρχές Δομικής Μηχανικής, 2Τ3ο3. Στατική και Δυναμική των Κατασκευών του Τμήματος Αρχιτεκτόνων Α.Π.Θ.

Συστάσεις για προσεισμικές και μετασεισμικές επεμβάσεις σε κτίρια, Βιντζηλαίου Ε. –Δημοσθένους Μ. –Δρίτσος Σ. –Θεοδωράκης Σ. –Κρεμέζης Π. –Λεκίδης Β. –Σπανός Χ. –. Στυλιανίδης Κ –Χρονόπουλος Μ., Έκδοση Οργανισμού Αντισεισμικού Σχεδιασμού και Προστασίας, Αθήνα, 2001.

2002

Anagnostopoulos P. (Ed.), 2002, Flow-induced vibrations in engineering practice, WIT Press, Southampton, U.K., 388.

C.C.Baniotopoulos, 2002, Nonsmooth/Nonconvex Mechanics with Applications in Engineering, Ziti Editions, Thessaloniki, 483

Komninos, N. (2002) Intelligent Cities: Innovation, knowledge systems and digital spaces, London and New York, Spon Press.

Υφαντής Ι. και Σαββαΐδης Π., 2002, Σχεδίαση με τη βοήθεια Η/Υ - Το πρόγραμμα AutoCad, Διδακτικό βοήθημα, σελ. 80, Θεσσαλονίκη.

2003

C.C.Baniotopoulos, 2003, Connections in Metal Structures (in Greek), Ziti Editions, Thessaloniki, 190

Savvaidis, P., Ifadis, I., Doukas, I.D., and Lakakis, K.: Special issues on CAD drawing, Book, p. 100, Thessaloniki 2003 (in Greek).

ΓΕΦΥΡΕΣ ΤΟΥ ΠΟΤΑΜΟΥ ΠΟΡΤΑΙΚΟΥ ΣΤΗΝ ΠΥΛΗ ΤΡΙΚΑΛΩΝ
Καραβεζύρογλου Μ., Καραγιάννη Α., Σταυρακάκης Ε., Βαγγελάκος Α.,
Τιμητικό Τόμος στη μνήμη του καθηγητή του ΑΠΘ Μπαντέλλα Ανθ., Εκδοτικός
Οίκος Κυριακίδη, Θεσσαλονίκη 2003.

Δερμίσσης Β, 2003, Διαχείριση Φυσικών Κινδύνων (Συμπληρωματικές σημειώσεις), σ.46

Σαββαΐδης Π., Υφαντής Ι., Δούκας Ι. και Λακάκης Κ., 2003, Ειδικά Θέματα Αυτοματοποιημένης Σχεδίασης, Διδακτικό βοήθημα, σελ. 100, Θεσσαλονίκη.

Σαββαΐδης Π., Υφαντής Ι., Δούκας Ι. και Λακάκης Κ., 2003, Ειδικά Θέματα Αυτοματοποιημένης Σχεδίασης, Διδακτικό βοήθημα, σελ. 100, Θεσσαλονίκη.

2004

Ganoulis J., 2004, Engineering Risk Analysis of Water Pollution: Probabilities and Fuzzy Sets, Tsingua University Press, China, 225 (Chinese translation of the original book published by Wiley-VCH, Weinheim, New York, Basel, Cambridge, Tokyo, 306).

Νανιόπουλος Α, 2004. Οικονομική των Μεταφορών, Υπηρεσία Δημοσιευμάτων Α.Π.Θ, Θεσσαλονίκη, 185.

Υφαντής Ι. και Σαββαΐδης Π., 2004, GIS – AutoCad Map, Διδακτικό βιβλίο μεταπτυχιακού προγράμματος σπουδών, σελ. 150, Θεσσαλονίκη.

2005

C.A. Brebbia, D.E. Beskos, G.D. Manolis and C.C. Spyrakos (Editors), Earthquake Resistant Engineering Structures V - Proceedings of the Fifth World Conference on ERES, 819 pages, WIT Transactions on The Built Environment, Volume 81, WIT Press, Southampton, 2005.

G.D. Manolis and P.K. Koliopoulos, Stochastic Structural Dynamics, Volume 3 in the Series on Dynamic Analysis of Structures (in Greek), 267 pages, Hellenic Open University (EAP) Publication, Patras, Greece, 2005.

Kappos, A.J. (editor), "Proceedings of the 4th European Workshop on Seismic Behaviour of Irregular and Complex Structures (CD)", Aristotle University of Thessaloniki, Greece, Aug. 2005.

P.K. Koliopoulos and G.D. Manolis, A Structural Dynamics Primer with Applications in Earthquake Engineering (in Greek), 309 pages, V. Giurdas Publishers, Athens, Greece, 2005.

Αβραμίδης Ι., Αναστασιάδης Κ., Αθανατοπούλου Α., Μορφίδης Κ., 2005, Πρότυπα Αριθμητικά Παραδείγματα Ανάλυσης Κατασκευών, Αϊβάζη, Θεσσαλονίκη, 425.

Αβραμίδης Ι.Ε.- Αθανατοπούλου Α.Μ. - Αναστασιάδης Κ. – Μορφίδης Κ.Ε., 2005, Πρότυπα αριθμητικά παραδείγματα ανάλυσης κατασκευών (Για την ορθή εφαρμογή του ΕΑΚ και τον έλεγχο των προγραμμάτων Η/Υ), Εκδόσεις Αϊβάζη, Θεσσαλονίκη, 2005.

Κατσιφαράκης Κ.Λ., 2005, Διαχείριση ενεργειακών πόρων- Περιβαλλοντικές επιπτώσεις

2006

C.C.Baniotopoulos & T.Stathopoulos, 2006, Wind Effects on Buildings and Design of Wind-Sensitive Structures (in print)., Springer, Wien, New York

C.C.Baniotopoulos, 2006, Nonsmooth/Nonconvex Mechanics with Applications in Engineering Vol. II, Ziti Editions, Thessaloniki, 560

Λατινόπουλος, Π. και Ν. Θεοδοσίου, 2006, “Εκμετάλλευση και προστασία των υπόγειων υδατικών πόρων”, Διδακτικές σημειώσεις, Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης, σελίδες 80.

Νανιόπουλος Α., 2006. Συστήματα Μεταφοράς, Υπηρεσία Δημοσιευμάτων Α.Π.Θ, Θεσσαλονίκη, 240.

Άρθρα σε βιβλία

2001

Κομνηνός, Ν., Κυργιαφίνη, Λ., Σεφερτζή Ε. (2001) 'Τεχνολογίες ανάπτυξης καινοτομίας σε περιφέρειες και συμπλέγματα παραγωγής', Τεχνολογίες Ανάπτυξης Καινοτομίας σε Περιφέρειες και Συμπλέγματα Παραγωγής, Αθήνα, Gutenberg, 13-23.

Κομνηνός, Ν., Μπακούρος, Ι. (2001) 'Αξιολόγηση τεχνολογίας' Τεχνολογίες Ανάπτυξης Καινοτομίας σε Περιφέρειες και Συμπλέγματα Παραγωγής, Αθήνα, Gutenberg, 131-142.

2002

Anagnostopoulos P., 2002, Vibrations induced by vortex shedding, Flow-induced vibrations in engineering practice, Ed. Anagnostopoulos P., WIT Press, Southampton, U.K., 1-80.

2003

Αβραμίδης Ι.Ε., "Η παθολογία του όρου 'ακαμψία' και η ίαση του νοσήματος". Τιμητικός τόμος : 'Αφιέρωμα στη μνήμη του καθηγητή Άνθιμου Μπαντέλα', εκδ. Αφοι Κυριακίδη ΑΕ, ΙΣΒΝ 960-343-727-1, Θεσσαλονίκη 2003.

Bakouros, Y., Komninos, N., and Zygiaris, S. (2003) 'Innovating in Thessaly', Regional Innovation Strategy of Thessaly, Larissa, Regional Development Fund, 61-109.

Baniotopoulos, C.C., 2003, Welding + Aluminium Connections, DESIGN OF STRUCTURAL CONNECTIONS TO EUROCODE 9, F. Wald, 111-116

Doukas, I.D.: A Geographic Information System for the evaluation of damage of buildings after the 1978 Thessaloniki earthquake, Volume dedicated to the memory of Prof. Anthimos Badelas, Laboratory of Geodesy, Department of Civil Engineering, University of Thessaloniki, pp. 53-58, 2003 (in Greek).

Makrodimitropoulos A., C.D. Bisbos, C.D., 2003, Shakedown Analysis of Plane Stress Problems via SOCP, Numerical Methods for Limit and Shakedown Analysis, Eds. Heitzer M., Staat M., NIC-Series Vol. 15, J.v. Neumann Institute for Computing, Juelich, Germany, 185-216.

Savvaidis P., 2003, Existing Landslide Monitoring Systems and Techniques, "From Stars to Earth and Culture", Volume dedicated to the memory of Prof. A. Tsioumis, Ed. A. Dermanis, December, 242-258.

Αναστασιάδης Κ., Αβραμίδης Ι.Ε., "Σχεδιασμός με Βάση την Επίδοση. Πλήρης-Μερική Αντισεισμική Προστασία". Τιμητικός τόμος : 'Αφιέρωμα στη μνήμη του καθηγητή Άνθιμου Μπαντέλα', εκδ. Αφοι Κυριακίδη ΑΕ, ΙΣΒΝ 960-343-727-1, Θεσσαλονίκη 2003.

Λακάκης Κ., 2003, Galileo – Τεχνική Περιγραφή της Ευρωπαϊκής προσέγγισης στο θέμα της Δορυφορικής Πλοήγησης, τιμητικός τόμος αφιερωμένος στον καθηγητή Άνθιμο Μπαντέλα.

Π. Γ. Παπαδόπουλος, Ν. Χαραλαμπίδης. Προσεγγιστικός υπολογισμός θεμελιώδους και ανώτατης ιδιόμορφης ταλάντωσης. Αφιέρωμα στον Καθηγητή Α. Μπαντέλλα, Θεσσαλονίκη 2003, σελ. 381-390.

Σαββαΐδης Π. και Χαλιμούρδας Σ., 2003, Το πρόγραμμα Geo2 για την εκτέλεση βασικών τοπογραφικών υπολογισμών, Τόμος αφιερωμένος στη μνήμη του καθηγητή Άνθιμου Μπαντέλα, Αφοι Κυριακίδη, Θεσσαλονίκη, 169-182.

Σαββαΐδης Π., 2003, Παρακολούθηση της κίνησης οχημάτων με GPS – Το σύστημα VECON και το πρόγραμμα AutoCalc, Τόμος αφιερωμένος στη μνήμη του καθηγητή Άνθιμου Μπαντέλα, Αφοι Κυριακίδη, Θεσσαλονίκη, 95-110.

2004

D.G. Talaslidis and G.D. Manolis, Seismic Risk of Industrial Storage Tanks (with a Summary in Greek), contributed paper, A Volume in Memoriam of Professor Anthimos Bandelas, Edited by P. Savaidis, pp. 417-430, Kyriakidis Brothers Publishing House, Thessaloniki, 2004.

Ganoulis J., 2004, Integrated Risk Analysis for Sustainable Water Resources Management, Comparative Risk Assessment and Environmental Decision Making, Eds. Linkov I., Ramadan A.B., NATO Science Series Kluwer Academic, Dordrecht, Boston, London, 275-286.

Pitilakis, K., 2004, Site Effects, Recent Advances in Earthquake Geotechnical Engineering and Microzonation, Ed. A. Ansal, Springer Netherlands, 139-197.

Κομνηνός, Ν. (2004) 'Κέντρο και περιφέρεια στην ευρωπαϊκή κοινωνία της γνώσης' Παραδείγματα, 9η Διεθνής Έκθεση Αρχιτεκτονικής Μπιενάλε Βενετίας, 46-51.

Κομνηνός, Ν. (2004) 'Περιφέρειες αριστείας στην Ευρώπη: το νέο πρότυπο περιφερειακής ιεραρχίας και ανάπτυξης', Ζητήματα Χωρικής Ανάπτυξης, επιμ. Γ. Καυκαλάς, Αθήνα, Εκδόσεις Κριτική, 73-105.

2005

Zeris, A., Prinos, P., 2005, Coherent structures Analysis in Turbulent Open Channel Flow using Huang-Hilbert and Wavelets Transforms, Chapter 7, pp.141-158, "The Hilbert-Huang Transform in Engineering", Edited by N.E. Huang, Nii O. Attoh-Okine, CRC Press, Taylor and Francis Group, 2005

2006

Ganoulis J., 2006, Decision Support Modelling in Transboundary Water Resources Management: The Case of the Mesta/Nestos River, Proceedings

of the III International Symposium on Transboundary Waters Management, University of Castilla-La Mancha (in print).

Ganoulis J., 2006, Water Resources Management and Environmental Security in Mediterranean Transboundary River Basins, Environmental Security and Environmental Management: The Role of Risk Assessment, Eds. Morel B., Linkov I., Springer, 49-58.

Ganoulis J., Simpson L., 2006, Environmental Risk Assessment and Management: Promoting Security in the Middle East and the Mediterranean Region, Environmental Security and Environmental Management: The Role of Risk Assessment, Eds. Morel B., Linkov I., Springer, 245-254.

Komninos, N. (2006) 'Intelligent Cities, The Encyclopedia of Digital Government, by Ari-Veikko Anttiroiko and Matti Malkia (eds), London, Idea Group Reference, 1100-1104.

Komninos, N. (2006) 'Virtual Innovation Environment, The Encyclopedia of Digital Government, by Ari-Veikko Anttiroiko and Matti Malkia (eds), London, Idea Group Reference, 1601-1605.

Liolios A., Iosifidou C., Tsotsos S., Pitolakis K. and Yeroyianni M., 2006, A Numerical Approach to the Unilateral Contact Dynamic Problem of Soil-Pile Interaction, Entwicklungen in der Bodenmechanik, Bodendynamik und Geotechnik, Ed. F. Rackwitz, Springer Berlin Heidelberg, 153-159.

Pitolakis K., Alexoudi M., Argyroudou S., Anastasiadis A., 2006, Seismic Risk Scenarios for an Efficient Risk Management: The Case of Thessaloniki (Greece), Advances in Earthquake Engineering for Urban Risk Reduction, NATO Science Series, Ed. S.T. Wasti and G. Ozcebe, Springer Netherlands, 229-244.

Pitolakis K., Alexoudi M., Argyroudou S., Monge O. and Martin C., 2006, Vulnerability and Risk Assessment of Lifelines, Assessing and Managing Earthquake Risk: Geo-scientific and Engineering Knowledge for Earthquake Risk Mitigation: developments, tools, techniques, Ed. C. Oliveira, A. Roca and X. Goula, Springer Netherlands, 185-211.

Savvaidis P., 2006, Long-term geodetic monitoring of the seismic zone of Volvi, Greece: An overview (Savvaidis P.), in Geodynamics of the Balkan Peninsula, Reports on Geodesy, No. 5 (80), Poland.

Stavridakis I. E., 2006, Expansive soils: Recent advances in characterization and treatment; editors, Amer Ali Al-Rawas Dept. of Civ. and Architectural Engin. Sultan Qaboos Un., Oman και Mattheus F. A. Goosen-School of Science and Technology, Universidad del Turabo, Gurabo, Puerto Rico, USA; 25ο Κεφάλαιο "Assessment of anisotropic behaviour of swelling soils on ground and construction work" σελ.25 26ο Κεφάλαιο "Stabilization of problematic soils using cement and lime" σελ.25.

Zaidi M., Ganoulis J., 2006, Cooperative Networks for Environmental Risk Analysis Studies: The Case of the Middle East Region, Environmental Security and Environmental Management: The Role of Risk Assessment, Eds. Morel B., Linkov I., Springer, 315-320.

Συγγραφή κεφαλαίων: Chapter 1: J. Mysiak, E. Kolokytha, C. Giupponi “Introduction to TRANSCAT and to the WFD context” Chapter 9 : E. Eleftheriadou, E. Kolokytha, J.Horak, A. Marchese, J. Owsinski, G.Saio “The Transcat lesson on transboundary water management” στο βιβλίο με τίτλο: « Transcat Compedium, 2006, Supporting Decision Making in Transboundary Catchments , ISBN: 88-87304-08-4

Εκδοση πρακτικών συνεδρίων

2001

Brebbia C.A., Anagnostopoulos P., Katsifarakis K., A. Cheng H-D., Proceedings of International Conference "Water Resources Management", WIT Press, Sani-Greece, 24-26.09.2001.

Brebbia C.A., Anagnostopoulos P., Katsifarakis K., Cheng A. H.-D., Proceedings of first International Conference on Water Resources Management, WIT Press, Southampton, U.K., 396, Halkidiki, 24-26.09.01.

Σταυριδάκης Ι. Ε., 2001, Πρακτικά Ημερίδας «Βελτίωση εδάφους με χημικά πρόσθετα» Προστασία Περιβάλλοντος και Βιώσιμη Ανάπτυξη-Εργαστήριο Εδαφομηχανικής και Θεμελιώσεων σελ.130.

2002

Baniotopoulos, C.C., NONSMOOTH/NONCONVEX MECHANICS WITH APPLICATIONS IN ENGINEERING, Ziti Editions, Thessaloniki, 484, Thessaloniki, Greece, 5-6 July 2002

Kungolos A.G., Liakopoulos A.B., Korfiatis G.P., Katsifarakis K.L., Demetracopoulos A.C. Proceedings of International Conference "Protection and Restoration of the Environment VI", Skiathos-Greece, 1-5.07.2002.

Oikonomides G. and Dermissi N., " Effective Coastal Management and Economic Valuation – Analysis of Tourism Use of Coastal Resources as Main Tool of a Sustainable Tourism Strategy", Proc. 1st Scientific Conference of EFMS on "Oceanographical Aspects for a Sustainable Mediterranean", Athens, September 2002.

Τοκμακίδης Κ. και Σαββαΐδης Π., 2002, Συμβολή των ΓΣΠ στην ανάδειξη αρχαιολογικών χώρων, Πρακτικά Συνεδρίου "Κοινωνικές πρακτικές και χωρική πληροφορία - Ευρωπαϊκή και Ελληνική εμπειρία στα ΓΣΠ", Θεσσαλονίκη.

2003

Androulidaki M. and Savvaidis P., 2003, Organization, treatment and management of Education in the Urban Group of Thessaloniki, 13th meeting of Greek users ARC/INFO, Thessaloniki.

Ganoulis J., Prinos P., Proceedings of XXX IAHR Congress , THEME C vol.I: Inland Waters: Research, Engineering and Management , AUTH, Thessaloniki, Greece, 2003, p. 744.

Ganoulis J., Prinos P., Proceedings of XXX IAHR Congress , THEME C vol.II: Inland Waters: Research, Engineering and Management , AUTH, Thessaloniki, Greece, 2003, p.842.

Ganoulis J., Prinos P., Proceedings of XXX IAHR Congress , THEME D: Hydroinformatics and Advanced Data Technology in Engineering Practice, AUTH, Thessaloniki, Greece, 2003, p.1001.

Ganoulis J., Prinos P., Proceedings of XXX IAHR Congress, J.F. Kennedy Student Paper Competition, AUTH, Thessaloniki, Greece, 2003, p. 136.

Ganoulis J., Prinos P., Proceedings of XXX IAHR Congress, THEME A: Coastal Environment: Processes and Integrated Management, AUTH, Thessaloniki, Greece, 2003 p. 668.

Ganoulis J., Prinos P., Proceedings of XXX IAHR Congress, THEME B: Urban and Rural Water Systems for Sustainable Development , AUTH, Thessaloniki, Greece, 2003, p. 922.

Ganoulis J., Prinos P., Proceedings of XXX IAHR Congress, THEME E: Linkage between Education Research and Professional Development in Water Engineering, AUTH, Thessaloniki, Greece, 2003, p. 398.

Ganoulis J., Prinos, P., Proceedings of the XXX International Association for Hydraulic Engineering and Research (IAHR) Congress, Themes A-E, six volumes, Thessaloniki, 24-29.08.03

A. Νανιόπουλος , «Μεταφορές και Ανάπτυξη του Νομού Σερρών». 2ο Αναπτυξιακό συνέδριο Ν. Σερρών, Σέρρες Μάιος-Ιούνιος 2003, Τόμος πρακτικών.

A. Νανιόπουλος, «Η πρόκληση δημιουργίας μιας προσπελάσιμης «αλυσίδας μεταφοράς» για όλους», Διεθνής Ημερίδα: «Μετακίνηση – Προσβασιμότητα Ατόμων με Αναπηρίες, Σχεδιασμός για όλους», ΤΕΕ/ΤΚΜ, Ε.Σ.Τ./Α.Π.Θ., Μάιος 2003.

Μ. Ζουρνά, Β. Κονιόρδος, Δ. Ναλμπάντης, Α. Νανιόπουλος, Κ. Παπαδόπουλος, Γ. Παλάντζας, Γ. Τόσκας, «Ελεύθερες διαδρομές στη Θεσσαλονίκη», Διεθνής Ημερίδα, «Μετακίνηση – Προσβασιμότητα Ατόμων με Αναπηρίες, Σχεδιασμός για όλους», ΤΕΕ/ΤΚΜ, Ε.Σ.Τ./Α.Π.Θ., Μάιος 2003, Τόμος πρακτικών.

Σαββαΐδης Π., 2003, Διασυνοριακή προστασία του υδατικού συστήματος Αξιού/Βαρδάρη: Προτάσεις παρεμβάσεων μέσα από τη συνεργασία των ροταριανών ομίλων, Ημερίδα - εκδήλωση για την προστασία του υδατικού συστήματος Αξιού/ Βαρδάρη, Ροταριανοί όμιλοι Θεσσαλονίκης - Σκοπίων - Βέλες, Θεσσαλονίκη, 7 Ιουνίου 2003.

2004

Tika Th., Kallioglou P., Koninis G. & Pitilakis K., 2004, Dynamic stiffness and damping ratio of compacted soils. International Seminar on Geotechnics in PAVEMENT AND RAILWAY DESIGN AND CONSTRUCTION, ISSMGE-TC3, Athens, Vol.1, pp. 135-142.

Γ. Παλάντζας, Χ. Κουτίπας, Α. Νανιόπουλος, «Η εφαρμογή της Οδηγίας 2000/60/ΕΚ στους ελληνικούς λιμένες», 1ο Συμπόσιο του Συμβουλίου Περιβάλλοντος του Α.Π.Θ., 11-13/11/2004, Θεσσαλονίκη, Ελλάδα

2005

Komninos, N. (2005) 'Regional innovation in Europe' 2nd International Conference on the Process of Innovation and Learning in Dynamic City-Regions', Keynote paper, Bangalore 13-15 July, 10-33.

Kyratzis I. and Dermisi N., "Wastewater treatment in the vertical-flow constructed wetland of Madytos/Modi, Greece", Proc. 13th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, Thessaloniki-Greece, October 2005.

Oikonomides G. and Dermisi N., "Tourism quality enhancement and economic growth through coastal management", Proc. 13th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, Thessaloniki-Greece, October 2005.

Κομνηνός, Ν. (2005) 'Δέκα προτάσεις για την ενίσχυση της καινοτομίας στην Κ. Μακεδονία', Πρακτικά Αναπτυξιακού Συνεδρίου 'Στρατηγική Ανάπτυξης 2007-2013', Περιφέρεια Κ. Μακεδονίας, Θεσσαλονίκη 10-11 Ιουνίου, 7-20.

Παπαδημητρίου Ε., Κουσουλάκου Α., Σαββαΐδης Π., και Τοκμακίδης Κ., 2005, Γεωγραφικό Σύστημα Πληροφοριών για τη Διαχείριση Αρχαιολογικών Χώρων, 15η Συνάντηση Χρηστών ArcGIS ArcInfo – ArcView, Αθήνα, 9 –11 Νοεμβρίου.

2006

Baniotopoulos, C.C., SECOND INTERNATIONAL CONFERENCE ON NONSMOOTH/NONCONVEX MECHANICS WITH APPLICATIONS IN ENGINEERING, Ziti Editions, Thessaloniki, 552, Thessaloniki, Greece, 7-8 July 2006

Komninos, N. (2006) 'Developing trans-regional research and innovation' Conference Proceedings 'Regions of Economic Change', Keynote paper, European Union, Regional Policy, Brussels 12-13 June, 22-23.

Komninos, N. (2006) 'Knowledge networks and collaborative innovation' Conference Proceedings 'Baltic Dynamics 2006', Vilnius 24-26 May, 25-30.

Λακάκης Κ., Γεωργανόπουλος Χ., 2006, Ευρωπαϊκό Ερευνητικό Πρόγραμμα "OASYS – Integrated Optimization of Landslide Alert SYStems", πρακτικά ημερίδας Εγνατία Οδός Α.Ε. Καινοτόμες Δράσεις, Έρευνα και Σύγχρονα Συστήματα Διαχείρισης, Θεσσαλονίκη.

Σαββαΐδης Π., 2006, Πόλεις και φυσικές καταστροφές: πρόβλεψη και διαχείριση καταστροφών με έμφαση στους τρόπους διαχείρισης σεισμικών βλαβών στα κτίρια, Ημερίδα προγράμματος INTERREG [Ελλάδα – πΓΔΜ], Φλώρινα.

Τζιαβός Η., Σαββαΐδης Π., Κυρατζή Α. και Χρηστάρας Β., 2006, Geo-Impact: Θεματικό δίκτυο φυσικών κινδύνων & καταστροφών (Ημερίδα «Περιβάλλον και Φυσικές καταστροφές», 2480 Ροταριανή Περιφέρεια, Θεσσαλονίκη.

Άλλες δημοσιεύσεις

2001

A. Νανιόπουλος, «Εφαρμογή του Σχεδιασμού για Όλους σε τηλεματικές εφαρμογές δημοσίων και ιδιωτικών μέσων μεταφοράς», Παρουσίαση σε ημερίδα που οργανώθηκε από το ΤΕΕ/ΤΜΗΜΑ ΑΝΑΤΟΛΙΚΗΣ ΜΑΚΕΔΟΝΙΑΣ και του Συλλόγου Παραπληγικών Νομού Δράμας, Δράμα, Μάιος 2001.

Ganoulis J., 2001, Ranking Alternative Strategies of Agricultural Water Use in the Euro-Mediterranean Area, 2nd FEMISE Conference, Marseille, 29-30.03.01.

Κάππος, Α.Ι., “Σεισμική αποτίμηση των κατασκευών”, Κτίριο, No. 132, Μάρ. 2001, 29-36.

Makra, K., D. Raptakis & K. Pitilakis, 2001. “Complex Site effects in Euroseistest and potential applications in seismic norms.” Extended Abstract, 10th International Conference on Soil Dynamics and Earthquake Engineering (SDEE'2001), to be held at Drexel University, Philadelphia, USA, October 7-10, 2001.

Roskam, A.J., de Waard, D., Uneken, E., Brookhuis, K.A., Breker, S., Verwey, W., Naniopoulos, A., Bekiaris, E., “Graphical information provision to drivers; a simulator study in the EU project TRAVELGUIDE”, Human Factors & Ergonomics Society (HFES) Annual Conference of the Europe Chapter, November 2001, Turin.

Seitanis S., Anagnostopoulos P., Ganoulis J., 2001, A Computer Study of the In-line Oscillations of a Flexible Flow of Cylinders in Cross Flow, Proceedings of 3rd International FORTWIHR Conference, University of Erlangen, 12-14.03.01.

Sextos, A., Pitilakis, K. and Kappos A. “A global approach for dealing with spatial variability, site effects, soil-structure-interaction, and non-linearity in R/C bridges: a. Verification study”, 10th International Conference on Soil Dynamics and Earthquake Engineering (SDEE 2001), Philadelphia, Pennsylvania, USA, Oct. 2001.

Sextos, A., Pitilakis, K. and Kappos A. “A global approach for dealing with spatial variability, site effects, soil-structure-interaction, and non-linearity in R/C bridges: b. Parametric study”, 10th International Conference on Soil Dynamics and Earthquake Engineering (SDEE 2001), Philadelphia, Pennsylvania, USA, Oct. 2001.

Uneken, E., Brookhuis, K.A., Roskam, A.J., Naniopoulos, A., Bekiaris, E., “The European project TRAVELGUIDE (TRAVELler and traffic information systems: GUIDELines for the enhancement of integrated information provision services)”, Human Factors & Ergonomics Society (HFES) Annual Conference of the Europe Chapter, November 2001, Turin.

Αναστασιάδης Αγ., Πιπλάκης Κ, Αναστασιάδης Α., 2001, Πιλοτική διερεύνηση πολεοδομικών δεδομένων σε συνάρτηση με τη σεισμική απόκριση του εδάφους στο επιχειρησιακό – ιστορικό κέντρο της Θεσσαλονίκης, Πρακτικά Διεθνούς Συμποσίου «Επανασχεδιασμός υποβαθμισμένων και κατεστραμμένων περιοχών της Ευρώπης», 225-241, 3-5 Σεπτ.

Αναστασιάδης Κ., Αβραμίδης Ι.Ε., "Σχεδιασμός με Βάση την Επίδοση. Πλήρης-Μερική Αντισεισμική Προστασία". Δελτίο Συλλόγου Πολ. Μηχ. Ελλάδας, τευχ. 287(Ιούν.-Ιούλ.), 26-30, και 288 (Αύγ.), 30-31, 2001.

Ζυγομαλάς Μ., 2001, Μελέτη & κατασκευή διαφανούς περιβλήματος στον Γολγοθά στην Ιερουσαλήμ., ΕΡΓΟΤΑΞΙΑΚΑ ΘΕΜΑΤΑ

Ζυγομαλάς Μ., 2001, Μελέτη ΚΑΙ κατασκευή διαφανούς γυάλινου περιβλήματος στον Γολγοθά στην Ιερουσαλήμ., Ο ΚΟΣΜΟΣ ΤΟΥ ΓΥΑΛΙΟΥ

Σαββαΐδης Π., 2001, Η ιστορική εξέλιξη της Πανεπιστημιούπολης, Ημερίδα "Μιλούμε για την Πανεπιστημιούπολη", Φοιτητική Εβδομάδα, Θεσσαλονίκη.

Σταυριδάκης Ι. Ε., 2001, "Διάβρωση σταθεροποιημένων εδαφών με τσιμέντο" Πρακτικά Ημερίδας «Βελτίωση Εδάφους με χημικά Πρόσθετα». Προστασία Περιβάλλοντος και Βιώσιμη Ανάπτυξη-Εργαστήριο Εδαφομηχανικής και Θεμελιώσεων pp.104-127.

Tika Th. & Kallioglou P., 2001, Resonant-column tests on Toyoura sand - International Round-Robin Tests. International Society of Soil Mechanics & Geotechnical Engineering , TC-29.

2002

Diagourtas D., Manakou M., Makropoulos K., Pitilakis K., Raptakis D., Makra K., Bernard P., Lyon-Caen H., Lemeille F. and C. Berge, 2002. "The CORinth Soft Soil Array (CORSSA)." 2nd Symposium in Geophysics and Seismology, October 31st - November 2nd, 2002, Athens, Greece.

Diagourtas D., Manakou M., Makropoulos K., Pitilakis K., Raptakis D., Makra K., Bernard P., Lyon-Caen H., Lemeille F., Berge C., 2002, The Aigion Soft Soil Array, Proceedings of the XXVIII Assembly of the European Seismological Commission, Genoa – Italy, Sept. 1-6.

Diagourtas D., Manakou M., Makropoulos K., Pitilakis K., Raptakis D., Makra K., Bernard P., Lyon-Caen H., Lemeille F., Berge C., 2002. "The Aigion Soft Soil Array", XXVIII Assembly of the European Seismological Commission, Genova, September 2002 (POSTER).

Diagourtas, D., M. Manakou, K. Makropoulos, K. Pitilakis, D. Raptakis, K. Makra, P. Bernard, H. Lyon-Caen, F. Lemeille & C. Berge, 2002. "CORSSA and RASMON accelerometric arrays", Proc. Corinth Rift Laboratory (CRL) 2nd Aegion Workshop, June 3-7, Aegio, Greece.

G.D. Manolis, Biographical Profile, International Handbook of Earthquake and Engineering Seismology, Edited by W.H.K. Lee, H. Kanamori, P.C. Jennings and C. Kisslinger, Volume 2, Appendix 2: Index of Biographical Sketches, Academic Press, New York, 2002.

Kudo, K., Kanno, T., Sasatani, T., Morikawa, N., Apostolidis, P., Pitilakis, K., Raptakis, D., Takahashi, M., Ling, S., Nagumo, H., Irikura, K., Higashi, S., Yoshida, K., 2002. S-wave velocity structure at EURO-SEISTEST, Volvi, Greece determined by the spatial auto-correlation method applied for array records of microtremors. Proceedings of the Mini-Symposium on Site Effects Evaluation for Strong Motion Prediction. Tokyo, Japan.

Αλεξούδη Μ., Δήμου Δ., Πιπιλάκης Κ., Χατζηγώγος Θ., 2002, Συμβολή στον αντισεισμικό σχεδιασμό αγωγών: Προκαταρκτική εκτίμηση της αστοχίας υπόγειων αγωγών στο δίκτυο ύδρευσης της Θεσσαλονίκης, Πρακτικά Ευρωπαϊκής Επιστημονικής Εκδήλωσης με θέμα «Κοινωνικές Πρακτικές και Χωρική Πληροφορία: Ευρωπαϊκή & Ελληνική Εμπειρία στα Γ.Σ.Π.», Θεσ/νίκη.

Αναστασιάδης Κ., Αβραμίδης Ι.Ε., Μορφίδης Κ., "Πλήρης και Μερική Αντισεισμική Προστασία Κτιρίων". Δελτίο Συλλόγου Πολ. Μηχ. Ελλάδας, τεύχ. 297, Μάιος-Ιούνιος 2002, σελ. 16-22.

Εφαρμογές του προσεισμικού ελέγχου σε κατασκευές της Θεσσαλονίκης, Στυλιανίδης Κ., Πρακτικά Ημερίδας "Σεισμική Διακινδύνευση των Κατασκευών", ΤΕΕ/Τμήματα Ανατ. Μακεδονίας και Θράκης – ΟΑΣΠ – Δημοκρίτειο Πανεπιστήμιο Θράκης, Καβάλα, 2002.

Πάτμιος Ε., Λαζαρίδου Μ., 2003. Βασικό Περίγραμμα της Φωτογραμμετρίας. Αναφορά σε Θέματα Ψηφιακής Φωτογραμμετρίας. Τόμος: Αφιέρωμα στη μνήμη του Καθηγητή Άνθιμου Μπαντέλλα , σελ. 79-84, Εκδόσεις Αφοι Κυριακίδη, Θεσσαλονίκη.

Πιλοτικό πρόγραμμα προσεισμικού ελέγχου κτιρίων σχολείων και νοσοκομείων Περιφέρειας Κεντρικής Μακεδονίας – Α΄ Φάση: Οργανωτικό σχήμα εκτέλεσης. Πρόοδος του πιλοτικού προγράμματος, Στυλιανίδης Κ., Πρακτικά Ημερίδας "Ο προσεισμικός έλεγχος των κατασκευών ως έκφραση μιας νέας αντισεισμικής πολιτικής", Περιφέρεια Κεντρικής Μακεδονίας, Θεσσαλονίκη, 2002.

Σαββαΐδης Π., 2002, Πανεπιστημιούπολη Θεσσαλονίκης, Δελτίο Ροταριανού Ομίλου Θεσσαλονίκης, Μάρτιος.

ΣΤΥΛΙΑΝΙΔΗΣ Κ., 2002, "Εφαρμογές του προσεισμικού ελέγχου σε κατασκευές της Θεσσαλονίκης"., Πρακτικά Ημερίδας "Σεισμική Διακινδύνευση των Κατασκευών", ΤΕΕ/Τμήματα Ανατ. Μακεδονίας και Θράκης – ΟΑΣΠ – Δημοκρίτειο Πανεπιστήμιο Θράκης, Καβάλα, 2002.

ΣΤΥΛΙΑΝΙΔΗΣ Κ., 2002, "Πιλοτικό πρόγραμμα προσεισμικού ελέγχου κτιρίων σχολείων και νοσοκομείων Περιφέρειας Κεντρικής Μακεδονίας – Α΄ Φάση:

Φιλοσοφία και στόχοι, οργάνωση, μεθοδολογία και πρόοδος εργασιών", Τεχνογράφημα Τεύχος 225, Αύγουστος 2002.

ΣΤΥΛΙΑΝΙΔΗΣ Κ., 2002, "Πιλοτικό πρόγραμμα προσεισμικού ελέγχου κτιρίων σχολείων και νοσοκομείων Περιφέρειας Κεντρικής Μακεδονίας – Α΄ Φάση: Οργανωτικό σχήμα εκτέλεσης. Πρόοδος του πιλοτικού προγράμματος", Πρακτικά Ημερίδας "Ο προσεισμικός έλεγχος των κατασκευών ως έκφραση μιας νέας αντισεισμικής πολιτικής", Περιφέρεια Κεντρικής Μακεδονίας, Θεσσαλονίκη, 2002.

ΤΣΩΝΟΥ, Α.Γ., ΣΤΥΛΙΑΝΙΔΗ, Κ., "Επί τόπου εκτίμηση Μηχανικών Χαρακτηριστικών Υλικών και Δομικών Στοιχείων Υφιστάμενων Κατασκευών", Σημειώσεις για την ενότητα 9 του Μεταπτυχιακού Μαθήματος του Α.Σ.Τ.Ε. "Πειραματική Σεισμική Μηχανική", Θεσσαλονίκη 2002, 31 σελ.

2003

‘Anrupa sarftnamesine (Eurocode 8) gore yapi tasarimi’ Athanasiadou, H., Μετάφραση των προηγούμενων σημειώσεων στην Τουρκική στα πλαίσια του προγράμματος ‘Marmara earthquake rehabilitation programme’ (2003)

Baniotopoulos, C.C, 2003, Biographical Sketch of Professor Panagiotopoulos, APPLICABLE ANALYSIS 82 (6), 499-502

G.D. Manolis, P.S. Dineva and T.V. Rangelov, Seismic Wave Propagation in a Cracked Multi-layered Geological Region, Final Report to the NATO Scientific and Environmental Affairs Division, 127 pages, NATO Collaborative Linkage Grant No. SA/EST.CLG.977774, Brussels, Belgium, 2003.

Katsifarakis K.L., Aravantinos D., 2003, Integration of courses on renewable energy sources in a Civil Engineering curriculum, OPEM 2003, Sozopol, Bulgaria.

Kazuyoshi Kudo, Tatsuo Kanno, Hiroshi Okada, Tsutomu Sasatani, Pashalis Apostolidis, Dimitrios Raptakis, 2003. S-wave velocity structure at EURO-SEISTEST, VOLVI, GREECE determined by array observation of microtremors (Invited Lecture, IUGG2003, 0915 SS04/07A/A03-001) XXIII General Assembly of the International Union of Geodesy and Geophysics. June 30 – July 11, 2003, Sapporo, Japan.

Savvaidis P., 2003, Maps on stamps: A selection from Greece and Cyprus, The New Cartophilatelist, No. 2, pp. 2-3, July.

Α. Νανιόπουλος (επιμέλεια), «Μετακίνηση – Προσβασιμότητα Ατόμων με Ειδικές Αναπηρίες, Σχεδιασμός για όλους», Επιμέλεια τόμου πρακτικών διεθνούς ημερίδας, Θεσσαλονίκη, Μάιος 2003.

Αβραμίδης Ι.Ε., "Αρχιτέκτονες: Εχθροί ή φίλοι του Αντισεισμικού Σχεδιασμού των Κατασκευών; ". Ενημερωτικό Δελτίο του ΤΕΕ, 7 Απριλίου 2003, τευχ. 2242, σελ. 72-73

Αβραμίδης Ι.Ε., "Λογισμικό ανάλυσης-διαστασιολόγησης κτιριακών έργων - Εξέλιξη, έλεγχος, προοπτικές". Δελτίο ΣΠΜΕ, Απρ. 2003, Νο.306, σελ. 42-48.

Αβραμίδης Ι.Ε., "Σχετικά με την επιλογή του επιπέδου αντισεισμικής επίδοσης των κατασκευών". Εισήγηση στα Πρακτικά Διημερίδας "Σεμινάριο Αντισεισμικής", Ιωάννινα, 18-19 Δεκ. 2003.

Αναστασιάδης Α., Πιπιλάκης Κ., 2003, Σύνθεση γεωτεχνικών – γεωλογικών στοιχείων – Γεωτεχνικός χάρτης, Μικροζωνική Μελέτη Θεσσαλονίκης – Α' φάση, Ημερίδα 14 Απρ.

Απέσσου Μ., Αναστασιάδης Α., Πιπιλάκης Κ., 2003, Μελέτη σεισμικής απόκρισης εδαφικών σχηματισμών: Ενδεικτικά αποτελέσματα 1D θεωρητικών αναλύσεων. Μικροζωνική Μελέτη Θεσσαλονίκης – Α' φάση. Ημερίδα 14 Απρ.

Γ. Χατζηγεωργίου και Ν. Χαραλαμπάκης, Θερμομαλακτοποίηση μεταλλικών κατασκευών. Αριθμητική μελέτη με την εφαρμογή του προγράμματος ADINA, Επιστημονική Εκδοση «Κτίριο», Α-Β, σελ.77-86, 2003.

Κάππος, Α.Ι., " Αποτίμηση τρωτότητας κτιρίων της πλειόσειστης περιοχής του σεισμού της Αθήνας", Πρακτ. Ημερίδας "Προσεισμικός έλεγχος και επεμβάσεις σε υφιστάμενα κτίρια" (Σύλλ. Πολιτ. Μηχανικών Κύπρου, Λευκωσία, Ιαν. 2003), 22 σελ.

Κάππος, Α.Ι., "Ο Ελληνικός Κανονισμός Επεμβάσεων (ΚΑΝΕΠΕ), Πρακτ. Ημερίδας "Προσεισμικός έλεγχος και επεμβάσεις σε υφιστάμενα κτίρια" (Σύλλ. Πολιτ. Μηχανικών Κύπρου, Λευκωσία, Ιαν. 2003), 12 σελ.

Λακάκης Κ., 2003, Τεχνική Οδηγία Εργασιών για την "Γεωδαιτική – Τοπογραφική Παρακολούθηση Συγκλίσεων στις Σήραγγες" της «Εγνατία Οδός Α.Ε.».

Π. Παπαδόπουλος και Ν. Χαραλαμπάκης, Προσεγγιστικός υπολογισμός θεμελιώδους και ανώτατης ιδιομορφής ταλάντωσης, Τόμος στη μνήμη Α. Μπαντέλλα, Εκδ. Κυριακίδη, σελ. 381-390, 2003.

Πιλοτικό Πρόγραμμα Προσεισμικού Ελέγχου Κτιρίων της Περιφέρειας Κεντρικής Μακεδονίας, Στυλιανίδης Κ., Πρακτικά Ημερίδας "Προσεισμικός Έλεγχος και Επεμβάσεις σε Υφιστάμενα Κτίρια", Σύλλογος Πολιτικών Μηχανικών Κύπρου, Λευκωσία, 2003.

Σαββαΐδης Π., 2003, Η αλήθεια των χαρτών, Δελτίο Ροταριανού Ομίλου Θεσσαλονίκης, Νοέμβριος.

Σταυριδάκης. Ι. Ευάγγελος, 2003, "Επιλογή του ποσοστού και παράγοντες που επηρεάζουν τη σταθεροποίηση του Τιμητικός Τόμος «Αφιέρωμα στη μνήμη του καθηγητή Μπαντέλλα», pp403-416. τιμέντου
εδάφους"
Άνθιμου

Σταυριδάκης. Ι. Ευάγγελος, 2003, "Μέθοδοι βελτίωσης και ενίσχυσης εδαφών" Τιμητικός Τόμος «Αφιέρωμα στη μνήμη του καθηγητή

Αλέξανδρου Τσιούμη». Από τα άστρα στη γη και τον πολιτισμό, pp61-67.

ΣΤΥΛΙΑΝΙΔΗΣ Κ., 2003, "Κανονισμός Επεμβάσεων σε Υφιστάμενες Κατασκευές – Βασικές Αρχές"., Πρακτικά Δημερίδας "Σεισμική Διακινδύνευση των Κατασκευών", ΤΕΕ – Τμήματα Μαγνησίας, Κεντρικής και Δυτικής Θεσσαλίας, Ανατολικής Στερεάς Ελλάδος, ΟΑΣΠ, Πανεπιστήμιο Θεσσαλίας, Βόλος, 2003. Πρακτικά Δημερίδας "Σεμινάριο Αντισεισμικής", ΤΕΕ – Τμήμα Ηπείρου, Ιωάννινα, 2003.

ΣΤΥΛΙΑΝΙΔΗΣ Κ., 2003, "Πιλοτικό Πρόγραμμα Προσεισμικού Ελέγχου Κτιρίων της Περιφέρειας Κεντρικής Μακεδονίας"., Πρακτικά Ημερίδας "Προσεισμικός Έλεγχος και Επεμβάσεις σε Υφιστάμενα Κτίρια", Σύλλογος Πολιτικών Μηχανικών Κύπρου, Λευκωσία, 2003.

Σχεδιασμός κτιρίων σύμφωνα με τον Ευρωκώδικα 8'. Αθανασιάδου, Χ., Διδακτικές σημειώσεις (2003)

2004

G.D. Manolis, D.G. Talaslidis, G.C. Manos and T. Valiasis, Plates and Discs: Analytical and Approximate Methods of Solution, Lecture Notes (in Greek), 210 pages, Aristotle University Publication Service and Aivazis Publishers, Thessaloniki, 2004. Available in PDF format at the Aristotle University's Civil Engineering department local website \\daidalos\progs\epifaneiakoi_foreis_I

Ganouliis J. et al., (Eds.), 2004, Inventory of Internationally Shared Aquifers in the Balkans: Characteristics and State of Policies, UNESCO-IHP, INWEB, UNESCO ISARM Consultative Workshop, Thessaloniki, 21-23.10.04 (draft).

Ganouliis J. et al., (Eds.), 2004, Inventory of Internationally Shared Surface Water Bodies in the Balkan Region: Characteristics and State of Policies, UNESCO-ROSTE, INWEB, Zinke Environmental Consulting, UNESCO Workshop, Thessaloniki, 18-20.10.04 (draft).

Κάππος, Α.Ι., "Ο ρόλος των τοιχοπληρώσεων: Μύθοι και πραγματικότητα", Κτίριο, No. 166, Νοέμ. 2004, σελ. 43-48.

Manakou M., Raptakis D., Chavez-Garcia F., Makra K., Apostolidis P. & Pitilakis K., 2004. "Construction of the 3D geological structure of Mygdonian basin (N. Greece)", 5th International Symposium on Eastern Mediterranean Geology, Thessaloniki, Greece, 14-20 April 2004, Ref. S6 -15.

Tika Th., Kallioglou P., Koninis G. and Pitilakis K., 2004, Dynamic stiffness and damping ratio of compacted soils, International Seminar on Geotechnics in Pavement and Railway Design and Construction, Athens, 16-17.

Ε. ΚΟΛΟΚΥΘΑ (2004), Κοινωνικές & οικονομικές παράμετροι που επηρεάζουν τη ζήτηση του νερού στον οικιακό τομέα. Εφαρμογή και αποτελέσματα στη Θεσσαλονίκη. Προβλήματα και προοπτικές εξοικονόμησης νερού, Υδροοικονομία, Σεπτ. 2004, Τεύχος 25, σελ. 50-54

Κανονισμός Επεμβάσεων σε Υφιστάμενες Κατασκευές – Βασικές Αρχές, Στυλιανίδης Κ., Πρακτικά Δημερίδας "Σεισμική Διακινδύνευση των Κατασκευών", ΤΕΕ – Τμήματα Μαγνησίας, Κεντρικής και Δυτικής Θεσσαλίας, Ανατολικής Στερεάς Ελλάδος, ΟΑΣΠ, Πανεπιστήμιο Θεσσαλίας, Βόλος, 2003, Πρακτικά Δημερίδας "Σεμινάριο Αντισεισμικής", ΤΕΕ – Τμήμα Ηπείρου, Ιωάννινα, 2003, Διάλεξη στο Ινστιτούτο Τεχνικής Σεισμολογίας και Αντισεισμικών Κατασκευών, Θεσσαλονίκη, 2004, Πρακτικά Ημερίδας "Κανονισμός Επεμβάσεων Υφισταμένων Κτιρίων", Οργανισμός Αντισεισμικού Σχεδιασμού και Προστασίας - Υπηρεσία Αποκατάστασης Σεισμοπλήκτων, Αθήνα, 2004.

Λακάκης Κ., 2004, Τεχνικές Προδιαγραφές Γεωδαιτικών-Τοπογραφικών Μελετών της «Εγνατία Οδός Α.Ε.». Μονογραφία (σελίδες 61).

Πιτσιάβα Μ. (Συντονιστής), Μίντσης Γ., Παπαϊωάννου Π., Τόσκας Ι., Παπασικονόμου Μ., Λακάκης Κ., Ζαχαράκη Ε., 2004., Τελική Αναφορά της Θεματικής Περιοχής της Ομάδας Εργασίας «Μεταφορές» στα πλαίσια του προγράμματος Τεχνολογική Προοπτική Διερεύνηση, στην Κεντρική Μακεδονία.

Προτάσεις, σχόλια και παρατηρήσεις επί του κειμένου οδηγιών "Recommendations for the analysis, conservation and structural restoration of architectural heritage" της International Scientific Committee for Analysis and Restoration of Structures of Architectural Heritage του ICOMOS". "Necessity and contents of a Regulatory Document on aseismic design of structural interventions in monuments, comments and discussion, 2nd Round Table" Στυλιανίδης Κ., Πρακτικά της διεθνούς συνάντησης για τον αντισεισμικό σχεδιασμό των δομητικών επεμβάσεων σε μνημεία, Υπουργείο Πολιτισμού, Διεύθυνση Τεχνικών Μελετών Αναστήλωσης, Διεθνής Επιστημονική Επιτροπή ISCARSAH-ICOMOS, Αθήνα, 2004.

ΣΤΥΛΙΑΝΙΔΗΣ Κ., 2004, "Κανονισμός Επεμβάσεων σε Υφιστάμενες Κατασκευές – Βασικές Αρχές"., Διάλεξη στο Ινστιτούτο Τεχνικής Σεισμολογίας και Αντισεισμικών Κατασκευών, Θεσσαλονίκη, 2004. Πρακτικά Ημερίδας "Κανονισμός Επεμβάσεων Υφισταμένων Κτιρίων", Οργανισμός Αντισεισμικού Σχεδιασμού και Προστασίας - Υπηρεσία Αποκατάστασης Σεισμοπλήκτων, Αθήνα, 2004.

ΣΤΥΛΙΑΝΙΔΗΣ Κ., 2004, "Προτάσεις, σχόλια και παρατηρήσεις επί του κειμένου οδηγιών "Recommendations for the analysis, conservation and structural restoration of architectural heritage" της International Scientific Committee for Analysis and Restoration of Structures of Architectural Heritage του ICOMOS". "Necessity and contents of a Regulatory Document on aseismic design of structural interventions in monuments, comments and discussion, 2nd Round Table", Πρακτικά της διεθνούς συνάντησης για τον αντισεισμικό σχεδιασμό των δομητικών επεμβάσεων σε μνημεία, Υπουργείο Πολιτισμού, Διεύθυνση Τεχνικών Μελετών Αναστήλωσης, Διεθνής Επιστημονική Επιτροπή ISCARSAH-ICOMOS, Αθήνα, 2004.

ΣΤΥΛΙΑΝΙΔΗΣ Κ., 2004, "Συμπεριφορά τοιχοποιίας υπό κατακόρυφα και σεισμικά φορτία. Σύγκριση μονόστρωτης και κοίλης τοιχοποιίας"., Πρακτικά

Ημερίδας "Σεισμική και θερμική συμπεριφορά μονόστρωτης τοιχοποιίας", Σύλλογος Πολιτικών Μηχανικών Θεσσαλονίκης – Σύλλογος Μηχανολόγων Ηλεκτρολόγων Βορείου Ελλάδος – Σύνδεσμος Ελληνικών Βιομηχανιών Κεραμοποιίας, Θεσσαλονίκη, 2004.

Συμπεριφορά τοιχοποιίας υπό κατακόρυφα και σεισμικά φορτία. Σύγκριση μονόστρωτης και κοίλης τοιχοποιίας, Στυλιανίδης Κ., Πρακτικά Ημερίδας "Σεισμική και θερμική συμπεριφορά μονόστρωτης τοιχοποιίας", Σύλλογος Πολιτικών Μηχανικών Θεσσαλονίκης – Σύλλογος Μηχανολόγων Ηλεκτρολόγων Βορείου Ελλάδος – Σύνδεσμος Ελληνικών Βιομηχανιών Κεραμοποιίας, Θεσσαλονίκη, 2004.

2005

G.D. Manolis, Topics on Mathematical Simulations in Civil Engineering: The Boundary Element Method, Lecture Notes (in Greek with an English synopsis), 49 pages, Aristotle University Publication Service, Thessaloniki, 2005.

ΖΗΤΗΜΑΤΑ ΠΑΘΟΛΟΓΙΑΣ ΚΑΙ ΑΝΑΛΥΣΗΣ ΙΣΤΟΡΙΚΩΝ ΚΤΙΡΙΩΝ ΣΤΗ ΘΕΣΣΑΛΙΑ Βαγγελάκος Α., Καραβεζύρογλου Μ., Περιοδικό: Έργα και Ημέρες, Έκδοση Συλλόγου Πολιτικών Μηχανικών Θεσσαλονίκης, Τεύχος Νο 10, Α Τρίμηνο, 2005, Θεσσαλονίκη 2005

Ν. Δερμίσση, ., «Σχεδιασμός και Κατασκευή Εγκαταστάσεων Επεξεργασίας Νερού», Σημειώσεις για το αντίστοιχο μάθημα του 9ου Εξαμήνου του Τμήματος Πολιτικών Μηχανικών, σελ. 141, Θεσσαλονίκη, Σεπτέμβριος 2005.

ΣΤΥΛΙΑΝΙΔΗΣ Κ., 2005, "Πρόγραμμα προσεισμικού ελέγχου σχολικών κτιρίων. Αντικείμενο και στόχοι", Πρακτικά Ημερίδας "Προσεισμικός Έλεγχος Σχολικών Κτιρίων", Οργανισμός Σχολικών Κτιρίων Α.Ε., Αθήνα, 2005.

ΤΣΩΝΟΥ, Α.Γ., "Αποτύπωση Φέροντος Οργανισμού και Μέθοδοι Εκτίμησης Αντοχής Υλικών", Διδακτικές Σημειώσεις οι οποίες δόθηκαν σ' αυτούς που παρακολούθησαν τα Σεμινάρια του Τ.Ε.Ε./Τ.Κ.Μ. "Προσεισμικές και Μετασεισμικές Επεμβάσεις Επισκευής και Ενίσχυσης Κτιρίων από Οπλισμένο Σκυρόδεμα" που πραγματοποιήθηκαν την Άνοιξη του 2005 στη Θεσσαλονίκη, τη Βέροια και την Έδεσσα (CD-Rom Σεμιναρίων), 36 σελ.

ΤΣΩΝΟΥ, Α.Γ., "Παθολογία Κατασκευών από Οπλισμένο Σκυρόδεμα εξαιτίας Σεισμικών Δράσεων", Διδακτικές Σημειώσεις οι οποίες δόθηκαν σ' αυτούς που παρακολούθησαν τα Σεμινάρια του Τ.Ε.Ε./Τ.Κ.Μ. "Προσεισμικές και Μετασεισμικές Επεμβάσεις Επισκευής και Ενίσχυσης Κτιρίων από Οπλισμένο Σκυρόδεμα" που πραγματοποιήθηκαν την Άνοιξη του 2005 στη Θεσσαλονίκη, τη Βέροια και την Έδεσσα (CD-Rom Σεμιναρίων), 28 σελ.

2006

Alexoudi M., Kakderi K., Pitilakis K., 2006, Fragility curves for buried pipelines, Poster in 1st European Conference on Earthquake Engineering and Seismology, 3-8 September, Geneva, Switzerland.

Baniotopoulos, C.C., 2006, The role of aluminium in the development of metal structures, ALUMINIUM, Jan-Febr. 2006, 118-120

Bourgogne P., Guth, M., Pelayo, E., Halvorsen, K., Komninos, N. Oswaldo, A. (2006) Strategic Intelligence and Innovative Clusters, Regional Council of Lorraine, Interreg IIC, 58.

G.D. Manolis, P.S. Dineva and T.V. Rangelov, Seismic Wave Response of Cracked Inhomogeneous Geological Deposits, Final Report to the NATO Scientific and Environmental Affairs Division, 119 pages, NATO Collaborative Linkage Grant No. SA/EST.CLG.980303, Brussels, Belgium, 2006.

Kakderi K., Alexoudi M., Pitilakis K., 2006, An economic approach to lifelines interdependencies for seismic risk analysis – Thessaloniki's port, Poster in 1st European Conference on Earthquake Engineering and Seismology, 3-8 September, Geneva, Switzerland.

Ktenidou Olga-Joan, Pitilakis Kyriazis, Raptakis Dimitrios, Apostolidis Paschalis, Makropoulos Konstantinos, Diagourtas Dimitrios, 2006. "Experimental and numerical study: Effects of surface – subsurface topography on strong ground motion", First European Conference on Earthquake Engineering and Seismology, Geneva, Switzerland, 3-8 September 2006, ID 1163, CS5-II (Oral).

Lurcovich, L., Komninos, N. Reid, A., Heydebreck, P. Pierrakis, Y. (2006) Blueprint for Regional Innovation Benchmarking, European Commission, Mutual Learning Platform, 37.

Manou Dimitra, Raptakis Dimitrios, Pitilakis Kyriazis, 2006. "Elastic displacement response spectra", First European Conference on Earthquake Engineering and Seismology, Geneva, Switzerland, 3-8 September 2006, ID 1252, ES 4 (Poster).

ΑΠΟΚΑΤΑΣΤΑΣΗ ΛΙΘΙΝΩΝ ΓΕΦΥΡΩΝ Καραβεζύρογλου – Βέμπερ Μ., Σεμινάριο: Ανάλυση συμπεριφοράς και σχεδιασμός επεμβάσεων φέροντος οργανισμού ιστορικών κτιρίων, Διατμητικό Πρόγραμμα Μεταπτυχιακών Σπουδών «Προστασία, Συντήρηση και Αποκατάσταση Μνημείων Πολιτισμού» Πολυτεχνικής Σχολής ΑΠΘ, Θεσσαλονίκη 2006

Αριστοτέλης Νανιόπουλος, Γεώργιος Γκοτζαμάνης, «Το μέλλον της Ελληνικής Εμπορικής Ναυτιλίας, διατήρηση της πρωτιάς και αξιοποίησή της», ΕΦΟΠΛΙΣΤΗΣ, Τεύχος 157, Μάιος 2006.

Γεώργιος Γκοτζαμάνης, Αριστοτέλης Νανιόπουλος, «Η Ναυτική εκπαίδευση στον 21ο αιώνα, τάσεις και προβληματισμοί», ΝΑΥΤΙΚΑ ΧΡΟΝΙΚΑ, Τεύχος 94, 11/2006.

Δουδούμης Ι.Ν. "Σύγχρονες δυνατότητες ανάλυσης της μηχανικής συμπεριφοράς του φέροντος οργανισμού. – Εφαρμογές σε ιστορικά κτίρια", Πρακτικά (CD) Σεμιναρίου: "Ανάλυση Συμπεριφοράς και Σχεδιασμός Επεμβάσεων Φέροντος Οργανισμού Ιστορικών Κατασκευών", στα πλαίσια

του Διατμηματικού Μεταπτυχιακού Προγράμματος «ΠΡΟΣΤΑΣΙΑ ΣΥΝΤΗΡΗΣΗ ΚΑΙ ΑΠΟΚΑΤΑΣΤΑΣΗ ΜΝΗΜΕΙΩΝ ΠΟΛΙΤΙΣΜΟΥ», Θεσσαλονίκη 2006.

Επιλογή της σεισμικής δράσης σχεδιασμού των επεμβάσεων. Εναλλακτικές δυνατότητες, σκέψεις, προβληματισμοί και παραδείγματα, Στυλιανίδης Κ., Πρακτικά Διημερίδας με τίτλο "Αντισεισμικές Επεμβάσεις σε Μνημεία και Ιστορικούς Οικισμούς", Ευρωπαϊκό Κέντρο Πρόληψης και Πρόγνωσης των Σεισμών - ΟΑΣΠ, Αθήνα, Φεβρουάριος 2006.

Κομνηνός, Ν. (2006) "Εξυπνες πόλεις: Συστήματα καινοτομίας και τεχνολογίες πληροφορίας στην ανάπτυξη των πόλεων" Περιοδικό Αρχιτέκτονες, Νο 60, 72-75.

Κομνηνός, Ν., Πάσσας, Ι., και Τσαρχόπουλος, Π. (2006) "Ευφυείς πόλεις" Περιοδικό "Η Πληροφορική στη Βόρειο Ελλάδα", Νο 2, 13-14.

ΜΕΛΕΤΗ ΑΠΟΚΑΤΑΣΤΑΣΗΣ ΤΗΣ ΛΙΘΙΝΗΣ ΓΕΦΥΡΑΣ ΤΗΣ ΠΥΛΗΣ
Βαγγελάκος Α., Καραβεζύρογλου Μ., Poster Διατμητικού Προγράμματος Μεταπτυχιακών Σπουδών "Προστασία, Συντήρηση και Αποκατάσταση Μνημείων Ανστηλώσεων, ΕΤΕΠΑΜ, Θεσσαλονίκη 2006

Σαββαΐδης Π., 2006, «των αναμνήσεων Θεσσαλονίκη των ελπίδων», Όμιλος Inner Wheel Θεσσαλονίκης, Νοέμβριος.

Σαββαΐδης Π., 2006, Η άλλη αλήθεια των χαρτών, Όμιλος Inner Wheel Δυτικής Θεσσαλονίκης, Απρίλιος 2006.

Σαββαΐδης Π., 2006, Η Θεσσαλονίκη από το παρελθόν στο μέλλον, Δελτίο Ροταριανού Συλλόγου Θεσσαλονίκης, αρ. 5/3-10-2006, Θεσσαλονίκη, 7-9.

ΣΤΥΛΙΑΝΙΔΗΣ Κ., 2006, "Επιλογή της σεισμικής δράσης σχεδιασμού των επεμβάσεων. Εναλλακτικές δυνατότητες, σκέψεις, προβληματισμοί και παραδείγματα", Πρακτικά Διημερίδας με τίτλο "Αντισεισμικές Επεμβάσεις σε Μνημεία και Ιστορικούς Οικισμούς", Ευρωπαϊκό Κέντρο Πρόληψης και Πρόγνωσης των Σεισμών - ΟΑΣΠ, Αθήνα, Φεβρουάριος 2006.

ΤΣΩΝΟΥ, Α.Γ., "Κατασκευαστική Αναστήλωση Ι.Ν. Παναγίας Αχειροποιήτου Θεσσαλονίκης", Σημειώσεις οι οποίες δόθηκαν σ' αυτούς που παρακολούθησαν την Διημερίδα "Ανάλυση Συμπεριφοράς και Σχεδιασμός Επεμβάσεων Φέροντος Οργανισμού Ιστορικών Κτιρίων", που πραγματοποιήθηκε το Φεβρουάριο του 2006 στα πλαίσια του Σεμιναρίου που οργάνωσε το Δ.Π.Μ.Σ. (Διατμηματικό Πρόγραμμα Μεταπτυχιακών Σπουδών) της Πολυτεχνικής Σχολής στο Αμφιθέατρο "Π. ΠΑΝΑΓΙΩΤΟΠΟΥΛΟΣ" της Π.Σ. του Α.Π.Θ. (CD-Rom Διημερίδας), 29 σελ.

Τμήμα Ηλεκτρολόγων Μηχανικών και Μηχανικών Υπολογιστών

Άρθρα σε περιοδικά με κριτές

2001

“Electronic Sputtering of Nitrogen from Carbon induced by swift Highly charged ions” M Caron, A. Clouvas, R. Neugebauer, C. Potiriadis., H.Rothard Physica Scripta T92, 205-207,(2001)

“Electronic Sputtering by swift Highly charged ions of Nitrogen on amorphous Carbon” M Caron, F. Haranger, H.Rothard, B.Ban d’Etat, P. Boduch, A. Clouvas, C. Potiriadis, R. Neugebauer, T.Jalowy Nuclear Instruments and Methods in Physics Research B 179,161-175,(2001)

“Extended survey of indoor and outdoor terrestrial gamma radiation in Greek urban area by in situ gamma spectrometry with portable Ge detector A.Clouvas, S. Xanthos, M. Antonopoulos-Domis Radiation Protection Dosimetry Vol94,233-246,(2001)

A. Bakirtzis, P. Biskas, A. Maissis, A. Coronides, J. Kabouris and M. Efstathiou, "Comparison of Two Methods for Long-Run Marginal Cost Based Transmission Use-of-System Pricing", IEE Proceedings - Generation Transmission and Distribution, Vol. 148, Iss. 5, pp. 477-481, Sept. 2001.

A. G. Bakirtzis, “Aumann-Shapley Transmission Congestion Pricing”, IEEE Power Engineering Review, Vol. 21, No. 3, pp. 67-69, March 2001.

A. Savvaidis, C. Papazachos, P. Soupios, O. Galanis, N. Grammalidis, C. Saragiotis, L. Hadjileontiadis, and S. Panas, "Implementation of additional seismological software for the determination of earthquake parameters based on Matseis and an automatic phase detector algorithm," Seismological Research Letters, vol. 73, pp.56-69, 2001.

Allen, N. L., and Mikropoulos, P. N.: “Surface profile effect on streamer propagation and breakdown in air”. IEEE Trans. on Dielectrics and Electrical Insulation, 2001, 8, (5), pp. 812-817

D. Reichelt, M. Hoeckel, A. Bakirtzis, S. Banales, S. Charousset, B. Mo, A. Jhutti, J. Rincon, L. Soeder, U. Stribaek, "Portfolio and Risk Management for Power Producers and Traders in an Open Market", ELECTRA No 199, pp. 54-63, Dec. 2001.

Dimitra Ananidou, George Hassapis and Dimitrios Kleftouris, 2001, High Level Timed Petri Net Templates for the Temporal Verification of Real-Time Multiprocessor Applications”, Lecture Notes in Computer Science, 2563, 386-400,.

Dimitra Ananidou, George Hassapis and Dimitrios Kleftouris, 2001, High Level Timed Petri Net Templates for the Temporal Verification of Real-Time

Multiprocessor Applications”, Lecture Notes in Computer Science, 2563, 386-400,.

Experimental study and Monte Carlo simulation of the correlation between electron emission and stopping power for swift proton impact on amorphous carbon target M.Beuve , M.Caron , B. Gervais , H. Rothard , A. Clouvas , C. Potiriadis Eur. Phys. J. D. 15 , 293-300 ,(2001)

G. A. Rovithakis, M. Maniadakis, M. Zervakis, G. Filippidis, G. Zacharakis, A. Katsamouris, T. G. Papazoglou, “Artificial Neural Networks for Discriminating Pathologic from Normal Peripheral Vascular Tissue”, IEEE Transactions on Biomedical Engineering, vol. 48, no. 10, pp. 1088-1097, 2001.

George A. Rovithakis, “Stable Adaptive Neuro-Control Design via Lyapunov Function Derivative Estimation”, Automatica, vol. 37, no. 8, pp. 1213-1221, 2001.

George A. Rovithakis, Stelios E. Perrakis, Manolis A. Christodoulou, “Application of a Neural Network Scheduler on a Real Manufacturing System”, IEEE Transactions on Control Systems Technology, vol. 9, no. 2, pp. 261-270, 2001.

Housiadas, M. Antonopoulos-Domis, "Estimation of the moderator temperature coefficient of reactivity via noise analysis using closed-loop transfer functions", Annals of Nuclear Energy, 28, pp. 983-991, (2001).

I. T. Rekanos, M. S. Efraimidou, and T. D. Tsiboukis, “Microwave Imaging: Inversion of Scattered Near – Field Measurements,” IEEE Trans. Magn., vol. 37, no 5 pp. 3294-3297, 2001.

J. S. Juntunen, N. V. Kantartzis, and T. D. Tsiboukis, “Zero Reflection Coefficient in Discretized PML,” IEEE Microwave Wireless Components Lett., vol. 11, no 4, pp. 155-157, 2001.

Juntunen J.S., Kantartzis N.V., Tsiboukis T.D., 2001, Zero reflection coefficient in discretized PML, IEEE Microwave and Wireless Components Letters 11, 4, 155-157.

K. Mourtzanos, C. Housiadas, M. Antonopoulos-Domis, "Calculation of the moderator temperature coefficient of reactivity for water moderated reactors ", Annals of Nuclear Energy, 28, pp. 1773-1782, (2001)

Kantartzis N.V., Kosmanis T.I., Yioultsis T.V., Tsiboukis T.D., 2001, A nonorthogonal higher-order wavelet-oriented FDTD technique for 3-D waveguide structures on generalised curvilinear grids, IEEE Transactions on Magnetics 37, 5, 3264-3268.

Kosmanis T.I., Kantartzis N.V., Tsiboukis T.D., 2001, An accurate FDTD wavelet-Galerkin multilevel representation of field singularities near conductive wedges, Proceedings of IEE, Microwave, Antennas and Propagation 148, 3, 163-166.

Mademlis C. and Agelidis V.G., "On Considering Magnetic Saturation with Maximum Torque to Current Control in Interior Permanent Magnet Synchronous Motor Drives", IEEE Transactions on Energy Conversion, vol.16, no. 3, pp. 246-252, Sept. 2001.

N. V. Kantartzis, T. I. Kosmanis, T. V. Yioultsis, and T. D. Tsiboukis, "A Nonorthogonal Higher-Order Wavelet-Oriented FDTD Technique for 3-D Waveguide Structures on Generalised Curvilinear Grids," IEEE Trans. Magn., vol. 37, no 5, pp. 3264-3268, 2001.

R. Istepanian, L. J. Hadjileontiadis, and S. M. Panas, "ECG data compression using wavelets and higher-order statistics methods for telemedical applications," IEEE Transactions on Information Technology in Biomedicine, vol. 5, no. 2, pp. 108-115, June 2001.

Rekanos I.T., Efraimidou M.S., Tsiboukis T.D., 2001, Microwave imaging: Inversion of scattered near- field measurements, IEEE Transactions on Magnetics 37, 5, 3294-3297.

S. Tzortzidou and G. Hassapis, 2001, Assessment of the reading skill improvement in the computer-assisted teaching of foreign language, Education and Information Technologies, 6, 2, 175-189,.

S. Tzortzidou and G. Hassapis, 2001, Assessment of the reading skill improvement in the computer-assisted teaching of foreign language, Education and Information Technologies, 6, 2, 175-189,.

T. I. Kosmanis, N. V. Kantartzis and T. D. Tsiboukis, "An Accurate FDTD Wavelet-Galerkin Multilevel Representation of Field Singularities Near Conductive Wedges," IEE Proc. IEE, Microwave, Antennas Propagat., vol. 148, no 3, pp. 163-166, 2001.

T. V. Yioultsis, K. S. Charitou, C. S. Antonopoulos, and T. D. Tsiboukis, "A Finite Difference Time Domain Scheme for Transient Eddy Current Problems," IEEE Trans. Magn., vol. 37, no 5, pp. 3145-3149, 2001.

V. Petridis, A. Kehagias, L. Petrou, A. Bakirtzis, S. Kiartzis and H. Panagiotou, "A Bayesian Multiple Models Combination Method for Time Series Prediction", Journal of Intelligent and Robotic Systems, Vol. 31, pp. 69-89, 2001.

Yioultsis T.V., Charitou K.S., Antonopoulos C.S., Tsiboukis T.D., 2001, A finite difference time domain scheme for transient eddy current problems, IEEE Transactions on Magnetics 37, 5, 3145-3149.

Yioultsis T.V., Tsiboukis T.D., 2001, Convergence-optimized higher order vector finite elements for microwave simulations, IEEE Microwave and Wireless Components Letters 11, 10, 419-421.

T. V. Yioultsis and T. D. Tsiboukis, "Convergence-Optimized Higher Order Vector Finite Elements for Microwave Simulations," IEEE Microwave Wireless Components Lett., vol. 11, no 10, pp. 419-421, 2001.

2002

Experimental and theoretical study of the ratio between the electron emission yield and the electronic stopping power of photons incident on thin carbon foils" A. Dubus, N. Pauly M. Rosler, H Rothard, M.Beuve, M.Caron, B. Gervais, A. Clouvas, C. Potiriadis Nuclear Instruments and Methods in Physics Research B 193, 621-625, (2002)

A. Bakirtzis, P. Biskas, C. Zoumas and V. Petridis, "Optimal Power Flow by Enhanced Genetic Algorithm", IEEE Transactions on Power Systems Vol. 17, No. 2, pp. 229-236, May 2002.

A.G. Bakirtzis and P. Biskas, "Decentralized DC Load Flow and Applications to Transmission Management", IEE Proceedings - Generation Transmission and Distribution, Vol. 149, No. 5, pp. 600-606, Sep. 2002.

A.G. Bakirtzis, Y.H. Kim and A.P. Meliopoulos "Monte Carlo Simulation for Evaluating Retail Wheeling Effects", Electric Power Systems Research, Vol. 60, No.3, pp.137-144, Jan. 2002.

Agelidis V.G. and Mademlis C., "Technology of Offshore Wind Turbines and Farms and Novel Multilevel Converter-Based HVDC Systems for their Grid Connections", Wind Engineering, vol. 26, no. 6, pp. 383-395, Nov. 2002.

C. D. Saragiotis, L. J Hadjileontiadis, and S. M Panas, "PAI-S/K: A robust automatic seismic P phase arrival identification scheme," IEEE Transactions on Geoscience and Remote Sensing, vol. 40, no. 6, pp. 1395 -1404, June 2002.

C. Mademlis, N. Margaris, Loss Minimization in Vector Controlled Interior Permanent Magnet Synchronous Motor Drives, IEEE Trans. on Industrial Electronics, Vol. 49, No. 6, pp. 1344- 1347, Dec. 2002.

E. Kehris, Z. Doulgeri, Improving simulation project efficiency using Web technology, Simulation: Transactions of the Society for Modeling and Simulation International, Vol.78, No. 9, pp. 568-579, 2002.

Efthymiadis K., Hatzivasiliou S., Sianou A., Litsardakis G., Tsoukalas J., Hesse J. and Bremers H., Structural investigation of NdFe_{12-x}YTi_xNb_y alloys, J.Magn.Magn.Mat. 242-245 (2002) 1381-1383

G. Hassapis, 2002, Teaching industrial control with the assistance of a web-based interactive simulator of distributed control systems, International Journal of Engineering Education, 18, 5, 576-583,.

G. Hassapis, 2002, Teaching industrial control with the assistance of a web-based interactive simulator of distributed control systems, International Journal of Engineering Education, 18, 5, 576-583,.

I. T. Rekanos and T. D. Tsiboukis, "An Inverse Scattering Technique for Microwave Imaging of Binary Objects," IEEE Trans. Microwave Theory Tech., vol. 50, no 5, pp. 1439-1442, 2002.

K. P. Prokopidis, N. V. Kantartzis, and T. D. Tsiboukis, "A Higher-Order Unsplit-Field Perfectly Matched Layer for the Reflectionless Truncation of 3-D Spherical FDTD Lattices," *Electrical Engineering*, vol. 84, pp. 173-187, 2002.

Kalogirou O., Sarafides Ch., Gjioka M. and Litsardakis G., Effects of Co substitution on structural and magnetic properties of $R_3(\text{Fe}_{1-x}\text{Co}_x)_2\text{9-yV}_y$ ($R=\text{Tb, Dy}$), *J.Magn.Magn.Mat.* 247 (2002) 34-41

Kantartzis N.V., Katsibas T.K., Antonopoulos C.S., Tsiboukis T.D., 2002, Unified higher-order curvilinear FDTD-PMLs for 3-D electromagnetics and advective acoustics, *COMPEL* 21, 3, 451-471.

Kantartzis N.V., Tsiboukis T.D., 2002, Higher-order non-standard schemes in generalised curvilinear coordinates: A systematic strategy for advanced numerical modeling and consistent topological perspectives, *International COMPUMAG Society Newsletter* 9, 3, 5-14.

Kantartzis N.V., Zygidis T.T., Tsiboukis T.D., 2002, A nonstandard higher-order FDTD algorithm for 3-D arbitrarily and fractal-shaped antenna structures on general curvilinear lattices, *IEEE Transactions on Magnetics* 38, 2, 737-740.

Kosmanis T.I., Tsiboukis T.D., 2002, A systematic conformal FDTD technique for the simulation of arbitrarily curved interfaces between dielectrics, *IEEE Transactions on Magnetics* 38, 2, 645-648.

Mademlis C. and Margaris N., "Loss Minimization in Vector Controlled Interior Permanent Magnet Synchronous Motor Drives", *IEEE Transactions on Industrial Electronics*, vol. 49, no. 6, pp. 1344-1347, Dec. 2002.

Makridis S., Litsardakis G., Panagiotopoulos I., Niarchos D. and Hadjipanayis G.C., Effects of boron substitution on the structural and magnetic properties of melt-spun Sm-Co magnets, *J.Appl.Phys.* 91, 10 (2002) 7899-7901

Makridis S., Litsardakis G., Panagiotopoulos I., Niarchos D., Zhang Y. and Hadjipanayis G.C., High coercivity in boron substituted Sm-Co melt-spun magnets, *IEEE Trans.Magn.* MAG-38, 5 (2002) 2922-2924

N. V. Kantartzis and T. D. Tsiboukis, "Higher-Order Non-Standard Schemes in Generalised Curvilinear Coordinates: A Systematic Strategy for Advanced Numerical Modeling and Consistent Topological Perspectives," *ICS Newsletter*, vol. 9, no. 3, pp. 5-14, 2002.

N. V. Kantartzis, T. K. Katsibas, C. S. Antonopoulos, and T. D. Tsiboukis, "Unified Development of Well-Posed Curvilinear Perfectly Matched Layers for 3-D Low Frequency Electromagnetic and Advective Acoustic FDTD Simulations," *Studies in Applied Electromagnetics and Mechanics*, IOS Press, pp. 88-103, 2002

Τμήμα Ηλεκτρολόγων Μηχανικών και Μηχανικών Υπολογιστών

N. V. Kantartzis, T. K. Katsibas, C. S. Antonopoulos, and T. D. Tsiboukis, "Unified Higher-Order Curvilinear FDTD-PMLs for 3-D Electromagnetics and Advective Acoustics," COMPEL, vol. 21, no 3, pp. 451-471, 2002.

N. V. Kantartzis, T. T. Zygiridis, and T. D. Tsiboukis, "A Nonstandard Higher-Order FDTD Algorithm for 3-D Arbitrarily and Fractal-Shaped Antenna Structures on General Curvilinear Lattices," IEEE Trans. Magn., vol. 38, no 2, pp. 737-740, 2002.

P.N. Biskas and A.G. Bakirtzis, "Decentralized congestion management of interconnected power systems", IEE Proceedings - Generation Transmission and Distribution, Vol.149, No. 4, pp. 432-438, Jul. 2002.

Prokopidis K.P., Kantartzis N.V., Tsiboukis T.D., 2002, A higher-order unsplit-field perfectly matched layer for the reflectionless truncation of 3-D spherical FDTD lattices, Electrical Engineering 84, 173-187.

Rekanos I.T., Tsiboukis T.D., 2002, An inverse scattering technique for microwave imaging of binary objects, IEEE Transactions on Microwave Theory and Techniques 50, 5, 1439-1442.

S. Arimoto, Z. Doulgeri, P. T. A. Nguyen, J. Fasoulas, Stable pinching by a pair of robot fingers with soft tips under the effect of gravity, Robotica, Vol. 20, No. 3, pp. 241-249, 2002.

S.E. Papadakis, J.B. Theocharis and A.G. Bakirtzis, "A load curve based fuzzy modeling technique for short-term load forecasting", to appear in Fuzzy Sets and Systems, available on-line, 28 May 2002.

T. I. Kosmanis and T. D. Tsiboukis, "A Conformal FDTD Algorithm for the Simulation of Curved Dielectric Interfaces in Three-Dimensional Grids," Studies in Applied Electromagnetics and Mechanics, IOS Press, pp. 104-109, 2002

T. I. Kosmanis and T. D. Tsiboukis, "A Systematic Conformal FDTD Technique for the Simulation of Arbitrarily Curved Interfaces between Dielectrics," IEEE Trans. Magn., vol. 38, no 2, pp. 645-648, 2002.

T. T. Zygiridis, N. V. Kantartzis, and T. D. Tsiboukis, "A novel Sierpinski double-gasket antenna investigated with a 3-D FDTD conformal technique," IEE Electronics Lett., vol. 38, no. 3, pp. 107-109, 2002.

T. Tambouratzis, M. Antonopoulos-Domis, "A non-stationary signal correlator for on-line transit time estimation", Annals of Nuclear Energy Vol. 29 (11), pp. 1299-1313, (2002).

T. V. Yioultsis, T. I. Kosmanis, E. P. Kosmidou, T. T. Zygiridis, N. V. Kantartzis, T. D. Xenos, and T. D. Tsiboukis, "A Comparative Study of the Biological Effects of Various Mobile Phone and Wireless LAN Antennas," IEEE Trans. Magn., vol. 38, no 2, pp. 777-780, 2002.

Τμήμα Ηλεκτρολόγων Μηχανικών και Μηχανικών Υπολογιστών

Tambouratzis T., Antonopoulos-Domis M., "Instability localization with artificial neural networks", *Annals of Nuclear Energy*, Vol. 29 (3), pp. 235-253, (2002).

Vasiliki N. Ikonomidou, George D. Sergiadis: "A rotational approach to localized SPAMM 1-1 tagging" *Journal of Magnetic Resonance* 157, 218-22 (2002).

Yioultsis T.V., Kosmanis T.I., Kosmidou E.P., Zygiridis T.T., Kantartzis N.V., Xenos T.D., Tsiboukis T.D., 2002, A comparative study of the biological effects of various mobile phone and wireless LAN antennas, *IEEE Transactions on Magnetics* 38, 2, 777-780.

Z. Doulgeri, J. Fasoulas and S. Arimoto, Feedback control of object manipulation by a pair of soft tip fingers, *Robotica*, Vol. 20, No. 1, pp. 1-11, 2002.

Z. Doulgeri, N. Fahantidis, Picking up flexible pieces out of a bundle, *IEEE Robotics and Automation Magazine*, Vol. 9, No. 2, pp.9-19, 2002.

Z. Doulgeri, S. Arimoto, A Position/Force Control for a Robot Finger with soft tip and Uncertain kinematics, *Journal of Robotic Systems*, Vol. 19, No. 3, pp. 115-131, 2002.

Zygiridis T.T., Kantartzis N.V., Tsiboukis T.D., 2002, A novel Sierpinski double-gasket antenna investigated with a 3-D FDTD conformal technique, *IEE Electronics Letters* 38, 3, 107-109.

2003

Desorption of nitrogen from amorphous carbon under electron and swift heavy ion bombardment, M. Caron, H. Rothard and A. Clouvas *Surface Science* 528 ,103-109 ,(2003)

A combination study of indoor radon and in situ gamma spectrometry measurements in Greek dwellings" A. Clouvas, S. Xanthos, M. Antonopoulos-Domis. *Radiation Protection Dosimetry* Vol 103 ,363-366 (2003)

A.G. Bakirtzis and P. Biskas, "Decentralized DC Optimal Power Flow by Lagrangian Relaxation", *IEEE Transactions on Power Systems*, Vol. 18, No. 3, pp. 1007-1013, Aug. 2003.

C. Liatsos, L. J. Hadjileontiadis, C. Mavrogiannis, D. Patch, S. M. Panas, and A. K. Burroughs, "Bowel sound analysis: a novel non-invasive method for diagnosis of small volume ascites," *Digestive Diseases and Sciences* (Kluwer Academic/Plenum Publishers), vol. 48, no. 8, pp. 1630-1636, Aug. 2003.

Clouvas, A., Xanthos, S., Antonopoulos-Domis. M., "A combination study of indoor radon and in situ gamma spectrometry measurements in Greek dwellings", *Radiation Protection Dosimetry*, Vol. 103, pp.363-366, (2003).

Clouvas, S. Xanthos, M. Antonopoulos-Domis, "Long Term Measurements of Radon Equilibrium Factor in Greek Dwellings", Radiation Protection Dosimetry, Vol. 103, pp.269-271, (2003).

Clouvas, S. Xanthos, M. Antonopoulos-Domis, and J. Silva, "Measurements with a Ge Detector and Monte Carlo computations of dose rate yield due to cosmic muons", Health Physics, Vol. 84 (2), pp. 212-221, (2003).

E. P. Kosmidou and T. D. Tsiboukis, "An FDTD Analysis of Photonic Crystal Waveguides Comprising Third-Order Nonlinear Materials," Optical Quantum Electron., vol. 35, pp. 931-946, 2003.

E. P. Kosmidou, T. I. Kosmanis, and T. D. Tsiboukis, "A Comparative FDTD Study of Various PML Configurations for the Termination of Nonlinear Photonic Bandgap Waveguide Structures," IEEE Trans. Magn., vol. 39, no. 3, pp. 1191-1194, 2003.

Efthymiadis K., Makridis S., Chadjivasiliou S.C., Polychroniadis E.K., Sianou A.K. and Litsardakis G., On the microstructure and the recrystallization procedure of melt-spun of Nd_{7.5}Fe_{84.8}Ti_{7.7}-xNbx alloys, J.Magn.Magn.Mat. 267 (2003) 19-25

G. Hassapis, 2003, Implementation of model predictive control using real-time multiprocessing computing, Microprocessors and Microsystems, 27, 327-340.

G. Hassapis, 2003, Implementation of model predictive control using real-time multiprocessing computing, Microprocessors and Microsystems, 27, 327-340.

G. Hassapis, 2003, An interactive electronic book approach for teaching computer implementation of industrial control systems, IEEE Transactions on Education, 40, 1, 1-6.

G. Hassapis, 2003, An interactive electronic book approach for teaching computer implementation of industrial control systems, IEEE Transactions on Education, 40, 1, 1-6.

G. Hassapis, D. Ananidou, 2003, Modeling and verification of a class of real-time systems by the use of high level timed Petri nets, Journal of Systems and Software, 68, 153-165.

G. Hassapis, D. Ananidou, 2003, Modeling and verification of a class of real-time systems by the use of high level timed Petri nets, Journal of Systems and Software, 68, 153-165.

G. Hassapis, Niovi Pavlidou, 2003, A virtual laboratory exercise for teaching software development for industrial computers, World Transactions on Engineering Education, 2, 411-416, .

G. Hassapis, Niovi Pavlidou, 2003, A virtual laboratory exercise for teaching software development for industrial computers, *World Transactions on Engineering Education*, 2, 411-416, .

Gkatzianas M.A., Ballas G.I., Balanis C.A., Birtcher C.R., Tsiboukis T.D., 2003, Thin-slot/thin-layer subcell FDTD algorithms for EM penetration through apertures, *Electromagnetics* 23, 2, 119-133.

Influence of adsorbates on electron emission from amorphous carbon under electron and swift heavy ion bombardment" M. Caron, H. Rothard, A. Clouvas, *Eur. Phys. J. -Appl. Phys.* Vol 21, No 1, 9-16 (2003)

K. P. Prokopidis and T. D. Tsiboukis, "Higher-Order FDTD (2,4) Scheme for Accurate Simulations in Lossy Dielectrics," *IEE Electronics Lett.*, vol. 39, no. 11, pp. 835-836, 2003.

K. P. Prokopidis, N. V. Kantartzis, and T. D. Tsiboukis, "Performance Optimization of the PML Absorber in Lossy Media via Closed-Form Expressions of the Reflection Coefficient," *IEEE Trans. Magn.*, vol. 39, no. 3, pp. 1234-1237, 2003.

Kioskeridis I. and Mademlis C., "Energy Efficiency Optimization in Synchronous Reluctance Motor Drives", *IEE Proc. – Electric Power Applications*, vol. 150, no. 2, pp. 201-209, March 2003.

Kosmanis T.I., Tsiboukis T.D., 2003, A systematic topologically stable conformal FDTD algorithm for modeling curved dielectric interfaces in 3-D, *IEEE Transactions on Microwave Theory and Techniques* 51, 3, 839-847.

Kosmidou E.P., Kosmanis T.I., Tsiboukis T.D., 2003, A comparative FDTD study of various PML configurations for the termination of nonlinear photonic bandgap waveguide structures, *IEEE Transactions on Magnetics* 39, 3, 1191-1194.

Kosmidou E.P., Tsiboukis T.D., 2003, An FDTD analysis of photonic crystal waveguides comprising third-order nonlinear materials, *Optical Quantum Electronics* 35, 931-946.

L. J. Hadjileontiadis and I. T. Rekanos, "Detection of explosive lung and bowel sounds by means of fractal dimension," *IEEE Signal Processing Letters*, vol. 10, no. 10, pp. 311-314, Oct. 2003.

L. J. Hadjileontiadis, "Discrimination analysis of discontinuous breath sounds using higher-order crossings," *IEE Medical & Biological Engineering & Computing*, vol. 41, no. 4, pp. 445-455, July 2003.

Long term measurements of radon equilibrium factor in Greek dwellings
A.Clouvas ,S. Xanthos , M. Antonopoulos-Domis *Radiation Protection Dosimetry* Vol 103,269-271,(2003)

M. A. Gkatzianas, G. I. Ballas, C. A. Balanis, C. R. Birtcher, and T. D. Tsiboukis, "Thin-Slot/Thin-Layer Subcell FDTD Algorithms for EM Penetration Through Apertures," *Electromagn.*, vol. 23, no. 2, p. 119-133, 2003.

Mademlis C. and Kioskeridis I., "Performance Optimization in Switched Reluctance Motor Drives with On-line Commutation Angle Control", *IEEE Transactions on Energy Conversion*, vol. 18, no. 3, pp. 448-457, Sept. 2003.

Mademlis C., "Compensation of Magnetic Saturation in Maximum Torque to Current Vector Controlled Synchronous Reluctance Motor Drives", *IEEE Transactions on Energy Conversion*, vol. 18, no. 3, pp. 379-385, Sept. 2003.

Makridis S.S., Litsardakis G., Efthimiadis K.G., Papathanasiou G., Panagiotopoulos I., Höfner S., Fidler J., Hadjipanayis G.C. and Niarchos D., Nanostructured melt-spun Sm(Co-Fe-Zr-B)_{7.5} alloys for high temperature magnets, *IEEE Trans. Magn. MAG-39*, 5 (2003) 2869-2871

Makridis S.S., Litsardakis G., Efthimiadis K.G., Pavlidou E., Panagiotopoulos I., Hadjipanayis G.C. and Niarchos D., Structural and magnetic properties of rhombohedral Sm₂(Co,Fe,Cr)₁₇B_x and Sm₂(Co,Fe,Mn)₁₇B_x compounds, *IEEE Trans. Magn. MAG-39*, 5 (2003) 2872-2874

Measurements with a Ge detector and Monte Carlo computations of dose rate yields due to cosmic muons .A. Clouvas, S. Xanthos, M. Antonopoulos-Domis, J. Silva, *Health Physics Vol . 84, No 2*, pp 274-281 (2003)

Mitkas P. A., Kehagias D., Symeonidis A. L., and Athanasiadis I. N., 2003, A Framework for Constructing Multi-Agent Applications and Training Intelligent Agents, *Lecture Notes in Computer Science 2935*, 96 –109.

Prokopidis K.P., Kantartzis N.V., Tsiboukis T.D., 2003, Performance optimization of the PML absorber in lossy media via closed-form expressions of the reflection coefficient, *IEEE Transactions on Magnetics 39*, 3, 1234-1237.

Prokopidis K.P., Tsiboukis T.D., 2003, Higher-order FDTD (2,4) scheme for accurate simulations in lossy dielectrics, *IEE Electronics Letters 39*, 11, 835-836.

S. J. Hadjileontiadou and L. J. Hadjileontiadis, "Efficient tracking of Web-based collaboration dissonance using Quality Control Analysis (QCA)," *UICEE World Transactions on Engineering and Technology Education*, vol. 2, no. 1, pp. 25-28, 2003.

Symeonidis A. L., Kehagias D., and Mitkas P. A., 2003, Intelligent policy recommendations on enterprise resource planning by the use of agent technology and data mining techniques, *Expert Systems with Applications 25*, 4, 589-602.

T. I. Kosmanis and T. D. Tsiboukis, "A Systematic Topologically Stable Conformal FDTD Algorithm for Modeling Curved Dielectric Interfaces in 3-D," *IEEE Trans. Microwave Theory Tech.*, vol. 51, no. 3, pp. 839-847, 2003.

T. I. Kosmanis and T. D. Tsiboukis, "Conformal FDTD Algorithms: A Systematic and Topologically Consistent Approach," Special Issue: Electrical Engineering, Techn. Univ. Szczecin, pp. 135-140, 2003.

Vasiliki N. Ikonomidou, George D. Sergiadis: "Multirate SPAMM 1-1 Tagging" IEEE Transactions on Biomedical Engineering, Vol. 50, Issue 9, September 2003, pp. 1045-1051.

Z. Doulgeri, E. Kehris, Effect of workstation loading on the objective of the system's entry policy in FMS, Integrated Manufacturing Systems, Vol. 14, No. 3 pp. 293-304, 2003.

Z. Doulgeri, J. Fasoulas, Grasping control of rolling manipulations with deformable fingertips, IEEE/ASME Trans. on Mechatronics, Vol.8, No.2, pp. 283-286, 2003.

Zygiridis T.T., Kantartzis N.V., Yioultsis T.V., Tsiboukis T.D., 2003, Higher-order approaches of FDTD and TVFE methods for accurate analysis of fractal antenna arrays, IEEE Transactions on Magnetics 39, 3, 1230-1233.

T. T. Zygiridis, N. V. Kantartzis, T. V. Yioultsis, and T. D. Tsiboukis, "Higher-Order Approaches of FDTD and TVFE Methods for Accurate Analysis of Fractal Antenna Arrays," IEEE Trans. Magn., vol. 39, no. 3, pp. 1230-1233, 2003.

2004

A. Pyrpasopoulou, V. Kotoula, A. Cheva, E. Nikolakaki, P. Hytiroglou, I. Magras, T. Xenos, T. D. Tsiboukis and G. Karkavelas, "Bone Morphogenic Protein Expression in Newborn Rat Kidneys after Prenatal Exposure to Radiofrequency Radiation," Bioelectromagn., vol. 25, pp. 216-227, 2004.

A.S. Dagoumas, G.K. Papagiannis and P.S. Dokopoulos: 'An economic assessment of the Kyoto Protocol application', Energy Policy, Volume 34, Issue 1, January 2006, pp. 26-39, doi:10.1016/j.enpol.2004.05.012.

Athanasiadis I. N. and Mitkas P. A., 2004, An Agent-Based Intelligent Environmental Monitoring System, Management of Environmental Quality: An International Journal 15, 3, 238-249.

C. D. Saragiotis, L. J. Hadjileontiadis, I. T. Rekanos, and S. M. Panas, "Automatic P phase picking using maximum kurtosis and κ -statistics criteria," IEEE Geoscience and Remote Sensing Letters, vol. 1, no. 3, pp. 147-151, 2004.

C. Mademlis, I. Kioskeridis and N. Margaris, Optimal Efficiency Control Strategy for Interior Permanent Magnet Synchronous Motor Drives, IEEE Trans. on Energy Conversion, Vol.19, No. 4, pp.715-723, Dec.2004.

C.E. Zoumas, A.G. Bakirtzis, J.B. Theocharis and V. Petridis, "A Genetic Algorithm Approach to the Hydrothermal Coordination Problem", IEEE

Transactions on Power Systems, IEEE Transactions on Power Systems, Vol. 19, No. 3, pp. 1356-1364, Aug. 2004.

Clouvas, A., Xanthos, S., Antonopoulos-Domis. M. "Radiological maps of outdoor and indoor gamma dose rates in Greek Urban areas obtained by in situ gamma spectrometry", Radiation Protection Dosimetry, Vol. 112, pp. 267-275 (2004)

G. Papafotiou, N. Margaris, Calculation and Stability Investigation of Periodic Steady State of Voltage Controlled Buck DC-DC Converter, IEEE Trans. on Power Electronics, Vol. 19, No. 4, pp. 959-970, July 2004 (1cit).

George A. Rovithakis, "Robust Redesign of a Neural Network Controller in the Presence of Unmodeled Dynamics", IEEE Transactions on Neural Networks, vol. 15, no. 6, pp. 1482-1490, 2004.

George A. Rovithakis, I. Chalkiadakis, M. Zervakis, "High Order Neural Network Structure Selection for Function Approximation Applications using Genetic Algorithms", IEEE Transactions on Systems, Man, and Cybernetics, Part B: Cybernetics, vol. 34, no. 1, pp. 150-158, 2004.

George A. Rovithakis, M. Maniadakis, M. Zervakis, "A Hybrid Neural Network/Genetic Algorithm Approach to Optimizing Feature Extraction for Signal Classification", IEEE Transactions on Systems, Man, and Cybernetics, Part B: Cybernetics, vol. 34, no. 1, pp. 695-702, 2004.

George Hassapis, Stella Tzortzidou, Abelardo Pardo, Carlos Delgado Kloos, 2004, Teaching an Operating Systems Course over a Spatially Distributed Multinational Class: Lessons Learned ", Lectures notes in Computer Science,

George Hassapis, Stella Tzortzidou, Abelardo Pardo, Carlos Delgado Kloos, 2004, Teaching an Operating Systems Course over a Spatially Distributed Multinational Class: Lessons Learned ", Lectures notes in Computer Science,

I.G. Damousis, A.G. Bakirtzis and P.S. Docopoulos, "A Solution to the Unit Commitment Problem using integer-coded Genetic Algorithm", IEEE Transactions on Power Systems, Vol. 19, No. 2, pp. 1165-1172, May 2004.

K. P. Prokopidis and T. D. Tsiboukis, "FDTD Algorithm for Microstrip Antenna with Lossy Substrate Using Higher-Order Schemes," Electromagn., vol. 25, no. 5, pp. 301-315, 2004.

K. P. Prokopidis, E. P. Kosmidou, and T. D. Tsiboukis, "An FDTD Algorithm for Wave Propagation in Dispersive Media Using Higher-Order Schemes," J. Electromagn. Waves Appl., vo. 18, no. 9, pp. 1171-1194, 2004.

Kantartzis N.V., Katsibas T.K., Antonopoulos C.S., Tsiboukis T.D., 2004, A 3-D multimodal FDTD algorithm for electromagnetic and acoustic propagation in curved waveguides and bent ducts of varying cross section, COMPEL 23, 3, 619-624.

Kantartzis N.V., Tsiboukis T.D., 2004, A higher-order non-standard FDTD-PML method for the advanced modeling of complex EMC problems in generalized 3-D curvilinear coordinates, IEEE Transactions on Electromagnetic Compatibility 46, 1, 2-11.

Kantartzis N.V., Zygiridis T.T., Tsiboukis T.D., 2004, An unconditionally stable higher-order ADI-FDTD technique for the dispersionless analysis of generalized 3-D EMC structures, IEEE Transactions on Magnetics 40, 2, 1436-1439.

Karayannidis G., Papageorgiou G., Stergiou A.C., Litsardakis G., WAXD and DSC study of the crystallization of poly(ethylene naphthalate), poly(butylene naphthalate) and their copolymers, J. Pol. Sci. Part B: Polym. Phys. 42 (2004) 843-860

Kiourtsidis G.E., Skolianos S.M. and Litsardakis G.A., Aging response of aluminium alloy 2024/silicon carbide particles (SiCp) composites, Mat. Sc. and Eng. A 382 (2004) 351–361

Litsardakis G. , Makridis S.S., Daniil M., Efthimiadis K.G., Pavlidou E., Tsioussis I., Frangis N. and Stergiou A.C., Structure and magnetic properties of Sm₉(Co_{1-x}Zr_x)₄ alloys, J.Magn.Magn.Mat. 272-276 (2004) e377-379

Mademlis C., Kioskeridis I., and Margaris N., “Optimal Efficiency Control Strategy for Interior Permanent Magnet Synchronous Motor Drives”, IEEE Transactions on Energy Conversion, vol. 19, no. 4, pp. 715-723, Dec. 2004.

Makridis S.S., Litsardakis G., Efthimiadis K.G., Höfinger S., Fidler J. and Niarchos D., Sm(Co, Fe, Cu, Zr, C)_{8.2} ribbons for high temperature magnets, J.Magn.Magn.Mat. 272-276 (2004) e1921-1923

Michael E. Zervakis, Stefanos Goumas, George A. Rovithakis, “A Bayesian Framework for Multi-lead SMD Post-Placement Quality Inspection”, IEEE Transactions on Systems, Man, and Cybernetics, Part B: Cybernetics, vol. 34, no. 1, pp.440-453, 2004.

N. V. Kantartzis and T. D. Tsiboukis, “A Higher-Order Non-Standard FDTD-PML Method for the Advanced Modeling of Complex EMC Problems in Generalized 3-D Curvilinear Coordinates,” IEEE Trans. Electromagn. Compat., vol. 46, no. 1, pp. 2-11, 2004.

N. V. Kantartzis, T. K. Katsibas, C. S. Antonopoulos, and T. D. Tsiboukis, “A 3-D Multimodal FDTD Algorithm for Electromagnetic and Acoustic Propagation in Curved Waveguides and Bent Ducts of Varying Cross Section,” COMPEL, vol. 23, no. 3, pp. 619-624, 2004.

N. V. Kantartzis, T. T. Zygiridis, and T. D. Tsiboukis, “An Unconditionally Stable Higher-Order ADI-FDTD Technique for the Dispersionless Analysis of Generalized 3-D EMC Structures,” IEEE Trans. Magn., vol. 40, no. 2, pp. 1436-1439, 2004.

Niovi Pavlidou and George Hassapis, 2004, Two teaching experiments that are based on the use of an e-learning environment that supports collaborative work, Lecture Notes in Computer Science,

Niovi Pavlidou and George Hassapis, 2004, Two teaching experiments that are based on the use of an e-learning environment that supports collaborative work, Lecture Notes in Computer Science,

P.N. Biskas and A.G. Bakirtzis, "Decentralised security constrained DC-OPF of interconnected power systems", IEE Proceedings - Generation, Transmission and Distribution, Vol. 151, No. 6, pp. 747-754, Nov. 2004.

Prokopidis K.P., Kosmidou E.P., Tsiboukis T.D., 2004, An FDTD algorithm for wave propagation in dispersive media using higher-order schemes, Journal of Electromagnetic Waves and Applications 18, 9, 1171-1194.

Prokopidis K.P., Tsiboukis T.D., 2004, FDTD algorithm for microstrip antenna with lossy substrate using higher-order schemes, Electromagnetics 25, 5, 301-315.

Pyrpasopoulou A., Kotoula V., Cheva A., Nikolakaki E., Hytiroglou P., Magras I., Xenos T.D., Tsiboukis T.D., Karkavelas G., 2004, Bone morphogenic protein expression in newborn rat kidneys after prenatal exposure to radiofrequency radiation, Bioelectromagnetics 25, 216-227.

Radiological maps of outdoor and indoor gamma dose rates in Greek urban areas obtained by in situ gamma ray spectrometry" A. Clouvas, S. Xanthos, M. Antonopoulos-Domis Radiation Protection Dosimetry Vol 112 ,267-275 (2004)

S. J. Hadjileontiadou and L. J. Hadjileontiadis, "A complexity analysis of collaborative turn-taking patterns evolving during computer-mediated collaboration," World Transactions on Engineering and Technology Education, UICEE, vol. 3 no.1, pp. 155-158, 2004.

S. J. Hadjileontiadou, G. N. Nikolaidou, L. J. Hadjileontiadis, and G. N. Balafoutas, "On enhancing on-line collaboration using fuzzy logic modelling," Educational Technology and Society, special issue on Technology-Enhanced Learning, no. 7, vol. 2, pp. 68-81, 2004. (invited)

T. T. Zygiridis and T. D. Tsiboukis, "A Dispersion-Reduction Scheme for the Higher-Order (2,4) FDTD Method," IEEE Trans. Magn., vol. 40, no. 2, pp. 1464-1467, 2004.

T. T. Zygiridis and T. D. Tsiboukis, "Higher order finite difference schemes with reduced dispersion errors for accurate time domain electromagnetic simulations," Int. J. Num. Modelling, John Wiley & Sons, vol. 17, pp. 461-486, 2004.

T. T. Zygiridis and T. D. Tsiboukis, "Low-dispersion algorithms based on the higher order (2,4) FDTD methods," IEEE Trans Microwave Theory Tech., vol. 52, no. 4, pp. 1321-1327, 2004.

Τμήμα Ηλεκτρολόγων Μηχανικών και Μηχανικών Υπολογιστών

T. T. Zygiridis, N. V. Kantartzis, and T. D. Tsiboukis, "Higher-Order Tangential Vector Finite Elements for 3-D Antenna Array Structures," *Electromagn.*, vol. 24, nos 1-2, pp. 95-111, 2004.

Tambouratzis T., Antonopoulos-Domis M., On-line signal trend identification, *Annals of Nuclear Energy*, Vol. 31 (14), pp. 1541-1553, (2004).

Tambouratzis T., Antonopoulos-Domis M., Parameter estimation during a transient – application to BWR stability, *Annals of Nuclear Energy*, Vol. 31 (18), pp. 2077-2092 (2004).

Tambouratzis T., Xanthos, S., Antonopoulos-Domis M., "On-line channel instability localisation with fuzzy rule-based systems", *Annals of Nuclear Energy*, Vol. 31 (7), pp. 773-788, (2004).

Theodore G. Vasiliadis, Evangelos G. Vaitopoulos, George D. Sergiadis: "A wideband printed dipole antenna with optimized tapered feeding balun for ISM and FWA bands" *Microwave and Optical Technology Letters (Wiley)*, Vol. 43, No. 5, pp. 437-441, December 2004.

V.P. Goudis and A.G. Bakirtzis, "Efficient Determination of Cournot Equilibria in Electricity Markets", *IEEE Transactions on Power Systems*, Vol. 19, No. 4, pp. 1837-1844, Nov. 2004.

V.P. Gountis and A.G. Bakirtzis, "Bidding Strategies for Electricity Producers in a Competitive Electricity Marketplace", *IEEE Transactions on Power Systems*, Vol. 19, No. 1, pp. 356-365, Feb. 2004..

Zygiridis T.T., Kantartzis N.V., Tsiboukis T.D., 2004, Higher-order tangential vector finite elements for 3-D antenna array structures, *Electromagnetics* 24, 1-2, 95-111.

Zygiridis T.T., Tsiboukis T.D., 2004, A dispersion-reduction scheme for the higher-order (2,4) FDTD method, *IEEE Transactions on Magnetics* 40, 2, 1464-1467.

Zygiridis T.T., Tsiboukis T.D., 2004, Higher order finite difference schemes with reduced dispersion errors for accurate time domain electromagnetic simulations, *International Journal on Numerical Modelling* 17, 461-486.

Zygiridis T.T., Tsiboukis T.D., 2004, Low-dispersion algorithms based on the higher order (2,4) FDTD methods, *IEEE Transactions on Microwave Theory and Techniques* 52, 4, 1321-1327.

2005

A study of PIXE continuum polarization properties C. Potiriadis, A.G Karydas, Ch. Zarkadas, A. Clouvas *X-Ray Spectrometry* Vol 34, 335-340, (2005)

In situ gamma spectrometry measurements and Monte Carlo computations for the detection of Radioactive sources in scrap Metal" A. Clouvas, S.

Xanthos, G. Takoudis , C. Potiriadis , J. Silva ,Health Physics Vol . 88,No 2, pp 154-162 (2005)

Influence of the target thickness on the backward and forward electron emission characteristics induced by protons incident on thin carbon foils C. Potiriadis, A. Clouvas, H Rothard, N. Pauly ,A. Dubus ,M. Rosler Nuclear Instruments and Methods in Physics Research B 230, 466-470, (2005)

59 Radiocesium gamma dose rates in a Greek pine forest :measurements and Monte Carlo computations"A.Clouvas, S. Xanthos, M.Antonopoulos-Domis, D. A. Alifragis, Radioactivity in the Environment Vol 7,pp 1155-1166,(2005)

A. Clouvas, S. Xanthos, G. Takoudis , C. Potiriadis "In situ gamma spectrometry measurements and Monte Carlo computations for the detection of Radioactive sources in scrap Metal", J. Silva ,Health Physics Vol . 88,No 2, pp 154-162 (2005)

Athanasiadis I. N. and Mitkas P. A., 2005, Social influence and water conservation signals: an agent-based approach, IEEE Computing in Science and Engineering 7, 1, 65-70.

Athanasiadis I. N., Mentes A. K., Mitkas P. A., and Mylopoulos Y. A., 2005, A hybrid agent-based model for estimating residential water demand, Simulation: Transactions of The Society for Modeling and Simulation International 81, 3, 175-187.

C. Liatsos, L. J. Hadjileontiadis, S. Theocharis, E. Petridou, A. Margeli, S. Skaltsas, C. Mavrogiannis, and M. Mykoniatis, "Using Higher-Order Crossings to distinguish liver regeneration indices in hepatectomized diabetic and non-diabetic rats," Journal of Gastroenterology and Hepatology, vol. 20, pp. 126-134, 2005.

Clouvas, S. Xanthos, M. Antonopoulos-Domis, D.A. Alifragis "Radiocaesium gamma dose rates in a Greek pine forest: measurements and Monte Carlo computations", Radioactivity in the Environment, Vol. 7, pp.1155-1166, (2005).

D. A. Tsiamitros, G. K. Papagiannis, D. P. Labridis, P. S. Dokopoulos: 'Earth Return Path Impedances Of Underground Cables For The Two-Layer Earth Case', IEEE Transactions on Power Delivery, vol. PWRD-20, No 3, July 2005, pp. 2174-2181 doi:10.1109/TPWRD.2005.848737.

E. Douka and L. J. Hadjileontiadis, "Time-frequency analysis of the free vibration response of a beam with a breathing crack," NDT&E International, vol. 38, no. 1, pp. 3-10, 2005.

E. J. Siachalou, I. K. Kitsas, K. J. Panoulas, E. Th. Zadelis, C. D. Saragiotis, Y. A. Toliass, L. J. Hadjileontiadis, and S. M. Panas, "ICASP: An intensive-care acquisition and signal processing integrated framework," Journal of Medical Systems, vol. 29, no. 6, pp. 633-646, 2005.

Τμήμα Ηλεκτρολόγων Μηχανικών και Μηχανικών Υπολογιστών

E. P. Kosmidou, Em. E. Kriezis, and T. D. Tsiboukis, "Analysis of Tunable Photonic Crystal Devices Comprising Liquid Crystal Materials as Defects," IEEE J. Quant. Electron., vol. 41, no. 5, pp. 657-665, May 2005.

E. P. Kosmidou, Em. E. Kriezis, and T. D. Tsiboukis, "FDTD Analysis of Photonic Crystal Defect Layers Filled with Liquid Crystals," Optical Quantum Electron., vol. 37, no. 1-3, pp. 149-160, 2005.

Electron emission induced by H⁺ and H⁰ incident on thin carbon foils : influence of charge changing processes N. Pauly ,A. Dubus ,M. Rosler, H Rothard, A. Clouvas, C. Potiriadis Nuclear Instruments and Methods in Physics Research B 230, 460-465, (2005)

G. Hassapis & N. Pavlidou, 2005, Teaching ICT courses to virtual classes by using e-learning environments that support collaborative work, World Transactions on Engineering and Technology Education, 4, 35-38,

G. Hassapis & N. Pavlidou, 2005, Teaching ICT courses to virtual classes by using e-learning environments that support collaborative work, World Transactions on Engineering and Technology Education, 4, 35-38,

G. K. Papagiannis, D. A. Tsiamitros, D. P. Labridis, P. S. Dokopoulos, 'A Systematic Approach To The Evaluation Of The Influence Of Multi-Layered Earth On Overhead Power Transmission Lines', IEEE Transactions on Power Delivery, vol. PWRD-20, No 4, Oct. 2005, pp. 2594-2601 doi: 10.1109/TPWRD.2005.855448.

G. K. Papagiannis, D. A. Tsiamitros, D. P. Labridis, P. S. Dokopoulos: 'Direct Numerical Evaluation of the Earth Return Path Impedances of Underground Cables', IEE Proceedings on Generation, Transmission and Distribution, vol. 152, Nr. 03, May 2005, pp. 321-328, doi:10.1049/ip-gtd:20045011.

G. Papafotiou, N. Margaris, Non-linear Discrete Time Analysis of the Fixed Frequency Switch-mode dc-dc Converters Dynamics, IEEE Trans. on Circuits and Systems II, Vol. 52, No. 6, pp. 322-326, June 2005.

G.A. Rovithakis, A.G. Malamos, T. Varvarigou, M.A. Christodoulou, "Quality of Service Adaptive Control of Multimedia Services in Short-Term Resource Reservation Networks", Cybernetics and Systems:An International Journal, Taylor & Francis, vol. 36, pp.251-281, 2005.

George Sergiadis:"High quality cellular communications at the Athens 2004 Olympic Games" BT (British Telecom) Technology Journal, Vol. 23, No. 2, pp. 247-258, April 2005.

Gourgoulis, D. E., Mikropoulos, P. N., Stassinopoulos, C. A., and Yakinthos, C. G.: "Effects of negative DC pre-stressing on positive impulse breakdown characteristics of conductor-rod gaps". IEE Proc.-Sci. Meas. Technol., 2005, 152, (4), pp. 155-160

Ioannis K. Vlachos, George D. Sergiadis: "Parametric indices of fuzziness for automated image enhancement" Fuzzy Sets and Systems, p13, Nov. 2005

Kantartzis N.V., Tsiboukis T.D., 2005, Wideband numerical and performance optimisation of arbitrarily-shaped anechoic chambers via an unconditionally stable time-domain technique, *Electrical Engineering* 81, 55-81.

Kantartzis N.V., Tsiboukis T.D., Kriezis E.E., 2005, A topologically consistent class of 3-D higher-order curvilinear FDTD schemes for dispersion-optimized EMC and material modeling, *Journal of Material Processing Technology* 161, 210-217.

Kehagias D., Symeonidis A. L., and Mitkas P. A., 2005, Designing Pricing Strategies for Autonomous Agents based on Bid-Forecasting, *Electronic Markets: the International Journal of Electronic Commerce & Business Media* 15, 1, 53-62.

Kioskeridis I. and Mademlis C., "Maximum Efficiency in Single-Pulse Controlled Switched Reluctance Motor Drives", *IEEE Transactions on Energy Conversion*, vol. 20, no. 4, pp. 809-817, Dec. 2005.

Kosmidou E.P., Kriezis Em.E., Tsiboukis T.D., 2005, Analysis of tunable photonic crystal devices comprising liquid crystal materials as defects, *IEEE Journal of Quantum Electronics* 41, 5, 657-665.

Kosmidou E.P., Kriezis Em.E., Tsiboukis T.D., 2005, FDTD analysis of photonic crystal defect layers filled with liquid crystals, *Optical Quantum Electronics* 37, 1-3, 149-160.

L. J. Hadjileontiadis, "Wavelet-based enhancement of explosive lung and bowel sounds using fractal dimension thresholding. Part I: Methodology," *IEEE Transactions on Biomedical Engineering*, vol. 52, no. 6, pp. 1143-1148, June 2005.

L. J. Hadjileontiadis, "Wavelet-based enhancement of explosive lung and bowel sounds using fractal dimension thresholding. Part II: Application results," *IEEE Transactions on Biomedical Engineering*, vol. 52, no. 6, pp. 1050-1064, June 2005.

L. J. Hadjileontiadis, E. Douka, and A. Trochidis, "Crack detection in beams using kurtosis," *Computers and Structures*, vol. 83, nos. 12-13, pp. 909-919, 2005.

L. J. Hadjileontiadis, E. Douka, and A. Trochidis, "Fractal dimension analysis for crack identification in beam structures," *Elsevier Mechanical Systems & Signal Processing*, vol. 19, issue 3, pp. 659-674, May 2005.

L. J. Hadjileontiadis, E. Douka, and A. Trochidis, "Fractal dimension analysis for crack identification in beam structures," *Mechanical Systems and Signal Processing*, vol. 19, no. 3, pp. 659-674, 2005.

Mademlis C. and Kioskeridis I., "Optimizing Performance in Current Controlled Switched Reluctance Generators", *IEEE Transactions on Energy Conversion*, vol. 20, no. 3, pp. 556-565, Sept. 2005.

Mademlis C., Kioskeridis I., and T. Theodoulidis, "Optimization of Single-Phase Induction Motors, Part I: Maximum Energy Efficiency Control", IEEE Transactions on Energy Conversion, vol. 20, no. 1, pp. 187-195, March 2005.

Mademlis C., Theodoulidis T., and Kioskeridis I., "Optimization of Single-Phase Induction Motors, Part II: Magnetic and Torque Performance under Optimal Control", IEEE Transactions on Energy Conversion, vol. 20, no. 1, pp. 196-203, March 2005.

Mikropoulos, P. N., and Stassinopoulos, C. A.: "Impulse sparkover characteristics of sphere-rod gaps". IEE Proc.-Sci. Meas. Technol., 2005, 152, (4), pp. 169-174

Mitkas P. A., 2005, Knowledge discovery for training intelligent agents: Methodology, tools and applications, Lecture Notes in Artificial Intelligence 3505, 2-18.

N. V. Kantartzis and T. D. Tsiboukis, "Wideband Numerical and Performance Optimisation of Arbitrarily-Shaped Anechoic Chambers via an Unconditionally Stable Time-Domain Technique," Electrical Engineering, vol. 81, pp. 55-81, 2005.

N. V. Kantartzis, T. D. Tsiboukis, and E. E. Kriezis, "A topologically consistent class of 3-D higher-order curvilinear FDTD schemes for dispersion-optimized EMC and material modeling" submitted in the J. Material Processing Technology, vol. 161, pp. 210-217, 2005.

P.N. Biskas, A.G. Bakirtzis, N.I. Macheras and N.K. Pasialis, "Decentralized Implementation of DC Optimal Power Flow on a Network of Computers", IEEE Transactions on Power Systems, IEEE Transactions on Power Systems, Vol. 20, No. 1, pp. 25-33, Feb. 2005.

S. J. Hadjileontiadou and L. J. Hadjileontiadis, "A new trend in environmental education based on neurofuzzy modeling of collaborative interactions," World Transactions on Engineering and Technology Education, UICEE, vol. 4, no.1, pp. 53-56, 2005.

S. Loutridis, E. Douka, and L. J. Hadjileontiadis, "Forced vibration behaviour and crack detection of cracked beams using instantaneous frequency," NDT and E International, vol. 38, no. 5, pp. 411-419, 2005.

S. Loutridis, E. Douka, L. J. Hadjileontiadis, and A. Trochidis, "A two-dimensional wavelet transform for detection of cracks in plates," Engineering Structures, vol. 27, no. 9, pp. 1327-1338, 2005.

Symeonidis A. L. and Mitkas P. A., 2005, A methodology for predicting agent behavior by the use of data mining techniques, Lecture Notes in Artificial Intelligence 3505, 161-174.

Symeonidis A. L., Seroglou S., Valtos E., and Mitkas P. A., 2005, Biotope: An Integrated Framework for Simulating Distributed Multiagent Computational

Systems, IEEE Transactions on Systems, Man, and Cybernetics - Part A: Systems and Humans 35, 3, 420-432.

T. T. Zygiridis and T. D. Tsiboukis, "Development of Higher Order FDTD Schemes with Controllable Dispersion Error," IEEE Trans. Antennas Propagat., vol. 53, no. 9, pp. 2938-2951, Sep. 2005.

T. T. Zygiridis and T. D. Tsiboukis, "Phase error reduction in general FDTD methods via optimum configuration of material parameters," J. Material Processing Technology, vol. 161, pp. 186-192, 2005.

Theodore G. Vasiliadis, Antonis G. Dimitriou, George D. Sergiadis: "A Novel Technique for the Approximation of 3-D Antenna Radiation Patterns" IEEE Transactions on Antennas and Propagation, Vol. 53, No. 7, pp. 2212-2219, July 2005.

Varvayanni M., Catsaros N., Antonopoulos-Domis M. "Derived Release Limits For the Greek Research Reactor Site Based on a diagnostic Atmospheric Modelling System for Irregular Terrain", Health Physics 88 (4): 340-349 (Apr 2005).

Varvayanni M., Stakakis E., Catsaros N., Antonopoulos-Domis M. "Void Induced Reactivity in a Mixed MTR Core", Nuclear Engineering and Design 235 (8): 855-865 (Apr 2005).

Z. Doulgeri, G. Iliadis, Contact stability analysis of a one degree-of-freedom robot using hybrid system's stability theorems, Robotica, Vol. 23, No. 5, pp. 607-614, 2005

Zygiridis T.T., Tsiboukis T.D., 2005, Development of higher order FDTD schemes with controllable dispersion error, IEEE Transactions on Antennas and Propagation 53, 9, 2938-2951.

Zygiridis T.T., Tsiboukis T.D., 2005, Phase error reduction in general FDTD methods via optimum configuration of material parameters, Journal of Material Processing Technology 161, 186-192.

2006

A Clouvas, S Xanthos, M Antonopoulos-Domis. «Simultaneous measurements of indoor radon, radon-thoron progeny and high resolution gamma spectrometry in Greek dwellings», Radiation Protection Dosimetry, (2006)

Antonis G. Dimitriou and George D. Sergiadis: "Architectural Features and Urban Propagation" IEEE Transactions on Antennas & Propagation, vol. 54, no. 3, March 2006.

C.A. Mastorocostas, I.N. Kioskeridis and N. I. Margaritis, Thermal and Slip Effects on Rotor Time Constant in Vector Controlled Induction Motor Drives, IEEE Trans. on Power Electronics, Vol.21, No. 2, pp. 495-504, March 2006.

D. A. Tsiamitros, G. C. Christoforidis, G. K. Papagiannis, D. P. Labridis and P. S. Dokopoulos: 'Earth Conduction Effects in Systems of Overhead and Underground Conductors in Multi-Layered Soils', IEE Proceedings on Generation, Transmission and Distribution, vol. 153, Nr. 3, May 2006, pp. 291 – 299.

D. C. Zografopoulos, Em. E. Kriezis, and T. D. Tsiboukis, "Photonic crystal - liquid crystal fibers for single-polarization or high-birefringence guidance," Optics Exp., vol. 13, no. 2, pp. 914-925, Jan. 2006.

D. C. Zografopoulos, Em. E. Kriezis, and T. D. Tsiboukis, "Tunable Highly Birefringent Bandgap-Guiding Liquid-Crystal Microstructured Fibers," IEEE J. Lightwave Technol., vol. 24, no. 9, pp. 3427-3432, Sep. 2006.

D. Douroumis and L. J. Hadjileontiadis, and A. Fahr, "Adaptive neuro-fuzzy modeling of poorly soluble drug formulations," Pharmaceutical Research, vol. 23, no. 6, pp. 1157-1164, 2006.

D. L. Sounas, N. V. Kantartzis, and T. D. Tsiboukis, "Focusing Efficiency Analysis and Performance Optimization of Arbitrarily-Sized DNG Metamaterial Slabs with Losses," IEEE Trans. Microw. Theory Tech., vol. 12, no. 12, pp. 4111-4121, Dec. 2006.

D. L. Sounas, N. V. Kantartzis, and T. D. Tsiboukis, "Optimized ADI-FDTD Analysis of Circularly Polarized Microstrip and Dielectric Resonator Antennas," IEEE Microw. Wireless Compon. Lett., vol. 16, no. 2, pp. 63-65, Feb. 2006.

Diplaris S., Symeonidis A. L., Mitkas P.A., Banos G., and Abas Z., 2006, A decision-tree-based alarming system for the validation of national genetic evaluations, Computers and Electronics in Agriculture 52, 21-35.

E. P. Kosmidou, Em. E. Kriezis, and T. D. Tsiboukis, "Analysis of Tunable Photonic Crystal Directional Couplers," J. Appl. Phys., vol. 100, pp. 1-9, 2006. Paper 043118 (also selected in Virtual J. Nanoscale Sci. Technol., vol. 14, no. 11, 2006).

I. T. Rekanos and L. J. Hadjileontiadis, "An iterative kurtosis-based technique for the detection of nonstationary bioacoustic signals," Signal Processing, vol. 86, no. 12, pp. 3787-3795, 2006.

Ioannis K. Vlachos, George D. Sergiadis: "An Automated Image Thresholding Scheme for Highly Contrast-Degraded Images Based on α -order Fuzzy Entropy" Fuzzy Logic and Applications, Vito Di Gesù, Francesco Masulli, Alfredo Petrosino (Eds.), Lecture Notes in Artificial Intelligence, pp 332-339, Vol. 2955, 2006.

Ioannis K. Vlachos, George D. Sergiadis: "Inner Product Based Entropy in the Intuitionistic Fuzzy Setting" International Journal of Uncertainty, Fuzziness, and Knowledge-Based Systems, vol 10, pp 351-366, 2006.

Isabella Kotini and George Hassapis, 2006, Verification of Rectangular Hybrid Automata Models, the journal of Systems and Software 79, 1433-1443,.

Isabella Kotini and George Hassapis, 2006, Verification of Rectangular Hybrid Automata Models, the journal of Systems and Software 79, 1433-1443,.

K. P. Prokopidis and T. D. Tsiboukis, "Higher-Order Spatial FDTD for EM Propagation in Dispersive Media," IOS Press Monograph, vol. 27, pp. 240-246, 2006.

K. P. Prokopidis and T. D. Tsiboukis, "The Effect of Substrate Dispersion on the Operation of Square Microstrip Antennas," IEEE Trans. Magn., vol. 42, no. 4, pp. 603-606, Apr. 2006.

Kantartzis N.V., Tsiboukis T.D., 2006, Rigorous ADI-FDTD analysis of left-handed metamaterials in optimally-designed EMC applications, COMPEL 15, 3, 677-690.

Kantartzis N.V., Tsiboukis T.D., Kriezis E.E., 2006, An explicit weighted essentially non-oscillatory time-domain algorithm for the 3-D EMC applications with arbitrary media, IEEE Transactions on Magnetics 42, 4, 803-806.

Kioskeridis I. and Mademlis C., "Optimal Efficiency Control of Switched Reluctance Generators", IEEE Trans. on Power Electronics, vol. 21, no. 4, pp. 1062-1072, July 2006.

Kontogounis I., Chatzidimitriou K. C., Symeonidis A. L., and Mitkas P.A., 2006, A Robust Agent Design for Dynamic SCM Environments, Lecture Notes in Artificial Intelligence 3955, Springer-Verlag, 127-136.

Kosmidou E.P., Kriezis Em.E., Tsiboukis T.D., 2006, Analysis of tunable photonic crystal directional couplers, Journal of Applied Physics 100, Paper 043118, 1-9.

Litsardakis G., Manolakis I., Efthimiadis K., Structural and magnetic properties of barium hexaferrites with Gd-Co substitution, Journal of Alloys and Compounds 427 (2007) 194-198, DOI information: 10.1016/j.jallcom.2006.02.044

Litsardakis G., Manolakis I., Serletis C. and Efthimiadis K.G., Structural and magnetic properties of barium-gadolinium hexaferrites, J.Magn.Magn.Mat. 310 (2007) e884-e886, DOI information: 10.1016/j.jmmm.2006.10.1107

N. V. Kantartzis and T. D. Tsiboukis, "Rigorous ADI-FDTD Analysis of Left-Handed Metamaterials in Optimally-Designed EMC Applications," COMPEL, vol. 15, no. 3, pp. 677-690, 2006.

N. V. Kantartzis, T. D. Tsiboukis, and E. E. Kriezis, "An Explicit Weighted Essentially Non-Oscillatory Time-Domain Algorithm for the 3-D EMC

Applications with Arbitrary Media," IEEE Trans. Magn., vol. 42, no. 4, pp. 803-806, Apr. 2006.

P.N. Biskas and A.G. Bakirtzis, "Decentralized OPF of large multi-area power systems", IEE Proceedings - Generation Transmission and Distribution, Vol. 153, No. 1, pp. 99-105, Jan. 2006.

P.N. Biskas, N.P. Ziogos and A.G. Bakirtzis, "Analysis of a monthly auction for financial transmission rights and flow-gate rights", Electric Power Systems Research, Vol. 77, No.5-6, pp.594-603, Apr. 2006.

P.N. Biskas, N.P. Ziogos, A. Tellidou, C.E. Zoumas, A.G. Bakirtzis and V. Petridis, "Comparison of two metaheuristics with mathematical programming methods for the solution of OPF", IEE Proceedings - Generation Transmission and Distribution, Vol. 153, No. 1, pp. 16-24, Jan. 2006.

Papageorgiou G.Z., Achilias D.S., Karayannidis G.P., Bikiaris D.N., Roupakias C. and Litsardakis G., Step-scan TMDSC and high rate DSC study of the multiple melting behavior of poly(1,3-propylene terephthalate), European Polymer Journal 42 (2006) 434-445

Prokopidis K.P., Tsiboukis T.D., 2006, The effect of substrate dispersion on the operation of square microstrip antennas, IEEE Transactions on Magnetics 42, 4, 603-606.

S. A. Taplidou and L. J. Hadjileontiadis, "Wheeze detection based on time-frequency analysis of breath sounds," Computers in Biology and Medicine (2006), doi: 10.1016/j.combiomed.2006.09.007.

Simultaneous measurements of indoor radon, radon-thoron progeny and high resolution gamma spectrometry in Greek dwellings". A. Clouvas, S. Xanthos, M. Antonopoulos-Domis Radiation Protection Dosimetry Vol 118 ,482-490 (2006)

Sounas D.L., Kantartzis N.V., Tsiboukis T.D., 2006, Focusing efficiency analysis and performance optimization of arbitrarily-sized DNG metamaterial slabs with losses, IEEE Transactions on Microwave Theory and Techniques 12, 12, 4111-4121.

Sounas D.L., Kantartzis N.V., Tsiboukis T.D., 2006, Optimized ADI-FDTD analysis of circularly polarized microstrip and dielectric resonator antennas, IEEE Microwave and Wireless Components Letters 16, 2, 63-65.

Symeonidis A. L., Chatzidimitriou K.C., Kehagias D., Mitkas P. A., 2006, A Multi-Agent Infrastructure for enhancing ERP System Intelligence, Journal of Scalable Computing: Practice and Experience 8, 1, 101-114

Symeonidis A. L., Kehagias D., Mitkas P. A., and Koumpis A., 2006, Open Source Supply Chains, International Journal of Advanced Manufacturing Systems (IJAMS) 1, 1, 33-42.

T. T. Zygiridis and T. D. Tsiboukis, "Design of Optimized FDTD Schemes for the Accurate Solution of EM Problems," IEEE Trans. Magn., vol. 42, no. 4, pp. 811-814, Apr. 2006.

T. T. Zygiridis, E. P. Kosmidou, K. P. Prokopidis, N. V. Kantartzis, C. S. Antonopoulos, K. I. Petras, and T. D. Tsiboukis, "Numerical Modeling of an Indoor Wireless Environment for the Performance Evaluation of WLAN Systems," IEEE Trans. Magn., vol. 42, no. 4, pp. 839-842, Apr. 2006.

T. V. Yioultsis, T. I. Kosmanis, T. T. Zygiridis, E. P. Kosmidou, A. Pyrpasopoulou, T. D. Xenos, N. J. Farsaris, V. Kotoula, P. M. Hytiroglou, G. Karkavelas, I. N. Magras, T. D. Tsiboukis, "An Integrated Computational and Experimental Approach of Low Power Microwave Pulse-Modulated Nonthermal Biological Effects on Prenatal Development," WSEAS Trans. Commun., vol. 5, no. 10, pp. 1995-2000, 2006.

Theodore G. Vasiliadis, George D. Sergiadis: "Wideband Printed Dipole Antenna Parasitically Enhanced with Over-an-Octave bandwidth. Dual-band Variant for WLAN Applications" Microwave and Optical Technology Letters (Wiley), Vol. 48, No.3, pp. 444-449, March 2006.

Yioultsis T.V., Kosmanis T.I., Zygiridis T.T., Kosmidou E.P., Pyrpasopoulou A., Xenos T.D., Farsaris N.J., Kotoula V., Hytiroglou P.M., Karkavelas G., Magras I.N., Tsiboukis T.D., 2006, An integrated computational and experimental approach of low power microwave pulse-modulated nonthermal biological effects on prenatal development, WSEAS Transactions on Communications 5, 10, 1995-2000.

Z. Doulgeri, A. Golfakis, Non-linear manipulation control of a compliant object by dual fingers, Journal of Dynamic Systems, Measurement and Control, Vol. 128, pp. 473-481, 2006.

Z. Doulgeri, S. Tzortzidou, G. Hassapis, Teaching robotics through an e-learning environment that allows the application of e-tutoring guidelines and supports telelab operations, WSEAS Transactions on Information Science and Applications Vol.3 No. 11, pp. 2107-2113, 2006

Z. Doulgeri, T. Matiakis, A web telerobotic system to teach industrial robot planning and control, IEEE Trans. On Education, Vol. 49, No. 2, pp. 263-270, 2006.

Zoe Doulgeri, Stella Tzortzidou, George Hassapis, 2006, Teaching Robotics through an E-Learning Environment that allows the Application of E-Tutoring Guidelines and Supports Telelab Operations, Transactions on Information Science and Applications, , 11, 2107- 2113,.

Zoe Doulgeri, Stella Tzortzidou, George Hassapis, 2006, Teaching Robotics through an E-Learning Environment that allows the Application of E-Tutoring Guidelines and Supports Telelab Operations, Transactions on Information Science and Applications, , 11, 2107- 2113,.

Τμήμα Ηλεκτρολόγων Μηχανικών και Μηχανικών Υπολογιστών

Zografopoulos D.C., Kriezis Em.E., Tsiboukis T.D., 2006, Photonic crystal-liquid crystal fibers for single-polarization or high-birefringence guidance, *Optics Express* 13, 2, 914-925.

Zografopoulos D.C., Kriezis Em.E., Tsiboukis T.D., 2006, Tunable highly birefringent bandgap-guiding liquid-crystal microstructured fibers, *IEEE Journal of Lightwave Technology* 24, 9, 3427-3432.

Zygiridis T.T., Kosmidou E.P., Prokopidis K.P., Kantartzis N.V., Antonopoulos C.S., Petras K.I., Tsiboukis T.D., 2006, Numerical modeling of an indoor wireless environment for the performance evaluation of WLAN systems, *IEEE Transactions on Magnetics* 42, 4, 839-842.

Zygiridis T.T., Tsiboukis T.D., 2006, Design of optimized FDTD schemes for the accurate solution of EM problems, *IEEE Transactions on Magnetics* 42, 4, 811-814.

Άρθρα σε πρακτικά συνεδρίων με κριτές

2001

- A. Dimitriou, T. Vasiliadis, G. Sergiadis: "Traffic behavior simulation of a DECT technology network" 3G Infrastructure and Services International Symposium, Athens, July 2001.
- A. Dimitriou, T. Vasiliadis, G. Sergiadis: "Development of a wireless communications planning tool for optimizing indoor coverage areas" 3G Infrastructure and Services International Symposium, Athens, July 2001.
- A. Pyrpasopoulou, V. Kotoula, A. Heva, P. Hytiroglou, I. Magras, T. Xenos, T. D. Tsiboukis, G. Karkavelas, "Electromagnetic Field-Induced Upregulation and Expression of Bone Morphogenetic Proteins 2, 4, and 7 in the Kidney and Lung of the Rat Embryo," Eur. Congress of Pathology, Berlin, Germany, 2001.
- C. D. Saragiotis and L. J. Hadjileontiadis, "Diagnosis of pulmonary diseases using innovative signal processing of lung sounds: a joint Greek-German project to intensify the collaboration and exchange of young scientists (IKYDA 2000)," Proceedings of IEEE Symposium Extra Skills for Young Engineers, Maribor, Slovenia, Oct. 2001.
- D. Dranidis, E. Kehris, Z. Doulgeri, Using reinforcement learning to generate production schedules, Proceedings of the 17th International Logistics Congress, Thessaloniki, Greece, October 18-20, 2001, pp. 81-90.
- G. Hassapis, 2001, Monitoring Timing Behavior of Multi-Task Programs Running on Industrial Computers, Proceedings IMTC /2001, Budapest Hungary, May 21-23.
- G. Hassapis, 2001, Monitoring Timing Behavior of Multi-Task Programs Running on Industrial Computers, Proceedings IMTC /2001, Budapest Hungary, May 21-23.
- I. Chalkiadakis, G.A. Rovithakis, M. Zervakis, "A structural genetic algorithm to optimize high order neural network architecture", Proc. of the European Symposium on Artificial Neural Networks, ESANN'2001, Belgium, 2001.
- K. I. Panoulas, L. J. Hadjileontiadis, and S. M. Panas, "Enhancement of R-Wave Detection in ECG Data Analysis Using Higher-Order Statistics," 23rd International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC'01), Istanbul, Turkey, October 2001.
- Kantartzis N.V., Gkatzianas M.A., Kosmanis T.I., Tsiboukis T.D., 2001, Analysis of multipoint waveguide structures by a higher-order FDTD methodology based on non-orthogonal curvilinear grids, Proceedings of the IEEE MTT-S IMS, Phoenix.
- Kantartzis N.V., Katsibas T.K., Antonopoulos C.S., Tsiboukis T.D., 2001, Unified development of well-posed curvilinear perfectly matched layers for 3-D low frequency electromagnetic and advective acoustic FDTD simulations,

Proceedings of the ISEF, Cracow.

Kantartzis N.V., Zygiridis T.T., Tsiboukis T.D., 2001, A nonstandard higher-order FDTD algorithm for 3-D arbitrarily and fractal-shaped antenna structures on general curvilinear lattices, Proceedings of the IEEE COMPUMAG, Evian.

Kosmanis T.I., Tsiboukis T.D., 2001, "A conformal FDTD algorithm for the simulation of curved dielectric interfaces in three-dimensional grids, Proceedings of the ISEF, Cracow.

Kosmanis T.I., Tsiboukis T.D., 2001, A systematic conformal FDTD technique for the simulation of arbitrarily curved interfaces between dielectrics, Proceedings of the IEEE COMPUMAG, Evian.

Kosmanis T.I., Tsiboukis T.D., 2001, Analysis of microstrips and partially filled waveguide structures of non-planar dielectric interface using a conformal FDTD technique, Proceedings of the International Symposium ELECTROSOFT, Lemnos.

L. J. Hadjileontiadis, K. I. Panoulas, T. Penzel, and S. M. Panas, "Performance of three QRS Detection Algorithms During Sleep: A Comparative Study," 23rd International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC'01), Istanbul, Turkey, October 2001.

Mademlis C. and Agelidis V. "A High-Performance Vector Controlled Interior PM Synchronous Motor Drive with Extended Speed Range Capability", 27th Annual Conference of IEEE Industrial Electronics Society, IECON'01, Denver Colorado, pp. 1475-1482, Nov. 2001.

N. Hatziargyriou, G. Contaxis, M. Matos, J. A. Pecas Lopes, G. Kariniotakis, D. Mayer, J. Halliday, G. Dutton, P. Dokopoulos, A. Bakirtzis, J. Stefanakis, A. Gigantidou, P. O'Donnel, D. McCoy, M.J. Fernandes and J.M.S. Cotrim, "More Care' Advice for Secure Operation of Isolated Power Systems with Increased Renewable Energy Penetration and Storage", European Wind Energy Conference (EWEC), 2001.

N. Hatziargyriou, G. Contaxis, M. Matos, J. A. Pecas Lopes, G. Kariniotakis, D. Mayer, J. Halliday, G. Dutton, P. Dokopoulos, A. Bakirtzis, J. Stefanakis, A. Gigantidou, P. O'Donnel, D. McCoy, M.J. Fernandes and J.M.S. Cotrim, "Preliminary Results from the More Advanced Control Advice Project for Secure Operation of Isolated Power Systems with Increased Renewable Energy Penetration and Storage", Porto Power Tech, 2001.

N. V. Kantartzis, M. A. Gatzianas, T. I. Kosmanis, and T. D. Tsiboukis, "Analysis of Multiport Waveguide Structures by a Higher-Order FDTD Methodology Based on Non-Orthogonal Curvilinear Grids," IEEE MTT-S IMS 2001, Phoenix, Arizona, 2001.

N. V. Kantartzis, T. K. Katsibas, C. S. Antonopoulos, and T. D. Tsiboukis, "Unified Development of Well-Posed Curvilinear Perfectly Matched Layers for

- 3-D Low Frequency Electromagnetic and Advective Acoustic FDTD Simulations," Int. Symp. Electromagn. Fields in Electr. Eng. (ISEF), Cracow, Poland, 2001.
- N. V. Kantartzis, T. T. Zygiridis, and T. D. Tsiboukis, "A Nonstandard Higher-Order FDTD Algorithm for 3-D Arbitrarily and Fractal-Shaped Antenna Structures on General Curvilinear Lattices," IEEE COMPUMAG, Evian, France, 2001.
- P. A. Kaplanis, C. S. Pattichis, L. J. Hadjileontiadis, and S. M. Panas, "Analysis of surface EMG using second and third order statistics/spectra – based parameters," Proc. of IX Mediterranean Conference on Medical and Biological Engineering and Computing - MEDICON 2001, vol. I, pp. 348-351, 12-15 June, 2001, Pula, Croatia.
- Pyrpasopoulou A., Kotoula V., Heva A., Hytiroglou P., Magras I., Xenos T.D., Tsiboukis T.D., Karkavelas G., 2001, Electromagnetic field-induced upregulation and expression of bone morphogenetic proteins 2, 4, and 7 in the kidney and lung of the rat embryo, Proceedings of the European Congress of Pathology, Berlin.
- T. I. Kosmanis and T. D. Tsiboukis, "A Conformal FDTD Algorithm for the Simulation of Curved Dielectric Interfaces in Three-Dimensional Grids," Int. Symp. Electromagn. Fields in Electr. Eng. (ISEF), Cracow, Poland, 2001.
- T. I. Kosmanis and T. D. Tsiboukis, "A Systematic Conformal FDTD Technique for the Simulation of Arbitrarily Curved Interfaces between Dielectrics," IEEE COMPUMAG, Evian, France, 2001.
- T. I. Kosmanis and T. D. Tsiboukis, "Analysis of Microstrips and Partially Filled Waveguide Structures of Non-Planar Dielectric Interface Using a Conformal FDTD Technique," Int. Symp. ELECTROSOFT 2001, Lemnos, Greece, 2001.
- T. V. Yioultis, T. I. Kosmanis, E. P. Kosmidou, T. T. Zygiridis, N. V. Kantartzis, T. D. Xenos, and T. D. Tsiboukis, "A Comparative Study of the Biological Effects of Various Mobile Phone and Wireless LAN Antennas," IEEE COMPUMAG, Evian, France, 2001.
- V. Gross, L. J. Hadjileontiadis, T. Penzel, U. Köhler, P. von Wichert, and C. Vogelmeier "The wavelet transformation for the detection of pathological lung sounds," International Lung Sounds Association Conference 2001, Berlin, Germany, 20-21 September 2001.
- V. Gross, L. J. Hadjileontiadis, U. Koehler, T. Penzel, and C. Vogelmeier, "Detektion von Pathologischen Lungengeräuschen bei Patienten mit Pneumonie," Medizinische Physik 2001, Jahrestagung der Deutschen Gesellschaft für Medizinische Physik, Berlin, Germany, ISBN 3-89391-960-0: 447-448, 23.-26. 14-16, 2001.
- V. N. Ikonomidou, G. D. Sergiadis: "Pulse shaping for localized magnetic resonance tagging" IEEE EMBC 2001, Istanbul, Turkey, October 2001.

Τμήμα Ηλεκτρολόγων Μηχανικών και Μηχανικών Υπολογιστών

Yioultsis T.V., Kosmanis T.I., Kosmidou E.P., Zygidis T.T., Kantartzis N.V., Xenos T.D., Tsiboukis T.D., 2001, A comparative study of the biological effects of various mobile phone and wireless LAN antennas, Proceedings of the IEEE COMPUMAG, Evian.

Ευθυμιάδης Κ.Γ., Χατζηβασιλείου Σ.Χ., Φράγκου Α.Β., Λιτσαρδάκης Γ., Τσουκαλάς Ι.Α., Gjioka M. και Hesse J., Μελέτη της κρυσταλλικής δομής και των μαγνητικών ιδιοτήτων σε ταινίες κραμάτων $Nd_{7.7}Fe_{92.3-x-y}Ti_xNb_y$, 17ο Πανελλήνιο Συνέδριο Φυσικής Στερεάς Κατάστασης, Ξάνθη, 9/2001

Κατεμλιάδης Σ. και Λιτσαρδάκης Γ., Μελέτη θερμικών διεργασιών σύνθεσης κεραμικών υπεραγωγών $Y-Ba-Cu-O$, 17ο Πανελλήνιο Συνέδριο Φυσικής Στερεάς Κατάστασης, Ξάνθη, 9/2001

Κατεμλιάδης Σ., Στεργίου Α.Χ., Παυλίδου Ε., Γεωργίου Ι. και Λιτσαρδάκης Γ., Κεραμικοί υπεραγωγοί $YBa_2Cu_3O_y$ με $K, Na - O$ ρόλος των αλκαλίων, 17ο Πανελλήνιο Συνέδριο Φυσικής Στερεάς Κατάστασης, Ξάνθη, 9/2001

Οικονόμου Α., Γιούλτσης Τ., Ξένος Θ. και Λιτσαρδάκης Γ., Σύνθετα υλικά διπλής επίστρωσης για μικροκυματική απορρόφηση, 17ο Πανελλήνιο Συνέδριο Φυσικής Στερεάς Κατάστασης, Ξάνθη, 9/2001

Χατζηαποστολίδου Δ., Χρυσάφης Χ., Καλογήρου Ο., Μακρίδης Σ., Στεργίου Α.Χ. και Λιτσαρδάκης Γ., Σύνθεση, δομικές και μαγνητικές ιδιότητες των διαμεταλλικών ενώσεων $R_2(Fe_{1-x}Co_x)_{17-y}V_y$ ($R=Tb, Dy$), 17ο Πανελλήνιο Συνέδριο Φυσικής Στερεάς Κατάστασης, Ξάνθη, 9/2001

2002

Agelidis V. and Mademlis C., "Offshore Wind Turbines, Associated Drive Technology and Novel Multilevel Converter-Based HVDC Grid Connections" IEE International Conference MedPower 2002, Athens, Greece, Nov. 2002.

Ananidou D., Hassapis G., Kleftouris D., 2002, A Petri Net formalism modeling the execution of application software on an industrial computer", International Conference on Software Engineering Research and Practice (SERP 02), Las Vegas, June 24-27,.

Ananidou D., Hassapis G., Kleftouris D., 2002, A Petri Net formalism modeling the execution of application software on an industrial computer", International Conference on Software Engineering Research and Practice (SERP 02), Las Vegas, June 24-27,.

C. Liatsos, L. J. Hadjileontiadis, C. Mavrogiannis, D. Patch, S. M. Panas, and A. K. Burroughs, "Bowel sound analysis: a novel non-invasive method for diagnosis of small volume ascites," World Congress of Gastroenterology WCOG 2002, Bangkok, Thailand, 2002, 17(Suppl), A778(PPM001). (1st Presidential Poster Award – Included in special CD-ROM published by Marathon International)

correlator for on-line transit time estimation, in Proceedings of the "Specialists Meeting on Reactor Noise IV", Goteborg, Sweden, May 27th-31st, 2002

D. Ananidou, G. Hassapis and D. Kleftouris, 2002, Design, Testing and Verification of Application Software for Industrial Computers, International Conference on Computer Science and Information Technologies (CSIT 2002), Patras Greece, 29- 30 July,.

D. Ananidou, G. Hassapis and D. Kleftouris, 2002, Design, Testing and Verification of Application Software for Industrial Computers, International Conference on Computer Science and Information Technologies (CSIT 2002), Patras Greece, 29- 30 July,.

E. P. Kosmidou, T. I. Kosmanis, and T. D. Tsiboukis, "A Comparative FDTD Study of Various PML Configurations for the Termination of Nonlinear Photonic Bandgap Waveguide Structures," IEEE CEFC, Perugia, Italy, 2002.

G. Hassapis, 2002, "Stability of Network-Controlled Processes", 4th International Conference on Technology and Information, 5&6 October, Thessaloniki, , pp. 63-68.

G. Papafotiou, N. Margaris, H^∞ Discrete Time Control for the Buck dc-dc Converter, IEEE 2002 International Conference on Industrial Electronics, Control and Instrumentation, IECON-2002, Sevilla, Spain , Nov. 2002.

G. Papafotiou, N. Margaris, Instability of the Buck dc-dc Converter under PI Control , IASTED International Conference on Intelligent System and Control (ISC 2002) Tsukuba, Japan, Oct. 2002.

G. Papagiannis, D. Tsiमितros, D. Labridis, P. Dokopoulos: 'Influence Of Earth Stratification on Overhead Power Transmission Line Impedances. A Finite Element Approach', Proceedings of the MedPower 02 Conference, November 4-6, 2002, Athens,Greece, pp. 1- 6.

H. Baran, V. Gross, L. J. Hadjileontiadis, U. Koehler, and T. Penzel, "Marburg respiratory sounds (MARS) database," Proc. of 27th Annual Congress of International Lung Sound Association 2002, 12-13 September, 2002, Stockholm-Helsinki.

Hassapis, 2002, "Stability of Network-Controlled Processes", 4th International Conference on Technology and Information, 5&6 October, Thessaloniki, , pp. 63-68.

I. K. Kitsas, L. J. Hadjileontiadis, and S. M. Panas, "Short-term analysis of heart-rate variability using wavelet-packets: an efficient detector of sleep apnoea episodes," Proc. of IEEE EMBS-BMES 2002, pp. 126-127, 23-26 October, 2002, Houston TX, USA.

I. K. Kitsas, L. J. Hadjileontiadis, S. M. Panas, V. Gross, and T. Penzel, "Wavelet-packet based short-term analysis of heart-rate variability for sleep apnoea episodes," Proc. of EMBEC'02, vol. 3, part 1, pp. 358-359, 4-8 December 2002, Vienna, Austria.

I. K. Kitsas, L. J. Hadjileontiadis, V. Gross, T. Penzel, and S. M. Panas, "Efficient extraction of fine/coarse crackles and squawks from lung sound

recordings using wavelet packets and higher-order statistics," Proc. of 12th European Respiratory Society Annual Conference, 14-18 September, 2002, Stockholm, Eur. Respir. J 2002, vol. 20, no. Suppl. 38, p. 33s.

I. K. Kitsas, L. J. Hadjileontiadis, V. Gross, T. Penzel, and S. M. Panas, "Wavelet-packets and higher-order statistics: on efficiently de-noising discontinuous lung sounds," Proc. of ILSA 2002, 12-13 September, 2002, Stockholm-Helsinki.

I. K. Vlachos, G. D. Sergiadis: "Automated Image Enhancement Algorithm Based on Optimization of Generalized Fuzzy Entropies (GFEs)" 5th International FLINS Conference on Computational Intelligent Systems for Applied Research, Ghent, Belgium, September 2002.

I.G. Damousis, A.G. Bakirtzis and P.S. Dokopoulos, "Network-Constrained Economic Dispatch using real-coded Genetic Algorithm", Med Power 2002, Nov. 4-6, 2002 Athens, Greece.

J. Fasoulas, Z. Doulgeri, Object stable grasping control by dual robotic fingers with soft rolling contacts. IEEE International Conference on Robotics and Automation, ICRA 2002, May 11-15, 2002, Washington DC, USA, pp. 1578-1583.

K. A. Tsolis, V. N. Ikonomidou, G. D. Sergiadis: "Short-time SVD Analysis of Action Potentials generated under Pulsed EMFs" 2nd International Workshop on Biological Effects of Electromagnetic Fields, Rhodes, Greece, 7-11 October 2002.

K. J. Panoulas, L. J. Hadjileontiadis, V. Gross, Th. Penzel, and S. M. Panas, "Integrated system for telemedical applications through cellular data channel," Telemedicine in Care Delivery - Technology and Application, Pisa, June 2002.

K. P. Prokopidis, N. V. Kantartzis, and T. D. Tsiboukis, "Performance Optimization of the PML Absorber in Lossy Media via Closed-Form Expressions of the Reflection Coefficient," IEEE CEFC, Perugia, Italy, 2002.

Kantartzis N.V., Zygidis T.T., Tsiboukis T.D., 2002, Higher-order tangential vector finite elements for complicated 3-D antenna array structures, Proceedings of the International Workshop on Finite Elements for Microwave Engineering, Chios.

Kechagias D., Symeonidis A., Mitkas P., 2002, Towards improving Multi-Agent Simulation in safety management and hazard control environments, 2002 AI, Simulation and Planning in High Autonomous Systems - AIS'2002, Lisbon, Portugal.

Kosmidou E.P., Kosmanis T.I., Tsiboukis T.D., 2002, A comparative FDTD study of various PML configurations for the termination of nonlinear photonic bandgap waveguide structures, Proceedings of the IEEE CEFC, Perugia.

Τμήμα Ηλεκτρολόγων Μηχανικών και Μηχανικών Υπολογιστών

L. J. Hadjileontiadis and I. T. Rekanos, "Fractal dimension: a simple tool for efficient detection of discontinuous lung sounds," Proc. of ILSA 2002, 12-13 September, 2002, Stockholm-Helsinki.

L. J. Hadjileontiadis and I. T. Rekanos, "On efficiently detecting fine/coarse crackles and squawks in lung sound recordings by means of fractal dimension," Proc. of 12th European Respiratory Society Annual Conference, 14-18 September, 2002, Stockholm, Eur. Respir. J 2002, vol. 20, no. Suppl. 38, p. 33s.

Mademlis C. and Agelidis V. "Wide Speed Operation of Synchronous Reluctance Motor Drives with a High-Performance Current Regulation Control Scheme" IEE International Conference MedPower 2002, Athens, Greece, Nov. 2002.

Mademlis C. and Kioskeridis I. "Optimal Control in Switched Reluctance Motor Drives" IEE International Conference MedPower 2002, Athens, Greece, Nov. 2002.

Makridis S., Litsardakis G., Panagiotopoulos I., Niarchos D., Zhang Y. and Hadjipanayis G.C., Nanocomposite melt-spun Sm-Co-Fe-Zr-B-[Cu,Ni] 1:7.5 type magnets with high coercivity, 17th International Workshop on Rare-Earth Magnets and their Applications, Newark, 8/2002, ed. G.C.Hadjipanayis, Rinton Press, 2002, pp.947-953

N. Hatziaargyriou, G. Contaxis, M. Matos, J. A. Pecas Lopes, G. Kariniotakis, D. Mayer, J. Halliday, G. Dutton, P. Dokopoulos, A. Bakirtzis, J. Stefanakis, A. Gigantidou, P. O'Donnel, D. McCoy, M.J. Fernandes, J.M.S. Cotrim and A.P. Figueira, "Energy Management and Control of Island Power Systems with Increased Penetration from Renewable Sources", presented at the IEEE Power Engineering Society Winter Meeting, 2002.

N. V. Kantartzis, T. T. Zygiridis, and T. D. Tsiboukis, "Higher-Order Tangential Vector Finite Elements for Complicated 3-D Antenna Array Structures," Int. Workshop Finite Elements for Microwave Eng., Chios, Greece, 2002.

P.N. Biskas and A.G. Bakirtzis, "Decentralized congestion management of interconnected power systems", Med Power 2002, Nov. 4-6, 2002 Athens, Greece.

Prokopidis K.P., Kantartzis N.V., Tsiboukis T.D., 2002, Performance optimization of the PML absorber in lossy media via closed-form expressions of the reflection coefficient, Proceedings of the IEEE CEFC, Perugia.

S. Goumas, G. A. Rovithakis, M. Zervakis, "A Bayesian Image Analysis Framework for Post Placement Quality Inspection of Components", Proc. of IEEE ICIP 2002, Rochester USA, Sep. 2002.

Symeonidis A., Mitkas P., Kechagias D., 2002, Mining patterns and rules for improving agent intelligence through an integrated multi agent platform,

Τμήμα Ηλεκτρολόγων Μηχανικών και Μηχανικών Υπολογιστών

Proceedings of 6th IASTED International Conf. on Artificial Intelligence and Soft Computing (ASC 2002), Banff, Alberta, Canada, 48-53.

Tambouratzis T., Antonopoulos-Domis M., (2002). "A non-stationary signal

U. Koehler, V. Gross, L. J. Hadjileontiadis, T. Penzel, and C. F. Vogelmeier, "Median frequency of lung sounds for continuous detection of bronchial obstruction," Telemedicine in Care Delivery - Technology and Application, Pisa, pp. 415, June 2002.

V. Gross, H. Baran, L. J. Hadjileontiadis, U. Koehler, T. Penzel and C. Vogelmeier "Lung sound database for biosignal analysis," Proc. of EMBE'02, vol. 1, part 1, pp. 528-529, 4-8 December 2002, Vienna, Austria.

V. Gross, L. J. Hadjileontiadis, K. Mack, T. Penzel, U. Koehler, and C. Vogelmeier, "Lung sound based parameters for long-term pneumonia-monitoring," J. Eur Respir, vol. 20 (Suppl. 38), pp. 86s, 2002.

V. Gross, L. J. Hadjileontiadis, T. Penzel, U. Koehler, and C. F. Vogelmeier, "Tele-education in the analysis of lung sounds," Telemedicine in Care Delivery - Technology and Application, Pisa, pp. 123, June 2002.

V. Gross, T. Penzel, L. J. Hadjileontiadis, and U. Koehler, "Wavelet based lung sound analysis," in: Jan J, Kozumplik J, Provaznik I (eds) Analysis of Biomedical Signals and Images. Proc. of the 16th International EURASIP Conference Biosignal 2002, Vutium Press, Brno, pp. 150-152, 2002.

V. Gross, T. Penzel, L. J. Hadjileontiadis, U. Koehler, and C. Vogelmeier, "Electronic auscultation based on wavelet transformation in clinical use," Proc. of IEEE EMBS-BMES 2002, pp. 1531-1532, October, 2002, Houston TX, USA.

V. N. Ikonomidou, G. D. Sergiadis: "Constant Gradient Localized Variable SPAMM 1-1 Tagging" 2nd European Medical and Biological Engineering Conference, Vienna, Austria, December 2002.

V. N. Ikonomidou, G. D. Sergiadis: "Localized Variable DANTE MR Tagging" 2nd European Medical and Biological Engineering Conference, Vienna, Austria, December 2002.

V. N. Ikonomidou, G. D. Sergiadis: "A hybrid DANTE approach to variable tagging sequence design" 19th Annual Scientific Meeting – ESMRMB 2002, Cannes, France, August 2002.

Yioultsis T.V., Tsiboukis T.D., 2002, Optimization of convergence characteristics for the higher-order Whitney element analysis of microwave structures, Proceedings of the International Workshop on Finite Elements for Microwave Engineering, Chios.

Z. Doulgeri, J. Fasoulas, Dynamics, contact motion and control of dual arm object manipulation with soft rolling fingertips, Proceedings of IMECE'02, 2002

Τμήμα Ηλεκτρολόγων Μηχανικών και Μηχανικών Υπολογιστών

ASME International Mechanical Engineering Congress and Exposition, New Orleans, Louisiana, November 17-22, 2002.

Z. Doulgeri, J. Fasoulas, Stable grasping control under gravity by dual robotic fingers with soft rolling contacts, IEEE/RSJ International Conference on Intelligent Robots and Systems, IROS 2002, October 2-4, 2002, Lausanne, Switzerland, pp. 1681-1686

Zygiridis T.T., Kantartzis N.V., Yioultsis T.V., Tsiboukis T.D., 2002, Higher-order approaches of FDTD and TVFE methods for accurate analysis of fractal antenna arrays, Proceedings of the IEEE CEFC, Perugia.

Γ. Παπαγιάννης, Π. Ντοκόπουλος: 'Σύστημα διαχείρισης ηλεκτρικής ενέργειας βασισμένο σε επικοινωνία μέσα από το δίκτυο ισχύος', Διεθνές Συνέδριο ΕΝΕΡΓΕΙΑ 2002, ΠΣΔΜΗ – ASME, Προσυνέδριο Κοζάνης, 21-23 Μαρτίου 2002, Κοζάνη.

E.Simeonidis, D. Kleftouris, D. Ananidou and G. Hassapis, 2002, "Using Colored Petri Nets to modeling the dynamic behavior of the application software of a real-time system", 4th International Conference on Technology and Information, 5&6 October, Thessaloniki, 100-106,.

E.Simeonidis, D. Kleftouris, D. Ananidou and G. Hassapis, 2002, "Using Colored Petri Nets to modeling the dynamic behavior of the application software of a real-time system", 4th International Conference on Technology and Information, 5&6 October, Thessaloniki, 100-106,.

Μακρίδης Σ., Λιτσαρδάκης Γ., Παναγιωτόπουλος Ι., Νιάρχος Δ. και Givord D., Μελέτη της μαγνητικής συμπεριφοράς σε σχέση με τον χρόνο και την θερμοκρασία σε υλικά μονίμων μαγνητών Sm-Co, 18ο Πανελλήνιο Συνέδριο Φυσικής Στερεάς Κατάστασης, Ηράκλειο, 9/2002

Μακρίδης Σ., Λιτσαρδάκης Γ., Παυλίδου Ε., Χρυσάφης Κ., Ευθυμιάδης Κ., Παπαθανασίου Γ., Σεμιτέλου Ι., Παναγιωτόπουλος Ι., Νιάρχος Δ., Zhang Y. και Hadjirapayis G.C., Σύνθεση και μελέτη συμπαγών και νανοσύνθετων υλικών τύπου Sm(Co,Fe,Cu,Zr)_{7.5} με βόριο, για εφαρμογές μονίμων μαγνητών υψηλών θερμοκρασιών, 18ο Πανελλήνιο Συνέδριο Φυσικής Στερεάς Κατάστασης, Ηράκλειο, 9/2002

T. V. Yioultsis and T. D. Tsiboukis, "Optimization of Convergence Characteristics for the Higher-Order Whitney Element Analysis of Microwave Structures," Int. Workshop Finite Elements for Microwave Eng., Chios, Greece, 2002.

T. T. Zygiridis, N. V. Kantartzis, T. V. Yioultsis, and T. D. Tsiboukis, "Higher-Order Approaches of FDTD and TVFE Methods for Accurate Analysis of Fractal Antenna Arrays," IEEE CEFC, Perugia, Italy, 2002.

2003

A. Papadimitropoulos, G.A. Rovithakis, T. Parisini, "Fault Detection in Mechanical Systems with Friction Phenomena: An On-line Neural Approximation Approach", Proc. SAFEPROCESS 2003, Washington USA, 2003.

A. Papadimitropoulos, G.A. Rovithakis, T. Parisini, "Neural Approximators for Fault Detection of Actuators in the Presence of Friction : The Case of DAMADICS Benchmark Problem", Proc. SAFEPROCESS 2003, Washington USA, 2003.

Athanasiadis I. N., Kaburlasos V. G., Mitkas P. A., and Petridis V., 2003, Applying Machine Learning Techniques on Air Quality Data for Real-Time Decision Support, Proceedings of the First International NAISO Symposium on Information Technologies in Environmental Engineering (ITEE'2003), Gdansk, Poland.

Athanasiadis I. N., Mitkas P. A., G. B. Laleci and Y. Kabak "Embedding data-driven decision strategies on software agents: The case of a Multi-Agent System for Monitoring Air-Quality Indexes" in Proc. of the 10th ISPE International Conference on Concurrent Engineering: Research and Applications, 26-30 July 2003, Madeira, Portugal, Vol. on Enhanced Interoperable Systems, pp. 23-30.

B. Nilsson, P. Dokopoulos, G. Papagiannis, D. Tampakis, G. Bianconi, G. Fabozzi: 'A PLC-Based Electrical Energy Consumption Management System. Preliminary Field Test Results', Proceedings of the 7th International Symposium on Powerline Communications, vol. 1, pp. 10-15, Kyoto Japan, 26-28 March 2003.

Banos G., Mitkas P., Abas Z., Symeonidis A., Milis G., and Emanuelson U., 2003, Quality Control of National Genetic Evaluation Results Using Data-Mining Techniques; A Progress Report, Proceedings of the Interbull Annual Meeting, Rome, Italy, Vol. 31, 8-15.

C. N. Liatsos, L. J. Hadjileontiadis, S. Theocharis, E. Petridou, A. Margeli, I. Georgouvia, S. Philippidis, C. Mavrogiannis, and M. Mykoniatis, "Estimating liver regeneration in partially hepatectomized Alloxan diabetic rats using higher-order crossings," Proc. of the 11th United European Gastroenterology Week - UEGW 2003, 1-5 November, 2003, Madrid, Spain.

D. A. Tsiamitros, N. Lettas, G. K. Papagiannis, D. Tampakis: 'A PLC-Based Energy Consumption Management System. Field Tests and Simulation Results', Proceedings of the 38th Universities Power Engineering Conference (UPEC), 1-3 September 2003, Thessaloniki, Greece, Vol. 2. pp. 417-420.

E. P. Kosmidou and T. D. Tsiboukis, "An Unconditionally Stable Stable ADI-FDTD for Nonlinear Materials," ISTET, Warsaw, Poland, 2003.

G. D. Sergiadis, C. A. Stassinopoulos: "Consequences of Overhead Lines in Public Health" 38th International Universities Power Engineering Conference UPEC2003 - Thessaloniki, Greece, 1-3 September 2003.

G. K. Papagiannis, D. A. Tsiamitros, G. T. Andreou, D. P. Labridis, P. S. Dokopoulos: 'Earth Return Path Impedances Of Underground Cables For The Multi-Layer Case- A Finite Element Approach' , Power Tech Conference Proceedings, 2003 IEEE Bologna, 23-26 June 2003 Page(s): 7 pp. Vol.3 , doi: 10.1109/PTC.2003.1304514.

G. Karagiannis, Sister Daniilia, Chr. Salpistis, Y. Chryssoulakis, G. Sergiadis: "Simulation of the light backscatter from the paint layers of artworks using non-destructive UV/VIS/nIR spectroscopy and signal processing theory (A first approach)" 3rd International Conference on NDT 15 - 17 October 2003, Chania – Crete, Greece.

G. T. Andreou, D. P. Labridis, G. K. Papagiannis: 'Modeling of low voltage distribution cables for powerline communications', Power Tech Conference Proceedings, 2003 IEEE Bologna, 23-26 June 2003 Pages: 6 Vol.2, doi:10.1109/PTC.2003.1304320.4.3.7.

Hatzidamianos G., Diplaris S., Athanasiadis I., and Mitkas P. A., 2003, GenMiner: A data mining tool for protein analysis", Proceedings of 9th Panhellenic Conference on Informatics, Thessaloniki, Greece, 346-360.

I. K. Kitsas, L. J. Hadjileontiadis, I. N. Papakonstantinou, and C. Kotzamanidis, "MYOS: An efficient multi-channel EMG data acquisition and analysis system," Proc. of 25th IEEE EMBS 2003, 17-21 September, 2003, Cancun, Mexico.

I. Kotini, G. Hassapis, 2003, Modelling and Performance Evaluation of Hybrid Systems, Proceedings of the 1st South European Workshop on Formal Methods (SEEFM 2003), Thessaloniki, Greece, 20 November, 21-35.

I. Kotini, G. Hassapis, 2003, Modelling and Performance Evaluation of Hybrid Systems, Proceedings of the 1st South European Workshop on Formal Methods (SEEFM 2003), Thessaloniki, Greece, 20 November, 21-35.

I. Kotini, G. Hassapis, I. Mavridis, 2003, Verification of Hybrid System Specifications using Linear Hybrid Automata, 7th WSEAS Multiconference on Circuits, Systems, Communications and Computers (CSCC 2003), Corfu, Greece, July 7-10,.

I.G. Damousis, A.G. Bakirtzis and P.S. Dokopoulos, "A Real-Coded Genetic Algorithm Solution of the Short-Term Hydrothermal Scheduling Problem", paper ISAP03/032 presented at the Intelligent Systems Application to Power Systems Conference, Aug. 31 – Sept. 3, 2003 Lemnos, Greece.

Ioannis K. Vlachos, George D. Sergiadis "Fuzzy Reasoning Scheme for Edge Detection Using Local Edge Information Based on Renyi's Entropy"

Τμήμα Ηλεκτρολόγων Μηχανικών και Μηχανικών Υπολογιστών

ISSPA2003, 7th International Symposium on Signal Processing and its Applications, 2003, Paris, France.

Ioannis K. Vlachos, George D. Sergiadis: "Adaptive Contrast Enhancement Based on the Fuzzy Histogram of the Image" IFSA2003, International Fuzzy Systems Association World Congress, 2003, Constantinople, Turkey.

Ioannis K. Vlachos, George D. Sergiadis: "Edge Detection by Fusion Using Local Information of Edges" ISIS2003 4th International Symposium on Advanced Intelligent Systems, 2003, Jeju Island, Korea.

Ioannis K. Vlachos, George D. Sergiadis: "Image Quality Indices Based on Fuzzy Discrimination Information" 5th Int. Conf. on Mathematical Methods & Computational Techn. in Electr. Engineering, 2003, Athens, Greece.

Ioannis K. Vlachos, George D. Sergiadis: "Quality Measures for Image Comparison Based on Correlation of Fuzzy Sets" ISIS2003, 4th International Symposium on Advanced Intelligent Systems, 2003, Jeju Island, Korea.

Kantartzis N.V., Katsibas T.K., Antonopoulos C.S., Tsiboukis T.D., 2003, A 3-D multimodal FDTD algorithm for electromagnetic and acoustic propagation in curved waveguides and bended ducts of varying cross section, Proceedings of the ISEF, Maribor.

Kantartzis N.V., Tsiboukis T.D., 2003, Higher-order non-standard FDTD modeling of complicated EMC structures in 3-D curvilinear lattices, Proceedings of the IEEE EMCS, Istanbul.

Kantartzis N.V., Tsiboukis T.D., Kriezis E.E., 2003, A topologically consistent class of 3-D higher-order curvilinear FDTD schemes for dispersion-optimized EMC and material modeling, Proceedings of the JAPMED, Athens.

Kantartzis N.V., Zygiridis T.T., Tsiboukis T.D., 2003, An unconditionally stable higher-order ADI-FDTD technique for the dispersionless analysis of generalized 3-D EMC structures, Proceedings of the IEEE COMPUMAG, Saratoga.

Kosmidou E.P., Tsiboukis T.D., 2003, An unconditionally stable ADI-FDTD for nonlinear materials, Proceedings of the ISTET, Warsaw.

Kotini, G. Hassapis, I. Mavridis, 2003, Verification of Hybrid System Specifications using Linear Hybrid Automata, 7th WSEAS Multiconference on Circuits, Systems, Communications and Computers (CSCC 2003), Corfu, Greece, July 7-10,.

L. J. Hadjileontiadis and I. T. Rekanos, "Enhancement of explosive bowel sounds using kurtosis-based filtering," Proc. of 25th IEEE EMBS 2003, 17-21 September, 2003, Cancun, Mexico.

L. J. Hadjileontiadis, I. T. Rekanos, and T. Penzel, "De-noising of discontinuous lung sounds using kurtosis-based filtering," Proc. of 28th

Annual Congress of International Lung Sound Association 2003, 15-16 September, 2003, Cancun, Mexico.

Milis G., Symeonidis A., and Mitkas P. A., 2003, Ergasiognomon: A Model System of Advanced Digital Services Designed and Developed to Support the Job Marketplace, Proceedings of 9th Panhellenic Conference in Informatics, Thessaloniki, Greece, 388-401.

Mitkas P. A., Kehagias D., Symeonidis A. L., and Athanasiadis I. N., 2003, A Framework for Constructing Multi-Agent Applications and Training Intelligent Agents, Proceedings of the 4th International Workshop on Agent-Oriented Software Engineering (AOSE-2003), held at Autonomous Agents & Multi-Agent Systems (AAMAS 2003), Melbourne, Australia, 1-16.

Mitkas P. A., Symeonidis A. L., Kehagias D., and Athanasiadis I., 2003, Application of Data Mining and Intelligent Agent Technologies to Concurrent Engineering, Proceedings of the 10th ISPE International Conference on Concurrent Engineering: Research and Applications, Madeira, Portugal, Vol. on Enhanced Interoperable Systems, 11-18.

N. V. Kantartzis and T. D. Tsiboukis, "Higher-Order Non-Standard FDTD Modeling of Complicated EMC Structures in 3-D Curvilinear Lattices," 2003 IEEE Int. Symp. Electromagn. Compat. (EMC-S), Istanbul, Turkey, 2003.

N. V. Kantartzis, T. D. Tsiboukis, and E. E. Kriezis, "A Topologically Consistent Class of 3-D Higher-Order Curvilinear FDTD Schemes for Dispersion-Optimized EMC and Material Modeling" Japanese-Mediterranean Workshop Appl. Electromagn. Eng. Magn. Supecond. Mat. (JAPMED), Athens, Greece, 2003.

N. V. Kantartzis, T. K. Katsibas, C. S. Antonopoulos, and T. D. Tsiboukis, "A 3-D Multimodal FDTD Algorithm for Electromagnetic and Acoustic Propagation in Curved Waveguides and Bended Ducts of Varying Cross Section," ISEF, Maribor, Slovenia, 2003.

N. V. Kantartzis, T. T. Zygidis, and T. D. Tsiboukis, "An Unconditionally Stable Higher-Order ADI-FDTD Technique for the Dispersionless Analysis of Generalized 3-D EMC Structures," IEEE COMPUMAG, Saratoga, USA, 2003.

P.N. Biskas and A.G. Bakirtzis, "Decentralized Congestion Management of Interconnected Power Systems", Proceedings of the 38th International Universities Power Engineering Conference (UPEC), 2003, Vol. 2, pp. 393-396.

P.N. Biskas, C.E. Zoumas and A.G. Bakirtzis, "Optimal Reactive Power Flow by Enhanced Genetic Algorithm, paper ISAP03/050 presented at the Intelligent Systems Application to Power Systems Conference, Aug. 31 – Sept. 3, 2003 Lemnos, Greece.

S. A. Taplidou, L. J. Hadjileontiadis, V. Gross, T. Penzel, and S. M. Panas, "On efficiently separating wheezes from breath sound recordings using

spectrogram analysis,” Proc. of 28th Annual Congress of International Lung Sound Association 2003, 15-16 September, 2003, Cancun, Mexico.

S. A. Taplidou, L. J. Hadjileontiadis, V. Gross, T. Penzel, and S. M. Panas, “WED: An efficient wheezing-episode detector based on breath sounds spectrogram analysis,” Proc. of 25th IEEE EMBS 2003, 17-21 September, 2003, Cancun, Mexico.

S. A. Taplidou, L. J. Hadjileontiadis, V. Gross, T. Penzel, and S. M. Panas, “Where is the wheeze?,” Press kit at the 13th European Respiratory Society Annual Conference, 27 September – 1 October, 2003, Vienna, published by Cedoss International (especially selected by the ERS Executive Committee and the ERS Communications Manager)

S. J. Hadjileontiadou and L. J. Hadjileontiadis, “Using ANFIS to efficiently model skills and beliefs in computer-mediated collaboration,” 1st Balkan Conference in Informatics (BCI2003), November 21 – 23, Thessaloniki, Greece.

S. J. Hadjileontiadou and L. J. Hadjileontiadis, “Using ANFIS to efficiently model skills and beliefs in computer-mediated collaboration,” 1st Balkan Conference on Informatics (BCI 2003) Thessaloniki, Greece, pp. 317-326, November 2003.

S. J. Hadjileontiadou, G. N. Nikolaidou, L. J. Hadjileontiadis, and George N. Balafoutas, “A fuzzy logic evaluating system to support web-based collaboration using collaborative and metacognitive data,” 3rd IEEE International Conference on Advanced Learning Technologies (ICALT-2003), July 9 – 11, 2003, Athens, Greece pp. 96-100. (Best full paper award)

S.J. Kiartzis and A.G. Bakirtzis, “Chebyshev Neural Network Application to Short-term Load Forecasting”, paper ISAP03/043 presented at the Intelligent Systems Application to Power Systems Conference, Aug. 31 – Sept. 3, 2003 Lemnos, Greece.

T. T. Zygiridis and T. D. Tsiboukis, “A Dispersion-Reduction Scheme for the Higher-Order (2,4) FDTD Method,” IEEE COMPUMAG, Saratoga, USA, 2003.

T. T. Zygiridis and T. D. Tsiboukis, “Phase Error Reduction in General FDTD Methods via Optimum Configuration of Material Parameters,” Japanese-Mediterranean Workshop Appl. Electromagn. Eng. Magn. Supecond. Mat. (JAPMED), Athens, Greece, 2003.

T. V. Yioultis, I. T. Rekanos, and T. D. Tsiboukis, “Investigation of Optimization Techniques for the Convergence Improvement of Higher-Order Whitney Element FEM in RF and Microwave Analysis,” IEEE COMPUMAG, Saratoga, USA, 2003.

T. Vasiliadis, A. Dimitriou, G. Sergiadis: “An efficient representation of combined indoor/outdoor 3D mobile radiocoverage” IEE 12th Intl. Conf. on Antennas & Propagation, ICAP2003, Exeter, UK, 31 March – 3 April 2003.

Τμήμα Ηλεκτρολόγων Μηχανικών και Μηχανικών Υπολογιστών

Theodoulidis T. and Mademlis C., "Study on Efficiency Improvement of Single-Phase Induction Motors", 38th International Univ. Power Eng. Conference, UPEC 2003, vol. 1, pp. 45-48, Thessaloniki, Greece, Sept. 2003.

V. Gross, C. Reinke, L. J. Hadjileontiadis, T. Penzel, U. Koehler, and C. Vogelmeier, "Validated lung sound database," Proc. of 13th European Respiratory Society Annual Conference, 27 September – 1 October, 2003, Vienna, Austria, Eur. Respir. J 2004, vol. 22, no. Suppl. 45, p. 446s.

V. Gross, T. Penzel, L. J. Hadjileontiadis, C. Reinke, U. Koehler, and C. Vogelmeier, "Is there a dependence between nocturnal wheezing and sleep-position?," Proc. of 28th Annual Congress of International Lung Sound Association 2003, 15-16 September, 2003, Cancun, Mexico.

V. N. Ikonomidou, G. D. Sergiadis: "Extended Multiple Periodicity Tagging Sequence" ISMRM 11th Annual Meeting, Toronto, Ontario, Canada, 10-16 May 2003.

Yioultsis T.V., Rekanos I.T., Tsiboukis T.D., 2003, Investigation of optimization techniques for the convergence improvement of higher-order Whitney element FEM in RF and microwave analysis, Proceedings of the IEEE COMPUMAG, Saratoga.

Zygiridis T.T., Tsiboukis T.D., 2003, A dispersion-reduction scheme for the higher-order (2,4) FDTD method, Proceedings of the IEEE COMPUMAG, Saratoga.

Zygiridis T.T., Tsiboukis T.D., 2003, Phase error reduction in general FDTD methods via optimum configuration of material parameters, Proceedings of the JAPMED, Athens.

Ευθυμιάδης Κ.Γ., Μακρίδης Σ.Σ., Χατζηβασιλείου Σ.Χ., Michele O., Σιάνου Α., Λιτσαρδάκης Γ. και Hesse J., Μελέτη της κρυσταλλικής και της μαγνητικής δομής κραμάτων Y-Nd-Fe-Nb, 19ο Πανελλήνιο Συνέδριο Φυσικής Στερεάς Κατάστασης και Επιστήμης Υλικών, Θεσσαλονίκη, 9/2003

Μακρίδης Σ.Σ., Λιτσαρδάκης Γ., Ευθυμιάδης Κ.Γ., Παναγιωτόπουλος Ι., Höfingger S., Fidler J., Hadjiranayis G.C. και Νιάρχος Δ., Νανοσύνθετες ταινίες διαμεταλλικών ενώσεων με υψηλό συνεκτικό πεδίο για εφαρμογές μονίμων μαγνητών υψηλών θερμοκρασιών, 19ο Πανελλήνιο Συνέδριο Φυσικής Στερεάς Κατάστασης και Επιστήμης Υλικών, Θεσσαλονίκη, 9/2003

Παπαχρήστου Σ., Μακρίδης Σ., Τζιμπιλής Ε., Μοσχούδης Ν., Λιτσαρδάκης Γ., Λιούτας Χ.Β., Φράγκης Ν. και Βουρουτζής Ν., Δομή και οξειδωτική κατάσταση του καταλυτικά ενεργού παλλαδίου για καύση μεθανίου στο σύστημα Pd/περοβσκίτης, 19ο Πανελλήνιο Συνέδριο Φυσικής Στερεάς Κατάστασης και Επιστήμης Υλικών, Θεσσαλονίκη, 9/2003

Στεργίου Α.Χ., Παπαδόπουλος-Εγγονόπουλος Β., Μακρίδης Σ., Λιτσαρδάκης Γ. και Μαραγκουδάκης Ν., Επίδραση του Mg στις υπεραγώγιμες ενώσεις του

τύπου $\text{Bi}_{2-x}\text{Pr}_x\text{Sr}_2\text{CaCu}_2\text{O}_y$ ($x=0.6, 0.7, \dots, 1.0$), 19ο Πανελλήνιο Συνέδριο Φυσικής Στερεάς Κατάστασης και Επιστήμης Υλικών, Θεσσαλονίκη, 9/2003

2004

A. Dagoumas, N. Lettas, G. Papagiannis, P. Dokopoulos: 'Economic And Environmental Impacts From The Implementation Of An Energy Consumption Management System At The European Level ', Proceedings of the MedPower04 Conference, Lemesos, Cyprus, November 14-17, 2004, pp. 1-9.

Athanasiadis I. N. and Mitkas P. A., 2004, Applying agent technology in environmental management systems under real-time constraints, Proceedings of the 2nd Biennial Meeting of the International Environmental Modelling and Software Society at "Environmental Informatics towards Citizen-centered Electronic Information Services" Workshop, Osnabruck, Germany, iEMSs, Vol. 2, 531-536, (Awarded the best student paper and presentation prize).

Athanasiadis I. N. and Mitkas P. A., 2004, Supporting the decision-making process in environmental monitoring systems with knowledge discovery techniques, Proceedings of the KDnet Symposium Knowledge Discovery for Environmental Management, Bonn, Germany, Vol. 3, 1-12.

Athanasiadis I. N., Vartalas P. and Mitkas P. A., 2004, DAWN: A platform for evaluating water-pricing policies using a software agent society, Proceedings of the 2nd Biennial Meeting of the International Environmental Modelling and Software Society at "Environmental Decision Support Systems II" Workshop, Osnabruck, Germany, iEMSs, June 14-17, 2004, Vol. 2, pp. 643-648.

D. A. Tsiamitros, G. C. Christoforidis, G. K. Papagiannis, D. P. Labridis, P. S. Dokopoulos ' A Novel Method For The Calculation Of Self And Mutual Impedances Of Overhead Conductors And Pipelines Buried In Two-Layer Soils', Proceedings of the MedPower04 Conference, Lemesos, Cyprus, November 14-17, 2004, pp. 1-7.

D. A. Tsiamitros, G. K. Papagiannis, P. S. Dokopoulos: 'Earth Return Path Impedances Of Underground Cables For The Two-Layer Earth Case', Proceedings of the MedPower04 Conference, Lemesos, Cyprus, November 14-17, 2004, pp. 1-8.

E. P. Kosmidou, Em. E. Kriezis, and T. D. Tsiboukis, "FDTD Analysis of Photonic Crystal Defect Layers Filled with Liquid Crystals," 13th Int. Workshop Optical Waveguide Theory Num. Model. (OWTNM), Ghent, Belgium, 2004.

E. Zadellis, K. Panoulas, E. Siachalou, I. Kitsas, L. J. Hadjileontiadis, M. Giannakou, M. Peftoulidou, E. Sofianos, and S. Panas "MethaDAT: Database of the ICU AXEPA Hospital," Proc. of International Conf. of International Hospital Federation (I.H.F) "Towards the 'Smart Hospital'," Thessaloniki, 4-7 November 2004.

G. Karagiannis, A. Drosou, Chr. Salpistis, Sister Daniilia, Y. Chryssoulakis, G. Sergiadis: "Non-Destructive Stratigraphy Determination of Artworks Using System Modeling" IEEE 1st International Conference on Information &

Communication Technologies: From Theory to Applications - ICTTA'04 - April 19 - 23, 2004 in Damascus, Syria.

G. N. Nikolaidou, S. J. Hadjileontiadou, and L. J. Hadjileontiadis, "On modeling children's non-verbal interactions during computer mediated music composition: A case study in primary school peers," 4th IEEE International Conference on Advanced Learning Technologies (ICALT'04), pp. 756-758, 2004.

G. Papagiannis, D. Tsiamitros, K. Gouramanis, G. Andreou, P. Dokopoulos: 'A PLC Based Energy Consumption Management System. Pilot Installation Field Tests and Simulation Results', Proceedings of the 8th International Symposium on Powerline Communications, Zaragoza, Spain, March 30-April 2, 2004, pp. 1-6.

G. Papagiannis, K. Gouramanis, T. Papadopoulos, K. Papadopoulos, P. Dokopoulos : 'A PLC Based Energy Consumption Management System – Performance Analysis Of Overhead Lines And Underground Cables: Measurements And Simulation', Proceedings of the MedPower04 Conference, Lemesos, Cyprus, November 14-17, 2004, pp. 1-7.

George Hassapis, Niovi Pavlidou and Stella Tzortzidou, 2004, Synchronous teaching of ICT courses to virtual classes over the Internet, International Conference on Engineering Education, Gainesville, Florida, October 16–21.

George Hassapis, Niovi Pavlidou and Stella Tzortzidou, 2004, Synchronous teaching of ICT courses to virtual classes over the Internet, International Conference on Engineering Education, Gainesville, Florida, October 16–21.

I. K. Kitsas, S. M. Panas, K. C. Zarkogianni, and L. J. Hadjileontiadis, "Efficient detection of transmembrane segments in proteins using wavelets and kurtosis," Proc. of X Mediterranean Conference on Medical and Biological Engineering MEDICON and HEALTH TELEMATICS 2004, Ischia, Italy, July-Aug. 2004 (cd-index 102).

Ioannis K. Vlachos, George D. Sergiadis: "Fuzziness-Driven Edge Detection Based on Renyi's α -Order Fuzzy Entropy" 6th International FLINS Conference on Computational Intelligent Systems for Applied Research, 2004, Blankenberghe, Belgium.

John Fasoulas and Zoe Doulgeri, Equilibrium Conditions of a Rigid Object Grasped by Elastic Rolling Contacts, IEEE International Conference on Robotics and Automation, ICRA 2004, April 26 - May 1, 2004, New Orleans, LA USA, pp 789-794.

Kantartzis N.V., Tsiboukis T.D., 2004, Unconditionally stable numerical modeling and broadband optimization of arbitrarily-shaped anechoic and reverberating chambers, Proceedings of the EMC Europe International Symposium on Electromagnetic Compatibility, Eindhoven.

Kehagias D., Chatzidimitriou K., Symeonidis A. L., and Mitkas P. A., 2004, Information Agents Cooperating with Heterogeneous Data Sources for Customer-Order Management, 19th Annual ACM Symposium on Applied Computing (SAC 2004), Nicosia, Cyprus, 52-57.

Kosmidou E.P., Kriezis Em.E., Tsiboukis T.D., 2004, FDTD analysis of photonic crystal defect layers filled with liquid crystals, Proceedings of the OWTNM, Ghent.

Mademlis C. and Michaelides A., "Magnetic Performance of a Single Phase Induction Motor under Triac-based Voltage Control", 8th WSEAS Trans. on Circuits and Systems, International Conference, vol. 3, no. 5, pp. 1240-1245, Athens, Greece, July 2004.

Mikropoulos, P. N., and Stassinopoulos, C. A.: "Atmospheric correction procedure in rod-plane gaps up to 1 m in length". Proc. of the 39th Universities Power Engineering Conference, Bristol, 2004, Vol. 1, pp. 207-210

Mikropoulos, P. N., Stassinopoulos, C. A., Katarachias, I., and Tsetoglou, A.: "Sparkover characteristics of sphere-rod gaps under standard impulse voltages". WSEAS Transactions on Circuits and Systems, 2004, Vol. 3, (5), pp. 1197-1200

Mikropoulos, P. N., Stassinopoulos, C. A., Yakinthos C. G.: "Negative DC pre-stressing on conductor-rod gaps under positive impulse voltages". Proc. of the X International Symposium on Gaseous Dielectrics, Athens, 2004, paper 51

N. Lettas, A. Dagoumas, G. Papagiannis, P. Dokopoulos, A. Zafirakis, S. Fachouridis, K. Manousaridis: 'Distributed Generation From Small Hydro Plants. A Case Study Of The Impacts On The Power Distribution Network', Proceedings of the MedPower04 Conference, Lemesos, Cyprus, November 14-17, 2004, pp. 1-7.

N. V. Kantartzis and T. D. Tsiboukis, "Unconditionally Stable Numerical Modeling and Broadband Optimization of Arbitrarily-Shaped Anechoic and Reverberating Chambers," EMC Europe 2004 Int. Symp. Electromagn. Compat., Eindhoven, The Netherlands, 2004.

P. A. Kaplanis, C. S. Pattichis, C. I. Christodoulou, L. J. Hadjileontiadis, V. C. Roberts, and T. Kyriakides, "A surface electromyography classification system," Proc. of X Mediterranean Conference on Medical and Biological Engineering MEDICON and HEALTH TELEMATICS 2004, Ischia, Italy, July-Aug. 2004.

Psomopoulos F., Diplaris S., and Mitkas P. A., 2004, A Finite State Automata Based Technique for Protein Classification Rules Induction, Proceedings of the Second European Workshop on Data Mining and Text Mining for Bioinformatics, Pisa, Italy, 54-60.

S. A. Taplidou, L. J. Hadjileontiadis, I. K. Kitsas, K. I. Panoulas, T. Penzel, V. Gross, S. M. Panas, "On applying continuous wavelet transform in wheeze

analysis,” Proc. Annual International Conference of the IEEE Engineering in Medicine and Biology, vol. 26, pp. 3832-3835, 2004.

S. A. Taplidou, L. J. Hadjileontiadis, V. Gross, T. Penzel, and S. M. Panas “Crackle categorization using wavelet-based energy criteria,” Proc. of 29th Annual Congress of International Lung Sound Association 2004, Glasgow, UK, Sept. 2004.

S. A. Taplidou, L. J. Hadjileontiadis, V. Gross, T. Penzel, and S. M. Panas “On efficiently categorising fine and coarse crackles using continuous wavelet transform,” Proc. of European Respiratory Society Congress ERS 2004, Glasgow, UK, Sept. 2004, Eur. Respir. J 2004, vol. 24, no. Suppl. 48, p. 123s.

S. A. Taplidou, L. J. Hadjileontiadis, V. Gross, T. Penzel, and S. M. Panas “Wheeze episode representation in the continuous wavelet transform domain,” Proc. of 29th Annual Congress of International Lung Sound Association 2004, Glasgow, UK, Sept. 2004.

S. A. Taplidou, L. J. Hadjileontiadis, V. Gross, T. Penzel, and S. M. Panas, “Automatic wheezing episode detector using spectrogram analysis of breath sounds,” Proc. of 13th European Respiratory Society Annual Conference, 27 September – 1 October, 2003, Vienna, Austria, Eur. Respir. J 2004, vol. 22, no. Suppl. 45, p. 446s.

S. Goumas, M. Zervakis, G. Rovithakis, “Reduced Dimensionality Space for Post Placement Quality Inspection of Components Based on Neural Networks”, Proc. ESANN’2004, April 28-30, Bruges, Belgium, 2004.

S. J. Hadjileontiadou, G. N. Nikolaidou, and L. J. Hadjileontiadis, “On efficiently tracking turn-taking patterns in a CSCL environment using Lempel-Ziv complexity analysis,” 4th IEEE International Conference on Advanced Learning Technologies (ICALT’04), pp. 415-419, 2004.

Symeonidis A. L., Seroglou S., Valtos V., and Mitkas P. A., 2004, An integrated multi-agent framework for simulating uncertain environments, Second European Workshop on Multi-Agent Systems (EUMAS-2004), Barcelona, Spain, 685-696.

Tambouratzis T., Antonopoulos-Domis M., (2004). Evaluation of stability during transient BWR operation, in Proceedings of the “International Meeting on Reactor Noise 2004”, Budapest, Hungary, May 17th-19th, 2004

V. Gross, E. Hubner, S. Taplidou, L. Hadjileontiadis, T. Penzel, U. Koehler “Automatic wheezing detection for asthmatic children,” Proc. of European Respiratory Society Congress ERS 2004, Glasgow, UK, Sept. 2004, Eur. Respir. J 2004, vol. 24, no. Suppl. 48, p. 614s.

Varvayanni M., Stakakis E., Anoussis J., Catsaros N., Antonopoulos-Domis M., (2004). Void induced reactivity in a mixed MTR code, in Proceedings of the “International Meeting on Reactor Noise 2004”, Budapest, Hungary, May 17th-19th, 2004

Varvayanni M., Stakakis E., Catsaros N., Antonopoulos-Domis M., (2004). Gamma heating estimation in a mixed MTR code, in Proceedings of the "International Meeting on Reactor Noise 2004", Budapest, Hungary, May 17th-19th, 2004

Zoe Doulgeri and John Peltekis, Modeling and dual arm manipulation of a flexible object, IEEE International Conference on Robotics and Automation, ICRA 2004, April 26 - May 1, 2004, New Orleans, LA USA, pp. 1700-1705

Μανωλάκης Ι., Λιπσαρδάκης Γ. και Ευθυμιάδης Κ., Εξαφερίτες βαρίου με υποκατάσταση γαδολινίου: νέα υλικά μονίμων μαγνητών, 20ο Πανελλήνιο Συνέδριο Φυσικής Στερεάς Κατάστασης και Επιστήμης Υλικών, Ιωάννινα, 9/2004

2005

Antonis Dimitriou, George Sergiadis: "A Novel, Shooting and Bouncing Rays Technique for Propagation Prediction, Based on a Varying-Step Calculation Procedure" Mediterranean Microwave Symposium 2005, MMS'05 Proc. Athens, Greece, 6-8 Sept. 2005.

Christos Houmkozis, George A. Rovithakis, "Towards Satisfying an Application Level Quality Measure via a Neural Network", Conference on Decision and Control, Seville, Spain, Dec. 12-15, 2005.

D. A. Tsiamitros, G. K. Papagiannis, P. S. Dokopoulos: 'Equivalent Resistivity Approximation of Two-Layer Earth Structures For Earth Return Impedance Calculations', PowerTech Conference Proceedings, 2005 IEEE St. Petersburg, 26-30 June, 2005, pp. 1-7.

Dimou C. and Mitkas P. A., 2005, Biogrid: An Agent-based Metacomputing Ecosystem, Proceedings of 10th Panhellenic Conference on Informatics, Volos, Greece, 88-98.

Diplaris S., Tsoumakas G., Mitkas P. A. and Vlahavas I., 2005, Protein Classification with Multiple Algorithms, 10th Panhellenic Conference on Informatics, Volos, Greece, Lecture Notes in Computer Science, Springer, Vol. 3746, 448-456.

E. P. Kosmidou, Em. E. Kriezis, and T. D. Tsiboukis, "Analysis of Tunable Photonic Crystal Based Directional Couplers," IEEE CLEO/Europe-EQEC, Munich, Germany, 2005.

G. K. Papagiannis, T. A. Papadopoulos, C. D. Dovas, D. A. Tsiamitros, P. S. Dokopoulos: 'A PLC-Based Energy Consumption Management System. PowerLine Performance Analysis: Field Tests and Simulation Results', PowerTech Conference Proceedings, 2005 IEEE St. Petersburg, 26-30 June, 2005, pp. 1-7.

George A. Rovithakis, "A Resetting Neuro-Controller in the Presence of Unmodeled Dynamics", IEEE International Symposium on Intelligent Control, Limassol, Cyprus, June 27-29, 2005.

George A. Rovithakis, Christos Houmkozis, "A Neural Network Congestion Control Algorithm for the Internet", IEEE International Symposium on Intelligent Control, Limassol, Cyprus, June 27-29, 2005.

George Hassapis, Spyridon Geronatsios and John Grigoriadis, 2005, Testbed Evaluation of Networked Control Systems, Proceedings of the 2nd International Conference on Informatics in Control, Automation and Robotics, ICINCO 2005, Vol. IV, Barcelona, Spain, September 14-17, 116-123.

George Hassapis, Spyridon Geronatsios and John Grigoriadis, 2005, Testbed Evaluation of Networked Control Systems, Proceedings of the 2nd International Conference on Informatics in Control, Automation and Robotics, ICINCO 2005, Vol. IV, Barcelona, Spain, September 14-17, 116-123.

Ioannis K. Vlachos, George D. Sergiadis: "On the Entropy of Intuitionistic Fuzzy Events" International Conference on Computational Intelligence for Modelling Control and Automation, CIMCA2005 Proc. Vienna, Austria, 28-30 Nov. 2005.

Ioannis K. Vlachos, George D. Sergiadis: "Towards Intuitionistic Fuzzy Image Processing" International Conference on Computational Intelligence for Modelling Control and Automation, CIMCA2005 Proc. Vienna, Austria, 28-30 Nov. 2005.

K. P. Prokopidis and T. D. Tsiboukis, "Higher-Order Spatial FDTD for EM Propagation in Dispersive Media," ISEF, Baiona, Spain, 2005.

K. P. Prokopidis and T. D. Tsiboukis, "Modeling of Ground-Penetrating Radar for Detecting Buried Objects in Dispersive Soils," ACES, Honolulu, USA, 2005.

K. P. Prokopidis and T. D. Tsiboukis, "The Effect of Substrate Dispersion on the Operation of Square Microstrip Antennas," IEEE COMPUMAG, Shenyang, China, 2005.

Kantartzis N.V., Tsiboukis T.D., 2005, An explicit weighted essentially non-oscillatory time-domain algorithm for 3-D EMC applications with arbitrary media interfaces, Proceedings of the IEEE COMPUMAG, Shenyang.

Kantartzis N.V., Tsiboukis T.D., 2005, Rigorous ADI-FDTD analysis of left-handed metamaterials in optimally-designed EMC applications, Proceedings of the ISEF, Baiona.

Kehagias D. and Mitkas P. A., 2005, Adaptive Pricing Functions for Open Outcry Auctions, Proceedings of the 2005 IEEE/WIC/ACM International Conference on Intelligent Agent Technology (IAT'06), Compiegne, France.

Kosmanis T.I., Yioultsis T.V., Tsiboukis T.D., 2005, Computational analysis of power frequency devices by a novel hybrid quasi-static finite difference – FEM technique, Proceedings of the JAPMED, Cairo.

- Kosmidou E.P., Kriezis Em.E., Tsiboukis T.D., 2005, Analysis of tunable photonic crystal based directional couplers, Proceedings of the IEEE CLEO/Europe-EQEC, Munich.
- L. J. Hadjileontiadis, "On enhancing explosive lung sounds using empirical mode decomposition and fractal dimension analysis," Proc. of 30th Annual Congress of International Lung Sound Association 2005, Boston, MA, USA, Oct. 2005.
- L. J. Hadjileontiadis, "Pok-Ta-Pok: A 3-D extension to Xenakis' perception of Game-Theory," Proc. of International Symposium "Iannis Xenakis", Athens, Greece, May 2005.
- M. Gravani, G. N. Nikolaidou, S. J. Hadjileontiadou, and L. J. Hadjileontiadis, "On Modelling Professional Learning Using Fuzzy Logic," 11th Biennial Conference EARLI 2005, University of Cyprus Nicosia, Cyprus, August 2005.
- Mikropoulos, P. N., Sarigiannidou, B. C., Stassinopoulos, C. A., and Tsakiridis, C.: "Influence of humidity on positive streamer propagation and breakdown in a uniform field in air". Proc. of the 40th Universities Power Engineering Conference, Cork, 2005, Vol. 2, pp. 803-807
- Mitkas P. A., Symeonidis A. L., and Athanasiadis I. N., 2005, A Retraining Methodology for Enhancing Agent Intelligence, IEEE Int'l Conference on Integration of Knowledge Intensive Multi-Agent Systems (KIMAS-05), Waltham, MA, USA, 422-428.
- N. Lettas, A. Dagoumas, G. Papagiannis, P. Dokopoulos, A. Zafirakis, S. Fachouridis, K. Manousaridis: 'A Case Study of the Impacts of Small Hydro Power Plants on the Power Distribution Network with the Combination of On Load Tap Changers', PowerTech Conference Proceedings, 2005 IEEE St. Petersburg, 26-30 June, 2005, pp. 1□7.
- N. Lettas, A. Dagoumas, G. Papagiannis, P. Dokopoulos, A. Zafirakis, S. Fachouridis, K. Manousaridis: 'Maximizing distributed generation capacity of small hydro plants in a distribution network', Proceedings of the Athens CIGRE Symposium, 'Power Systems with Dispersed Generation', 16-20 April, 2005, Athens, Greece, pp. 1-8.
- N. V. Kantartzis and T. D. Tsiboukis, "An Explicit Weighted Essentially Non-Oscillatory Time-Domain Algorithm for 3-D EMC Applications with Arbitrary Media Interfaces," IEEE COMPUMAG, Shenyang, China, 2005.
- N. V. Kantartzis and T. D. Tsiboukis, "Rigorous ADI-FDTD Analysis of Left-Handed Metamaterials in Optimally-Designed EMC Applications," ISEF, Baiona, Spain, 2005.
- P.N. Biskas and A.G. Bakirtzis, "A decentralized solution to the Security Constrained DC-OPF problem of mutliarea power systems", Proceedings of Power Tech 2005, St. Petersburg, Russia, June 27-30, 2005.

Τμήμα Ηλεκτρολόγων Μηχανικών και Μηχανικών Υπολογιστών

P.N. Biskas, N.P. Ziogos, A. Tellidou, C.E. Zoumas, A.G. Bakirtzis, V. Petridis and A. Tsakoumis "Comparison of two metaheuristics with mathematical programming methods for the solution of OPF", Proceedings of the 13th International Conference on Intelligent Systems Application to Power Systems, Arlington, VA, U.S.A., Nov. 6 – 10, 2005, pp. 510-515.

Prokopidis K.P., Tsiboukis T.D., 2005, Higher-order spatial FDTD for EM propagation in dispersive media, Proceedings of the ISEF, Baiona.

Prokopidis K.P., Tsiboukis T.D., 2005, Modeling of ground-penetrating radar for detecting buried objects in dispersive soils, Proceedings of the ACES, Honolulu.

Prokopidis K.P., Tsiboukis T.D., 2005, The effect of substrate dispersion on the operation of square microstrip antennas, Proceedings of the IEEE COMPUMAG, Shenyang.

S. A. Taplidou and L. J. Hadjileontiadis, "Wheeze episode representation in the Hilbert-Huang transform domain," Proc. of 30th Annual Congress of International Lung Sound Association 2005, Boston, MA, USA, Oct. 2005.

S. A. Taplidou and L. J. Hadjileontiadis, "Wheeze identification in case of asthma and COPD using inverse short-time Fourier transform," Proc. of European Respiratory Society Congress ERS 2005, Copenhagen, Denmark, Sept. 2005, Eur. Respir. J 2005, vol. 26, no. Suppl. 49, p. 273s.

T. I. Kosmanis, T. V. Yioultsis, and T. D. Tsiboukis, "Computational Analysis of Power Frequency Devices by a Novel Hybrid Quasi-static Finite Difference – FEM Technique," Japanese-Mediterranean Workshop Appl. Electromagn. Eng. Magn. Supecond. Mat. (JAPMED), Cairo, Egypt, 2005.

T. T. Zygiridis and T. D. Tsiboukis, "Design of Optimized FDTD Schemes for the Accurate Solution of EM Problems," IEEE COMPUMAG, Shenyang, China, 2005.

T. T. Zygiridis, T. P. Kosmidou, K. P. Prokopidis, N. V. Kantartzis, C. S. Antonopoulos, K. Petras, and T. D. Tsiboukis, "Numerical Modeling of an Indoor Wireless Environment for the Performance Evaluation of WLAN Systems," IEEE COMPUMAG, Shenyang, China, 2005.

T. V. Yioultsis, T. I. Kosmanis, I. T. Rekanos, and T. D. Tsiboukis, "Investigation of EMC in High-Speed On-Chip Transmission Lines by a New Hybrid Quasi-static Finite Difference – FEM Technique," EMC 2005 – 8th Int. Symp. Electromagn. Compat. & Electromagn. Ecology, St. Petersburg, Russia, 2005.

Th. Tsatalas, G. Theofilidis, I. K. Kitsas, L. J. Hadjileontiadis, E. Kellis, and C. Kotzamanidis, "Influence of contraction intensity and joint angle on median frequency of knee antagonist muscles," Proc. of 10th Annual Congress of the European College of Sport Science (ECSS), Belgrade, Serbia, July 2005.

Τμήμα Ηλεκτρολόγων Μηχανικών και Μηχανικών Υπολογιστών

Theodore Vasiliadis, George Sergiadis: "Low-cost Handmade Wideband Planar Antennas for WLAN Applications" Mediterranean Microwave Symposium 2005, MMS'05 Proc. pp. 238-241, Athens, Greece, 6-8 Sept. 2005.

Y. Karayiannidis, Z. Doulgeri, Force/Position Regulation for a Robotic Finger in Compliant Contact with an Unknown Surface, 2005 Mediterranean Conference on Control and Automation (MED' 05) 27-29 June 2005, Limassol, Cyprus.

Yioultsis T.V., Kosmanis T.I., Rekanos I.T., Tsiboukis T.D., 2005, Investigation of EMC in high-speed on-chip transmission lines by a new hybrid quasi-static finite difference – FEM technique, EMC Proceedings of the International Symposium on Electromagnetic Compatibility and Electromagnetic Ecology, St. Petersburg.

Z. Doulgeri, N. Zikos, A. Delopoulos, Modelling and interfacing remote Virtual Robots, 5th Int. Conf. On Technology and Automation 2005 (ICTA'05), 15-16 October 2005, Thessaloniki, Greece, pp. 154-159.

Z. Doulgeri, Y. Karayiannidis, An Adaptive force regulator for a robot in compliant contact with an unknown surface, IEEE International Conference on Robotics and Automation, ICRA 2005, April 18 -22, 2005, Barcelona, Spain, pp 789-794.

Zygiridis T.T., Kosmidou E.P., Prokopidis K.P., Kantartzis N.V., Antonopoulos C.S., Petras K.I., Tsiboukis T.D., 2005, Numerical modeling of an indoor wireless environment for the performance evaluation of WLAN systems, Proceedings of the IEEE COMPUMAG, Shenyang.

Zygiridis T.T., Tsiboukis T.D., 2005, Design of optimized FDTD schemes for the accurate solution of EM problems, Proceedings of the IEEE COMPUMAG, Shenyang.

A. Dagoumas, N. Lettas, K. Tomaras, G. Papagiannis, P. Dokopoulos, A. Zafirakis, S. Fachouridis, K. Manousaridis: 'Transient Analysis of Small Hydro Generators in a Network - Connected and islanded operational mode', International Conference on Future Power Systems, November 2005, Amsterdam, pp. 1-6.

Αθ. Νταγκούμας, Γρ. Παπαγιάννης, Π. Ντοκόπουλος: 'Ανάλυση των οικονομικών και περιβαλλοντικών επιπτώσεων από την εφαρμογή του πρωτοκόλλου του Κιότο σε παγκόσμια κλίμακα', Διεθνές επιστημονικό συνέδριο HELECO '05, TEE, 3 – 6 Φεβρουαρίου 2005, Αθήνα.

Αθ. Νταγκούμας, Ν. Λέττας, Δ. Τσιαμήτρος, Γρ. Παπαγιάννης, Π. Ντοκόπουλος: 'Οικονομικές και περιβαλλοντικές επιπτώσεις από την εφαρμογή ενός συστήματος διαχείρισης ενεργειακής κατανάλωσης σε ευρωπαϊκό επίπεδο', Διεθνές επιστημονικό συνέδριο HELECO '05, TEE, 3 – 6 Φεβρουαρίου 2005, Αθήνα.

Τμήμα Ηλεκτρολόγων Μηχανικών και Μηχανικών Υπολογιστών

Μανωλάκης Ι., Λιπσαρδάκης Γ., Ευθυμιάδης Κ., Επίδραση της υποκατάστασης Gd-Co σε εξαφερίτες Sr για εφαρμογές μονίμων μαγνητών, 21ο Πανελλήνιο Συνέδριο Φυσικής Στερεάς Κατάστασης και Επιστήμης Υλικών, Λευκωσία, 9/2005

Μικρόπουλος Π.Ν., Στασινόπουλος Κ. και Υάκινθος Χ.: “Αύξηση της δυνατότητας μεταφοράς ενέργειας σε υψηλές τάσεις μέσω της συμπίεσης των διακένων”. 1ο Πανελλήνιο Συνέδριο Διπλ. Μηχανολόγων – Ηλεκτρολόγων, Αθήνα, 2005

2006

A. Apostoloudia, E. Douka, L. J. Hadjileontiadis, I. T. Rekanos, and A. Trochidis, “Damage detection in beams using time-frequency analysis of transient flexural waves,” 13th International Congress on Sound and Vibration, Vienna, Austria, 2-6 July, 2006.

A. Tellidou, A.G. Bakirtzis, "A Q-Learning Agent-Based Model for the Analysis of the Power Market Dynamics", Proceedings of the 6th IASTED International Conference on European Power and Energy Systems, EuroPES 2006, Rhodes, Greece, June 26 – 28, 2006.

A. Tellidou, A.G. Bakirtzis, "Multi-Agent Reinforcement Learning for Strategic Bidding in Power Markets", Proceedings of the 3rd IEEE International Conference on Intelligent Systems, IEEE IS '06, London, UK, Sep. 4 – 6, 2006.

A.G. Bakirtzis, A. Tellidou, “Agent-Based Simulation of Power Markets under Uniform and Pay-As-Bid Pricing Rules using Reinforcement Learning”, 2006 Power Conference and Exposition (PSCE), Atlanta, Georgia, USA, Oct. 29 – Nov. 1, 2006.

Athanasiadis I. N., Karatzas K. D., and Mitkas P. A., 2006, Classification techniques for air quality forecasting, Proceedings of BESAI 2006 - 5th ECAI Workshop on Binding Environmental Sciences and Artificial Intelligence, part of the 17th European Conference on AI, Eds. Oprea M., Sances-Marre M. and Wotawa F., Riva del Garda, Italy, 4-1 to 4-7.

Christos Houmkozis, George A. Rovithakis, “A Neuro-adaptive TCP-like protocol with cost constraints”, 14th Mediterranean Conference on Control and Automation, Ancona, Italy, June 28-30, 2006.

Collyda Ch., Diplaris S., Mitkas P. A., Maglaveras N. and Pappas C., 2006, Fuzzy Hidden Markov Models: A New Approach In Multiple Sequence Alignment, Proceedings of the 20th International Congress of the European Federation for Medical Informatics (MIE 2006), Eds Hasman A. et al., IOS press, Studies in Health Technology and Informatics, Maastricht, Netherlands, Vol. 124, 99-104.

D. C. Zografopoulos, Em. E. Kriezis, and T. D. Tsiboukis, “Single-Polarization and Controllable Birefringence Guidance in Liquid-Crystal Microstructured

Fibers,"15th Int. Workshop Optical Waveguide Theory Num. Model. (OWTNM), Varese, Italy, 2006.

D. L. Sounas, N. V. Kantartzis, and T. D. Tsiboukis, "Adjustable-Angle Triangular Lossy DNG Slabs with Enhanced Focusing Capabilities,"XVIIth Int. Conf. Electr. Machines (ICEM), Chania, Greece, 2006.

D. Matsiki, X. Deligianni, E. Daskalopoulou-Vlahogianni and L. J. Hadjileontiadis, "Nocturnal long term recording of snoring in patients undergoing polysomnography," Proc. of 31st Annual Congress of International Lung Sound Association 2006, Halkidiki, Greece, p. 37, Sept. 2006. (Presentation award)

Dimou C., Batzios A., Symeonidis A. L., and Mitkas P. A., 2006, A Multi-Agent Simulation Framework for Spiders Traversing the Semantic Web, Proceedings of 2006 IEEE/WIC/ACM International Conference on Web Intelligence (WIC'06), Hong Kong, China.

Eliades D. G., Symeonidis A. L. and Mitkas P. A., 2006, GeneCity: A multi-agent simulation environment for hereditary diseases, Proceedings of the 4th ACS/IEEE International Conference on Computer Systems and Applications (AICCSA-06), Dubai/Sharjah, UAE.

George Hassapis, 2006, Implementation of Predictive Control Algorithms on Networked Control Systems, American Control Conference ACC 2006, Minneapolis, Minnesota, June 14-16.

George Hassapis, 2006, Implementation of Predictive Control Algorithms on Networked Control Systems, American Control Conference ACC 2006, Minneapolis, Minnesota, June 14-16.

I. K. Kitsas, K. J. Panoulas, V. E. Kosmidou, S. A. Taplidou, C. D. Saragiotis, L. J. Hadjileontiadis, and S. M. Panas, "SmartEyes: An efficient mobile phone/navigator for blind or visually impaired people," Proc. of the Forum for the ICT Professionals Congress (FITCE 2006), Athens, Greece, Aug.-Sept. 2006. (Best paper award)

I. K. Kitsas, S. M. Panas, and L. J. Hadjileontiadis, "Linear discrimination of transmembrane from non-transmembrane segments in proteins using higher-order crossings," Proc. 28th Annual International Conference of the IEEE Engineering in Medicine and Biology, pp. 5818-5821, Sept. 2006.

Ioannis K. Vlachos, George D. Sergiadis: "A Heuristic Approach to Intuitionistic Fuzzification of Color Images" 7th International FLINS Conference on Applied Artificial Intelligence, FLINS2006 Proc. Genova, Italy, 29-31 August 2006.

Ioannis K. Vlachos, George D. Sergiadis: "On the Intuitionistic Defuzzification of Digital Images for Contrast Enhancement" 7th International FLINS

Conference on Applied Artificial Intelligence, FLINS2006 Proc. Genova, Italy, 29-31 August 2006.

Kantartzis N.V., Prokopidis K.P., Antonopoulos C.S., Tsiboukis T.D., 2006, Compact higher-order time-domain schemes for the unconditionally stable modeling of generalized 3-D acoustic problems, Proceedings of the Workshop on Computational Aspects of Acoustic Propagation, Heraklion.

Kantartzis N.V., Sounas D.L., Antonopoulos C.S., Tsiboukis T.D., 2006, A wideband ADI-FDTD algorithm for the design of double negative metamaterial-based waveguides and antenna structures, Proceedings of the IEEE CEFC, Miami.

Kehagias D., Toulis P., and Mitkas P. A., 2006, Mertacor: A Successful Autonomous Trading Agent, Proceedings of the Fifth International Joint Conference on Autonomous Agents & Multi Agent Systems (AAMAS-06), Hakodate, Japan.

Kontogounis I., Chatzidimitriou K. C., Symeonidis A. L., and Mitkas P. A., 2006, A Robust Agent Design for Dynamic SCM Environments, Proceedings of 4th Hellenic Conference on Artificial Intelligence (SETN'06), Heraklion, Greece.

Kosmanis T.I., Yioultsis T.V., Tsiboukis T.D., 2006, Time domain analysis of power transformers by a hybrid quasi-static FD-FE technique, Proceedings of the ICEM, Chania.

Lazaridis, L. A., Mikropoulos, P. N., Stassinopoulos, C. A, Kerasaridis, Ch. and Lisaridis, I.: "Corona inception in the presence of insulators in a rod-plane gap under positive switching impulse voltages". Proc. of the 41st Universities Power Engineering Conference, Newcastle, 2006, Vol. 2, pp. 912-915

Mademlis C. and Kioskeridis I., "Calculation of the Optimal Fire Angles in Single-Pulse Controlled Switched Reluctance Generator Drives", International Conference on Electrical Machines, ICEM'06, Chania, Greece, Sept. 2006.

Michaelides A. M. and Mademlis C., "Dynamic Performance Analysis on Switched Reluctance Motors and Iron Loss Calculation using the Finite Element Method", International Conference on Electrical Machines, ICEM'06, Chania, Greece, Sept. 2006.

Mikropoulos, P. N., Sarigiannidou, B. C., Stapountzi, M. and Stassinopoulos, C. A.: "Streamer propagation and flashover along PTFE insulating surface in a uniform field in air: influence of humidity". Proc. of the 41st Universities Power Engineering Conference, Newcastle, 2006, Vol. 2, pp. 916-920

N. V. Kantartzis, D. L. Sounas, C. S. Antonopoulos, and T. D. Tsiboukis, "A Wideband ADI-FDTD Algorithm for the Design of Double Negative Metamaterial-Based Waveguides and Antenna Structures," IEEE CEFC, Miami, USA, 2006.

Τμήμα Ηλεκτρολόγων Μηχανικών και Μηχανικών Υπολογιστών

N. V. Kantartzis, K. P. Prokopidis, C. S. Antonopoulos, and T. D. Tsiboukis, "Compact Higher-Order Time-Domain Schemes for the Unconditionally Stable Modeling of Generalized 3-D Acoustic Problems," 1st Workshop Comput. Aspects Acoustic Propag., Heraklion, Greece, 2006.

P.N. Biskas, A.G. Bakirtzis, "Decentralized OPF of large multi-area power systems", AIESP '06, 6-10 February 2006, Madeira, Portugal.

S. A. Taplidou and L. J. Hadjileontiadis, "Nonlinear analysis of heart murmurs using wavelet-based higher-order spectral parameters," Proc. 28th Annual International Conference of the IEEE Engineering in Medicine and Biology, pp. 4502-4505, Sept. 2006.

S. A. Taplidou and L. J. Hadjileontiadis, "Nonlinear characteristics of wheezes as seen in the wavelet higher-order spectra domain," Proc. 28th Annual International Conference of the IEEE Engineering in Medicine and Biology, pp. 4506-4509, Sept. 2006.

S. A. Taplidou and L. J. Hadjileontiadis, "On analyzing the harmonic content of wheezes using wavelet bicoherence," Proc. of 31st Annual Congress of International Lung Sound Association 2006, Halkidiki, Greece, pp. 9-10, Sept. 2006. (Presentation award)

S. A. Taplidou and L. J. Hadjileontiadis, "Wheeze analysis using the Hilbert-Huang transform," Proc. of 31st Annual Congress of International Lung Sound Association 2006, Halkidiki, Greece, pp. 23-24, Sept. 2006.

S.P. Moustakidis, G.A. Rovithakis, J.B. Theocharis, "An Adaptive Neuro-Fuzzy Control Approach for Nonlinear Systems via Lyapunov Function Derivative Estimation", Proc. 2006 IEEE International Symposium on Intelligent Control, Munich, Germany, October 4-6, 2006.

Sounas D.L., Kantartzis N.V., Tsiboukis T.D., 2006, Adjustable-angle triangular lossy DNG slabs with enhanced focusing capabilities, Proceedings of the ICEM, Chania.

Symeonidis A. L., Nikolaidou V., and Mitkas P. A., 2006, Exploiting Data Mining techniques for improving the efficiency of a Supply Chain Management agent, IADM-06 Workshop of the 2006 IEEE/WIC/ACM International Conference on Web Intelligence (WIC'06), Hong Kong.

T. I. Kosmanis, T. V. Yioultsis, and T. D. Tsiboukis, "Time Domain Analysis of Power Transformers by a Hybrid Quasi-Static FD-FE Technique," XVIIth Int. Conf. Electr. Machines (ICEM), Chania, Greece, 2006.

T. V. Yioultsis, T. I. Kosmanis, I. T. Rekanos, and T. D. Tsiboukis, "EMC Analysis of High-Speed on-Chip Interconnects via a Mixed Quasi-Static Finite Difference – FEM Technique," IEEE CEFC, Miami, USA, 2006.

Toulis P., Kehagias D., and Mitkas P. A., 2006, A Long-Term Profit Seeking Strategy for Continuous Double Auctions in a Trading Agent Competition,

Proceedings of 4th Hellenic Conference on Artificial Intelligence (SETN'06), Heraklion, Greece.

V. E. Kosmidou, L. J. Hadjileontiadis, and S.M. Panas, "Evaluation of surface EMG features for the recognition of American Sign Language gestures," Proc. 28th Annual International Conference of the IEEE Engineering in Medicine and Biology, pp. 6197-6200, Sept. 2006.

Y. Karagyannidis, G.A. Rovithakis, Z. Doulgeri, "Force/Position Tracking for a Robotic Finger in Compliant Contact with a Surface using Neuro-Adaptive Control", Proc. 2006 IEEE International Symposium on Intelligent Control, Munich, Germany, October 4-6, 2006.

Y. Karayiannidis, Z. Doulgeri, An Adaptive Law for Slope identification and Force/Position Regulation using motion variables, IEEE International Conference on Robotics and Automation, ICRA 2006, May 15 -19, 2006, Orlando Florida, USA, pp 3538-3543.

Y. Karayiannidis, G. Rovithakis and Z. Doulgeri, A Neuro-Adaptive Controller for the Force/Position Tracking of a Robot Manipulator under Model Uncertainties in Compliance and Friction, 14th Mediterranean Conference on Control and Automation, Ancona Italy, June 28-30, 2006

Y. Karayiannidis, G. Rovithakis and Z. Doulgeri, Force/Position Tracking for a Robotic Finger in Compliant Contact with a Surface using Neuro-Adaptive Control, IEEE International Symposium on Intelligent Control, Munich Germany, October 4-6, 2006

Yiannis Karayiannidis, George A. Rovithakis, Zoe Doulgeri, "A neuro-adaptive controller for force/position tracking of a robot manipulator under model uncertainties in compliance and friction", 14th Mediterranean Conference on Control and Automation, Ancona, Italy, June 28-30, 2006.

Yioultsis T.V., Kosmanis T.I., Rekanos I.T., Tsiboukis T.D., 2006, EMC analysis of high-speed on-chip interconnects via a mixed quasi-static finite difference – FEM technique, Proceedings of the IEEE CEFC, Miami.

Z. Doulgeri, G. Iliadis, Contact task stability and maintenance with a compliant surface using a switched one dof robot model, IEEE International Conference on Robotics and Automation, ICRA 2006, May 15 -19, 2006, Orlando Florida, USA, pp. 4013-4018.

Zoe Doulgeri, Stella Tzortzidou, Niovi Pavlidou and George Hassapis, 2006, Teaching Engineering Courses by mMixing Lectures, Simulation, Telelab Exercises and Group Work, 6th International Conference on Applied Informatics and Communication, AIC'06, Elounda, Agios Nikolaos, Crete Island, Greece, August 18-20.

Zoe Doulgeri, Stella Tzortzidou, Niovi Pavlidou and George Hassapis, 2006, Teaching Engineering Courses by mMixing Lectures, Simulation, Telelab Exercises and Group Work, 6th International Conference on Applied

Τμήμα Ηλεκτρολόγων Μηχανικών και Μηχανικών Υπολογιστών

Informatics and Communication , AIC'06, Elounda, Agios Nikolaos, Crete Island, Greece, August 18-20.

Zoe Doulgeri, Stella Tzortzidou, Niovi Pavlidou, 2006, "Design and Delivery of Courses Based on the Constructivist Theory of Learning and Implemented by Virtual E-Learning Environments", Proceedings of the 2nd International Conference on Interdisciplinarity in Education ICIE Athens, Greece, May11-13.

Zoe Doulgeri, Stella Tzortzidou, Niovi Pavlidou, 2006, "Design and Delivery of Courses Based on the Constructivist Theory of Learning and Implemented by Virtual E-Learning Environments", Proceedings of the 2nd International Conference on Interdisciplinarity in Education ICIE Athens, Greece, May11-13.

Zografopoulos D.C., Kriezis Em.E, Tsiboukis T.D., 2006, "Single-polarization and controllable birefringence guidance in liquid-crystal microstructured fibers", Proceedings of the OWTNM, Varese.

A. Dagoumas, A. Marinopoulos, G. Papagiannis, P. Dokopoulos, "Simulation of Small Hydro Generators in Islanding Operation in weak Distribution Networks", XVII International Conference on Electrical Machines ICEM 2006, September 2006, Chania, Greece, pp. 1-6.

Λιπσαρδάκης Γ., Μανωλάκης Ι., Σερλέτης Χ. και Ευθυμιάδης Κ.Γ, "Εξαφερίτες Ba - Gd με χημική μέθοδο συγκαταβύθισης", 22ο Πανελλήνιο Συνέδριο Φυσικής Στερεάς Κατάστασης και Επιστήμης Υλικών, Πάτρα, 9/2006

Βιβλία

2001

G. Hassapis, 2001, Architecture and programming of industrial control systems, Zitis Publications, Thessaloniki,

G. Hassapis, 2001, Architecture and programming of industrial control systems, Zitis Publications, Thessaloniki,

N. I. Μάργαρης, Ηλεκτρικά Κυκλώματα-Εργαστηριακές Ασκήσεις, Εκδόσεις Τζιόλα, Θεσσαλονίκη 2001(σελ. 120).

2002

N. I. Μάργαρης, Μαθήματα Εφαρμοσμένου Αυτομάτου Ελέγχου, Εκδόσεις Τζιόλα, Θεσσαλονίκη 2002 (σελ. 364).

2003

N. I. Μάργαρης, Ηλεκτρικά Κυκλώματα-Φροντιστηριακές Ασκήσεις, Τόμος Α, Εκδόσεις Τζιόλα, Θεσσαλονίκη 2003 (σελ. 512).

2004

Αντωνόπουλος-Ντόμης Μ., 2004, Ραδιενέργεια σε απλά Ελληνικά, Πανεπιστημιακές Εκδόσεις Κρήτης, 241.

N. I. Μάργαρης, Ηλεκτρικά Κυκλώματα-Φροντιστηριακές Ασκήσεις, Τόμος Β, Εκδόσεις Τζιόλα, Θεσσαλονίκη 2004 (σελ. 463).

2005

Symeonidis A. and Mitkas P., 2005, Agent Intelligence through Data Mining, Springer, 226 pages.

Αντωνόπουλος-Ντόμης Μ., 2005, Εισαγωγή στην Πυρηνική Τεχνολογία, Ζήτη, Θεσσαλονίκη, 507

Τσιμπούκης Θ.Δ., 2005, "Ειδικά Κεφάλαια Ηλεκτρομαγνητικού Πεδίου, Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης, Θεσσαλονίκη, 308.

Τσιμπούκης Θ.Δ., 2005, Ηλεκτρομαγνητισμός. Στοιχεία Θεωρίας και Ασκήσεις, (Τόμοι 1, 2), Θεσσαλονίκη, 854.

Τσιμπούκης Θ.Δ., 2005, Στοιχεία Υπολογιστικού Ηλεκτρομαγνητισμού, Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης, Θεσσαλονίκη, 216.

2006

"Higher-Order FDTD Schemes for Waveguide and Antenna Structures," Synthesis Lectures on Computational Electromagnetics, San Rafael, CA, USA: Morgan & Claypool Publishers, 2006.

Τμήμα Ηλεκτρολόγων Μηχανικών και Μηχανικών Υπολογιστών

Kantartzis N.V., Tsiboukis T.D., 2006, Higher-Order FDTD Schemes for Waveguide and Antenna Structures, Morgan & Claypool Publishers, San Rafael, California.

Δ. Λαμπρίδης, Π. Ντοκόπουλος, Γ. Παπαγιάννης: Συστήματα Ηλεκτρικής Ενέργειας, Τόμος Α', Εκδόσεις Ζήτη, Θεσσαλονίκη 2006, ISBN 960-456-020-4

Άρθρα σε βιβλία

2001

Giourelis D.K., Kalogirou O., Stergiou A.C., Makaronides G., Sarafides Ch., Litsardakis G., Katemliades S. and Gjioka M., Enhancement of magnetic properties by Co substitution in $Nd_3(Fe_{1-x}Co_x)_{27.5}Ti_{1.5}$ ($x=0.0, 0.1, 0.2, 0.3, 0.4$) intermetallic compounds, NATO-Advanced Study Institute on Magnetic Storage Systems beyond 2000, in “Magnetic Storage Systems Beyond 2000”, NATO Science Series, II. Mathematics, Physics and Chemistry – Vol. 41, pp. 405-409, editor G.C.Hadjipanayis, Kluwer Academic, 2001

2002

Kantartzis N.V., Katsibas T.K., Antonopoulos C.S., Tsiboukis T.D., 2002, “Unified Development of Well-Posed Curvilinear Perfectly Matched Layers for 3-D Low Frequency Electromagnetic and Advective Acoustic FDTD Simulations” in “Studies in Applied Electromagnetics and Mechanics”, Eds Wiak S., Krawczyk A., IOS Press, London, 88-103.

Kosmanis T.I., Tsiboukis T.D., 2002, “A Conformal FDTD Algorithm for the Simulation of Curved Dielectric Interfaces in Three-Dimensional Grids” in “Studies in Applied Electromagnetics and Mechanics”, Eds Wiak S., Krawczyk A., IOS Press, London, 104-109.

L. J. Hadjileontiadis, Y. A. Toliadis, and S. M. Panas, “Intelligent system modeling of bioacoustic signals using advanced signal processing techniques,” in Intelligent Systems: Technology and Applications, C. T. Leondes, Ed. Boca Raton, FL, USA: CRC Press, Inc., 2002, vol. III (Signal, Image, and Speech Processing), chapter 3, pp. 103-156, ISBN 0-8493-1121-7.

2003

G.A. Rovithakis, A. Malamos, D. Varvarigou, M.A. Christodoulou, “Quality of Service Mechanisms in Multimedia Telecommunication Services”, in Quality and Reliability of Large Scale Telecommunication Systems Case Studies: Olympic Games, P. Stavroulakis Ed., John Wiley & Sons, Ltd, 2003.

Kosmanis T.I., Tsiboukis T.D., 2003, Conformal FDTD Algorithms: “A Systematic and Topologically Consistent Approach” in “Special Issue: Electrical Engineering”, Ed. Sikora R., Technical University of Szczecin, Szczecin, 135-140.

Tsiboukis T.D., 2003, “The Node Based Finite Element Method” in “Applied Computational Electromagnetics”, Eds Uzunoglou N., Nikita K., NATO ASI Series, Berlin, 139-157.

2005

Σ. Ι. Χατζηλεοντιάδου και Λ. Ι. Χατζηλεοντιάδης, [2005] “Μέθοδοι και τεχνικές μοντελοποίησης συνεργατικών αλληλεπιδράσεων,” στον τόμο Εισαγωγή στη συνεργασία υποστηριζόμενη από υπολογιστή-Συστήματα, Μοντέλα

Συνεργασίας για Εργασία, Μάθηση, Κοινότητες Πρακτικής και Δημιουργίας της Γνώσης, Επιμέλεια Ν. Αβούρης, Χ. Καραγιαννίδης, Β. Κόμης, Εκδόσεις Κλειδάριθμος (υπό έκδοση).

2006

Ioannis K. Vlachos, George D. Sergiadis: "Intuitionistic Fuzzy Image Processing," *Soft Computing in Image Processing: "Recent Advances"*, In Series: *Studies in Fuzziness and Soft Computing*, Springer-Verlag, 2006

L. J. Hadjileontiadis, "Biosignals and Compression Standards," in *M-Health: Emerging Mobile Health Systems*, R. H., Istepanian, S. Laxminarayan, and C. S. Pattichis, Eds., New York, USA: Springer Science+Business Media, Inc., 2006, Section III, chapter 21, pp. 277-292, ISBN-10: 0-387-26558-9.

L. J. Hadjileontiadis, I. T. Rekanos, and S. M. Panas, "Bioacoustic signals," *Encyclopedia of Biomedical Engineering*, Ed. M. Akay, Wiley and Sons, New York, USA, 2006, ISBN: 047124967X.

L. J. Hadjileontiadis, I. T. Rekanos, and S. M. Panas, "Higher-order statistics," *Encyclopedia of Biomedical Engineering*, Ed. M. Akay, Wiley and Sons, New York, USA, 2006, ISBN: 047124967X.

Prokopidis K.P., Tsiboukis T.D., 2006, "Higher-Order Spatial FDTD for EM Propagation in Dispersive Media" in "Monograph on Applied Electromagnetics", Eds Wiak S., Krawczyk A., IOS Press, London, 240-246.

Εκδοση πρακτικών συνεδρίων

2003

Mikropoulos, P. N., and Stassinopoulos, C. A.: Proceedings of the 38th Universities Power Engineering Conference, Thessaloniki, 1-3 September 2003.

2004

Litsardakis G., Advanced Physics and Chemistry of Materials, 8th European Intensive Course, Thessaloniki 2004

Άλλες δημοσιεύσεις

2001

«Βιολογικές επιδράσεις ηλεκτρομαγνητικών πεδίων» Μηνιαία Τεχνική Επιθεώρηση, Απρίλιος 2001 Β.Ν. Οικονομίδου, Γ.Δ. Σεργιάδης

Mitkas P. A., 2001, Spatial Light Modulators for Multimedia Database Processing, Conference on Spatial Light Modulators, 46th SPIE International Symposium on Optical Science, Engineering and Instrumentation, San Diego, California.

2002

“Access to Broadband Networks – Trends and Commercial Prospects” Advanced Networking Technologies and Applications 2002, Αθήνα, 6-7 Ιουνίου 2002 Γ. Σεργιάδης

Abas Z., Banos G., Mitkas P. A., Saragiotis P., and Maltaris I., 2002, AMNOS: An Integrated Web-Based Platform for Dairy Sheep Breeding Management, 7th World Congress on Genetics Applied to Livestock Production, Montpellier, France.

G.A. Rovithakis, “Intelligent control based on neural networks by M. Teshnehlab & K. Watanabe”, Automatica, vol. 38, pp. 564-565, 2002. (Βιβλιοκρισία)

K. I. Panoulas, I. K. Kitsas, P. Georgiadis, T. Zoumpoulidis, I. Fotiou, and L. J. Hadjileontiadis, “BlueSteth: a Bluetooth-based stethoscope for healthcare and educational applications,” IEEE Computer Society, CSIDC 2002 Final Report, pp. 1-30, 2002. (Honorary Mention - 6th place worldwide)

Mitkas P. A., Symeonidis A., Kechagias D., Athanasiadis I., Laleci G., Kurt G., Kabak Y., Acar A., and Dogac A., 2002, An Agent Framework for Dynamic Agent Retraining: Agent Academy, eBusiness and eWork 2002 (e2002) 12th annual conference and exhibition, Prague, Czech Republic, Eds. Stanford-Smith B., Chiozza E., and Edin M. Challenges and Achievements in e-business and e-work, IOS Press, 757-764.

2003

Mitkas P. A., Kehagias D., Symeonidis A. L., and Athanasiadis I. N., 2003, Agent Academy: An integrated tool for developing multi-agent systems and embedding decision structures into agents, First European Workshop on Multi-Agent Systems (EUMAS 2003), Oxford, UK.

N. Trichakis, D. Bisias, S. Taplidou, E. Korkontzila, and L. J. Hadjileontiadis, “SmartEyes: an enhanced orientation and navigation system for blind or visually impaired people,” IEEE Computer Society, CSIDC 2003 Final Report, pp. 1-20, 2003. (Top 25 from 170 worldwide)

Τμήμα Ηλεκτρολόγων Μηχανικών και Μηχανικών Υπολογιστών

Γ. Παπαγιάννης: 'Αφιέρωμα - Η 30χρονη διαδρομή του Τμήματος Ηλεκτρολόγων Μηχανικών και Μηχανικών Ηλεκτρονικών Υπολογιστών του Α.Π.Θ.', Τεχνογράφημα, ΤΕΕ/ΤΚΜ, Τ. 243, Ιούνιος 2003, σελ. 10 -11.

2004

Athanasiadis I. N. and Mitkas P. A., 2004, Software Agents for Assessing Environmental Quality: Advantages and Limitations, 18th International Conference Informatics for Environmental Protection: Sh@ring (EnvirolInfo 2004), Geneva, Switzerland, GI, Vol. 2, 303-306.

Diplaris S., Symeonidis A. L., Mitkas P. A., Banos G., and Abas Z., 2004, An Alarm Firing System for National Genetic Evaluation Quality Control, 2004 Proceedings of the Interbull Annual Meeting, Tunis, Tunisia, Vol. 32, 146-150.

L. J. Hadjileontiadis, Advanced Signal Processing in Music Composition- Works Commentary, PhD Thesis, Prof. David Blake (Supervisor), Dept. of Music, Univ. of York, York, UK, 2004.

N. Trichakis, D. Bisias, S. Taplidou, E. Korkontzila, and L. J. Hadjileontiadis, "SmartEyes: an enhanced navigation system within the city for blind or visually impaired people," Microsoft Imagine Cup 2004 Final Report, pp. 1-6, 2004. (3rd place worldwide)

Ζυγκιρίδης Θ., Πάλλας Χ., Τσιμπούκης Θ., 2004, Σύνταξη διαγραμμάτων ηλεκτρομαγνητικής ακτινοβολίας στην περιοχή της πόλης των Σερρών, Δελτίο Πανελληνίου Συλλόγου Διπλωματούχων Μηχανολόγων-Ηλεκτρολόγων, 368, 56-60.

2005

«Η αρχή της συνετούς αποφυγής. Μία πρόταση αντιμετώπισης των πιθανών κινδύνων από την Η/Μ ακτινοβολία» 1ο Πανελλήνιο Συνέδριο ΠΣΔΜ-Η, Αθήνα, Μάρτιος 2005 Γ. Σεργιάδης, Δ. Αλεξιάδης, Κ. Στασινόπουλος

«Μελέτη Τηλεπικοινωνιακής Κίνησης Δικτύου GSM Εντός του Ολυμπιακού Σταδίου Κατά τη Διεξαγωγή των Ολυμπιακών Αγώνων του 2004» 1ο Πανελλήνιο Συνέδριο ΠΣΔΜ-Η, Αθήνα, Μάρτιος 2005 Αντώνης Γ. Δημητρίου, Θεόδωρος Γ. Βασιλειάδης, Γεώργιος Δ. Σεργιάδης

«Μελέτη Τηλεπικοινωνιακής Κίνησης Δικτύου GSM Εντός του Ολυμπιακού Σταδίου Κατά τη Διεξαγωγή των Ολυμπιακών Αγώνων του 2004» Δελτίο ΠΣΔΜ-Η, Τεύχος 378, Ιούλιος – Αύγουστος 2005, σελ. 54-57 Αντώνης Γ. Δημητρίου, Θεόδωρος Γ. Βασιλειάδης, Γεώργιος Δ. Σεργιάδης (Δημοσιεύθηκε στο επιστημονικό τεύχος από τα πρακτικά του αντίστοιχου συνεδρίου, ως επιβράβευση της καλύτερης παρουσίασης)

A. Dikaiou, V. Kosmidou, F. Tzima, A. Valsamidis, and L. J. Hadjileontiadis, "Sign2Talk: a wearable sign language translation system for deaf or hearing-impaired people," Microsoft Imagine Cup 2005 Final Report, pp. 1-10, 2005. (2nd place worldwide)

Athanasiadis I. N. and Mitkas P. A., 2005, A distributed system for managing and diffusing environmental information, 5th International Exhibition and Conference on Environmental Technology (HELECO '05), Environment and Development (HELECO '05), Environment: Methodological and Managerial Tools Section: Methods and Techniques for environmental monitoring Track, Technical Chamber of Greece, Athens, Greece.

Athanasiadis I. N., Mentes A. K., Mitkas P. A., and Mylopoulos Y. A., 2005, A system for evaluating water pricing alternatives in urban areas, HELECO '05, Water Management Section: New Legislative Framework for the Integrated Water Resources Management Track, Technical Chamber of Greece, Athens, Greece.

Athanasiadis I. N., Milis M., Mitkas P. A., and Michaelides S., 2005, ABACUS: A multi-agent system for meteorological radar data management and decision support, Int'l Symposium on Environmental Software Systems (ISESS-05), Sesimbra, Portugal.

Athanasiadis I. N., Solsbach A., Mitkas P. A., and Marx-Gomez J., 2005, An agent-based middleware for environmental information management, Second Symposium on Information Technologies in Environmental Engineering (ITEE 2005), ICSC-NAISO Academic Press, Magdeburg, Germany.

Athanasiadis I., Karatzas K., and Mitkas P., 2005, Contemporary air quality forecasting methods: A comparative analysis between statistical methods and classification algorithms, 5th Int'l Conference on Urban Air Quality, Valencia.

Collyda Ch., Diplaris S., Delopoulos A., Maglaveras N., Mitkas P. A. and Pappas C., 2005, Towards building a model for the unification of distributed and heterogeneous biomedical repositories, 10th International Symposium for Health Information Management Research, Thessaloniki, Greece.

Eleftherohorinou H., Diplaris S., Mitkas P. A., and Banos G., 2005, AGELI: An integrated platform for the assessment of national genetic evaluations by learning and informing, Interbull Annual Meeting, Uppsala, Sweden.

Eliades D. G., Symeonidis A. L. and Mitkas P. A., 2005, GeneCity: A multi-agent simulation environment for hereditary diseases, Third European Workshop on Multi-Agent Systems (EUMAS-2005), Brussels, Belgium, 137-147.

Mitkas P. A., 2005, Knowledge discovery for training intelligent agents, International Workshop on Autonomous Intelligent Systems: Agents and Data Mining (AIS-ADM 2005), St. Petersburg, Russia.

Psomopoulos F. E. and Mitkas P. A., 2005, A protein classification engine based on stochastic finite state automata, Proceedings of the Symp. 35: Computational Methods in Molecular Biology at the ICCMSE 2005, Lecture Series on Computer and Computational Sciences VSP/Brill, 4B (2005), Loutraki, Greece, 1371-1374.

Symeonidis A. L. and Mitkas P. A., 2005, A methodology for predicting agent behavior by the use of data mining techniques, International Workshop on Autonomous Intelligent Systems: Agents and Data Mining (AIS-ADM 2005), St. Petersburg, Russia.

Symeonidis A. L., Chatzidimitriou K. C., Kehagias D., and Mitkas P. A., 2005, An Intelligent Recommendation Framework for ERP Systems, IASTED International Conference on Artificial Intelligence and Applications (AIA 2005), Innsbruck, Austria.

Αθανασιάδης Ι. Ν., Μεντές Α. Κ., Μήτκας Π. Α. και Μυλόπουλος Γ. Α., Ιούλιος-Αύγουστος 2005, Αξιολόγηση Εναλλακτικών Πολιτικών Τιμολόγησης Νερού σε Αστικές Περιοχές, Έκδοση «ΤΕΧΝΙΚΑ», Μέρος Β, Τεύχος 215, 60-62.

Αθανασιάδης Ι. Ν., Μεντές Α. Κ., Μήτκας Π. Α. και Μυλόπουλος Γ. Α., Ιούνιος 2005, Αξιολόγηση Εναλλακτικών Πολιτικών Τιμολόγησης Νερού σε Αστικές Περιοχές, Έκδοση «ΤΕΧΝΙΚΑ», Μέρος Α, Τεύχος 214, 65-70.

2006

Abas Z., Symeonidis A. L., Batzios A., Basdagianni Z., Banos G., Mitkas P. A., Sinapis E., and Pampoukidou A., 2006, AMNOS-mobile®: Exploiting handheld computers in efficient sheep recording, 35th ICAR, Kuopio, Finland.

Efraimidou M., Kanaki M., Athanasiadis I., Mitkas P. A., and Karatzas K., 2006, Data mining air quality data for Athens, Greece, Proceedings of the 20th International Conference on Informatics for Environmental Protection "Managing Environmental Knowledge", Eds. Tochtermann K. and Scharl. A., EnviroInfo2006, Graz, Austria, 505- 508.

M. Mitrosilis, M. Papastergis, A. Tzakas, A. Tzalavara, and L. J. Hadjileontiadis, "AllergyON: a mobile environmental monitoring system designed to help allergic people," Microsoft Imagine Cup 2006 Final Report, pp. 1-11, 2006. (4th place Northeast Europe)

Mitkas P. A., Delopoulos A.N., Symeonidis A. L., and Psomopoulos F. E., 2006, A Framework for Semantic Data Integration and Inferencing on Cervical Cancer, Bioinformatics and Medical Informatics, Athens, Greece.

Psomopoulos F. E. and Mitkas P. A., 2006, PROTEAS: A Finite State Automata based data mining algorithm for rule extraction in protein classification, Proceedings of the 5th Hellenic Data Management Symposium (HDMS 2006), Thessaloniki, Greece.

Psomopoulos F. E., Polychroniadou H. E., and Mitkas P. A., 2006, G-Class: A Divide and Conquer Application for Grid Protein Classification, Proceedings of the 2nd ADMKD 2006: Workshop on Data Mining and Knowledge Discovery (in conjunction with ADBIS'2006: The 10th East-European Conference on Advances in Databases and Information Systems), Thessaloniki, Greece.

Ευρεσιτεχνίες

2005

Αθανασιάδης Ι. και Μήτκας Π., 2005, Σύστημα Διασύνδεσης Αισθητήρων και Παροχής Επεξεργασμένης Πληροφορίας μέσω της Σημασιολογικής Διάχυσης Γνώσης, Ελληνικό Δίπλωμα Ευρεσιτεχνίας, OBI#1004936.