DIMITRIOS M. EMIRIS
emiris@unipi.gr

PERSONAL DATA

Date of Birth: April 4, 1965, Athens, Greece   *Marital Status:* Married, 1 child

EDUCATION

5/1991	*Ph.D.,* Electrical Engineering Department, University of Rochester, Rochester, NY, USA.
	PhD Thesis: "Kinematic Analysis, Evaluation and Control of Dual-Elbow Robotic Manipulators", under the supervision of Prof. V.D. Tourassis.
10/1988	*Master of Science (M.Sc.),* Electrical Engineering Department, University of Rochester, Rochester, NY, USA.
	Areas of Concentration: Robotics, Computer Vision, Digital Image Processing, Pattern Recognition.
6/1987	*Diploma in Electrical Engineering, National Technical University of Athens, Greece.*
5/1982	Graduate of *Lycee Leonin (Patissia).*

PROFESSIONAL & RESEARCH EXPERIENCE

6/2014-	*Professor in* **Management of Automated Production Systems** *(including Robotic Systems), Department of Industrial Management & Technology, University of Piraeus, Greece.*
7/2001-5/2014	*Associate Professor (5/2009 to 5/2014), Tenured Assistant Professor (12/2007 to 4/2009), Assistant Professor (3/2006-11/2007) and Lecturer (7/2001 to 3/2006) in* **Management of Automated Production Systems** *(including Robotic Systems), Department of Industrial Management & Technology, University of Piraeus, Greece.*
12/1997-7/2001	*Assistant Professor in* **Robotics***, Department of Production Engineering & Management, Technical University of Crete, Chania, Greece.*
1/1995-12/1997	*Adjunct Assistant Professor in* **Robotics***, Department of Production Engineering & Management, Technical University of Crete, Chania, Greece.*
9/1995-6/1997	*Visiting Professor in* **Robotics***, Department of Electronics, Technical Institute of Crete, Chania, Greece.*
3/1993-1/1995	*Adjunct Assistant Professor, Department of Electronics and Computer Engineering, Technical University of Crete, Chania, Greece.*
1991-1993	*Computer Analyst and Programmer (Military Service – Petty Officer), National Center for Space Research, Elefsina Airforce Base.*
1992-1993	*Research and Development Engineer, ZENON SA, Athens, Greece.*
1988-1991	*Research Assistant, Robotics Laboratory, Εργαστήριο Ρομποτικής, Electrical Engineering Department, University of Rochester, Rochester, NY, USA.*
1987-1988	*Research Assistant, Image Processing and Pattern Recognition Laboratory, Electrical Engineering Department, University of Rochester, Rochester, NY, USA.*
1986-1987	*Research Associate, Digital Image Processing Laboratory, Department of Electrical Engineering, National Technical University of Athens, Greece.*
6/1986-9/1986	*Research Associate, Computer Graphics Department, IBM Co., Barcelona, Spain.*

FOREIGN LANGUAGES

English (fluently), French (very well), Spanish (fair).

DISTINCTIONS AND SCHOLARSHIPS

- Science Direct Top 25 Hottest Articles for the article "Development of Dynamic Cognitive Networks as Complex Systems Approximators: Validation in Financial Time Series", D.E. Koulouriotis, I.E. Diakoulakis, **D.M. Emiris**, C. Zopounidis, Applied Soft Computing Journal, 5(1), pp. 157-179, 2005.
- First Award for the Best Diploma Thesis awarded by the Technical Chamber of Greece for the supervision of the thesis of Mrs. G. Papadopoulou, 1997.
- Second Award for Best Free Announcement in the 13th Panhellenic Urology Conference, October 23-27, 1996, Limassol, Cyprus.
- Best Paper Award in the 8th Panhellenic Conference of the Greek Association of Ultrasound, November 23-25, 1995, Athens, Greece.
- Recipient of the "Edward Peck Curtis Award for Excellence in Teaching by a Graduate Student", Univ. of Rochester, 1991.
- Research Assistantship, Robotics Laboratory, Electrical Engineering Department, Univ. of Rochester, 1988-1991.
- Candidate for the "Edward Peck Curtis Award for Excellence in Teaching by a Graduate Student", Univ. of Rochester, 1989.
- Teaching Assistantship, Electrical Engineering Department, Univ. of Rochester, 1987-1988.
- Scholarship for Undergraduate Studies by the *Kassii Fraternity Foundation*, Athens, Greece, 1982-87.

RESEARCH INTERESTS

- Intelligent techniques for modeling, analysis and synthesis of dynamic systems with emphasis on applications of management, decision support and knowledge management
- Auction theory and applications with emphasis in logistics
- Project management - intelligent scheduling and constrained resource allocation techniques; organizational aspects of Project Management Office implementation; management of large-scale turnaround projects; project management information systems
- Analysis and synthesis of holonic manufacturing systems with emphasis on robotic systems with sensory feedback
- ERP systems and applications in logistics (production planning, materials management, warehouse management, sales and distribution, financials) and in product development
- Robot vision and navigation
- Human modeling for computer animation applications – Study of dynamic properties of optimal articulated robot geometries
- Digital processing of ultrasound tomography images and data for medical diagnosis

PARTICIPATION IN RESEARCH PROJECTS

Scientific Responsible (Leader):
- PEGA – Program for Expanding Knowledge of Graduate Professionals – "Project Management & Product Development".
- EPET II – PAVE, "Management of the Supply Chain of Heterogeneous Products".
- EPET II – PAVE, "Study and Development of A Pilot System for the Automatic Goods Storage and Picking using Robotic Systems".
- YPER, "Design, Development and Application of Holonic Manufacturing System in an SME".
- YPER, "Strategy for the Evaluation, Hierarchy and Fusion of Sensory Information for Robotic Vehicle Guidance".
- EPEAEK, "Development of the Graduate Studies Program in the Department of Production Engineering and Management".
- EPEAEK, "Research for the Cooperation between Production and Education Units in order to Acquire and Promote Technological Innovations".
- "Development of Management Information System for European Community Programs", in cooperation with the Athens Development Office (ADO).
- "Organization-Development-Application of an Integrated Telematics System in the Local Transportation Organization of Athens", in cooperation with the Athens Development Office (ADO).

Research Associate:

- SYNERGASIA, "Redesign and Recycling of Photovoltaic Panels".
- EPEAEK, "Redesign of the Undergraduate Studies Program of the Department of Industrial Management and Technology".
- Leonardo Da Vinci, "TELEPROMET".
- EPEAEK – "Accreditation of Continuing Education".
- EPEAEK – "Limitless Education Space".
- EPEAEK, "Graduate Studies Program with Emphasis in Technological Systems".
- EPEAEK, "Common Undergraduate Studies Program between the Department of Production Engineering and Management and the Department of Electronics and Computer Engineering".
- "HPFIT: High Performance Fitting", ESPRIT-HPCN project, in cooperation with the National Technical University of Athens, Mercedes-Benz, Parsytec GmbH, etc., 1996.
- "Project SIR: Methods, Analysis, and Design", research project, in cooperation with the National Technical University of Athens, Mercedes-Benz, Parsytec GmbH, etc., 1996.
- "Human Modeling in Computer Animation", STRIDE/Multimedia project.
- "Sensor-Guided Welding in Shipbuilding", SEMOS-Project EU-276.
- "Development of a Center to Provide Continuous Accuracy Identification using GPS in Crete and Qualitative Control of Measurements", in cooperation with the Department of Minerals of the Technical University of Crete and the Greek Research and Technology Secretariat (PENED project).
- "Force Feedback from Remote Robotic Manipulators", in cooperation with the CNES (Centre Nationale des Etudes Spatiales) of Toulouse (Prof. M. Delpech).
- "Investigation, Evaluation and Site Selection of Waste Disposal Zones", in cooperation with the Hungarian Geological Institute, the Department of Minerals of the Technical University of Crete and the Greek Research and Technology Secretariat.

PROFESSIONAL EXPERIENCE AND SERVICE

- Certified Project Management Professional (PMP®) of the Project Management Institute (PMI®) [March 2008]
- Founding member of the Greek Network of Project Managers (PM-Greece, www.pmgreece.gr)
- Organizational Committee Coordinator and Session Chairman for the "Professional Certification in Project Management" Event, University of Piraeus, December 15, 2006
- Proposals evaluator within FP6 of the European Union (area of specialization: Robotics)
- Reviewer in several journal including Computer Aided Design (Elsevier), Management Decision (Emerald), IEEE Transactions on Systems, Man, and Cybernetics, Journal of Robotic Systems, Optimal Control Applications and Methods, Mechatronics, etc.
- Session Chairman in the 4th IEEE Mediterranean Symposium on New Directions in Control and Automation, Chania, Crete, June 10-14, 1996 and Co-Chairman in the 2nd IEEE Mediterranean Symposium on New Directions in Control and Automation, June 19-22, 1994, Chania, Crete.
- Reviewer and member of the scientific committee of the Panhellenic Robotics Conference (2009), the European Power and Energy Systems Conference, the IEEE Mediterranean Symposium on New Directions in Control Theory and Applications, and several other conferences
- Member of the IEEE Robotics and Automation Society, the Project Management Institute (PMI®), the Technical Chamber of Greece, etc.

COMPUTER & IT EXPERIENCE

- *Programming Languages:* C, C++, PASCAL, CLIPPER, FORTRAN, 8086 Assembly, LISP, COBOL, PROLOG, VAL II (Robot Programming Language).
- *Computer Systems:* SUN, VAX, NeXT, IBM PC, Macintosh, GEMSTONE.
- *Operating Systems:* UNIX, Windows NT, Windows XP, X-Windows, MS-DOS, VMS.
- *Application Programs:* MS-Office, MS-Project, Primavera Project Planner, Expedition, AutoCAD, ProEngineer, Corel Draw, 3D-Studio, MACSYMA, Mathematica, IMSL, DISSPLA, NASTRAN, GRASP, MATLAB, SIMULINK, ARC/Info, GKS, etc.

ADMINISTRATIVE EXPERIENCE

- Institutional Administrator for Practical Training of the University of Piraeus (2009-2015)
- Member of the University of Piraeus Senate during 2003-2004 and 2007-2008
- Member of the Research Committee of the University of Piraeus (2009-2011)
- Member of the Interdepartmental Committee and the Coordination Committee for the Graduate Program "Organization and Management of Industrial Systems"
- Representative of the Department of Industrial Management and Technology for the "UNIPI Open Courses" project, 2012

TEACHING EXPERIENCE (S: Spring Semester, W: Winter Semester, SU: Summer Period)

Department of Industrial Management & Technology, University of Piraeus, Greece

Graduate	**Project Management** - (W01, W02, W03, W04, W05, W06, W07, W08, W09, W10, W11, W12, W13, S13, W14, S14, W15, S15, W16, S16, W17, S17, W18, S18, W19, S19)	
Graduate	**Project Management Information Systems** - (S13, S14, S15, S16, S17, S18, S19)	
Graduate	**ERP Systems in Supply Chain Management – Applications with SAP R/3** - (W03, S04, W04, S05, W05, S06, W06, S07, W07, S08, W08, S09, W09, S10, W10, S11, W11, S12, W12, S12, W13, S13, W14, S14, W15, S15, W16, S16, W17, S17, W18, S18, W19, S19)	
Graduate	**ERP Systems in Project Management and Product Development – Applications with SAP R/3** - (S13, S14, S15, S16, S17, S18, S19)	
Graduate	**Advanced Subjects of ERP Systems – Applications with SAP R/3** - (S10, W10, S11, W11, S12, W12, S12, W13, S13, W14, S14, W15, S15, W16, S16, S17, S18, S19)	
Undergraduate	**Robotics and Mechatronics** - (8th semester) (S16, S17, S18, S19)	
Undergraduate	**Robotics** (8th semester) - (S02, S03, S04, S05, S06, S07, S08, S09, S10, S11, S12, S13, S14, S15)	
Undergraduate	**Project Management**, (7th and 6th semester) - (W01, W02, W03, W04, W05, W06, W07, W08, W09, W10, W11, W12, W13, W14, S15, S16, S17, S18, S19)	
Undergraduate	**Production Planning and Control** (5th semester) - (W12, W13, W14, W15, W16, W17, W18)	
Undergraduate	**Electrical Circuits and Systems** (4th semester) - (S02, S03, S04, S05, S06, S07, S08, S09, S10, S11, S12, S13, S14)	
Undergraduate	**Mathematics I**, (1st semester) - (W01, W02, W03, W04, W05, W06, W07, W08)	
Undergraduate	**Industrial Management** (1st semester) - (S13, S14)	

Department of Economics, University of Piraeus, Greece

Graduate	**Econo-Technical Studies and Project Management** - (S05, S06, S07, S08, S09, S10, S11, S12)	

*Department of Finance and Banking, **E-Learning Program**, University of Piraeus, Greece*

Introduction to Project Management - (W12, S12, SU12, W13, S13, SU13, W14, S14, SU14, W15, S15, SU15, W16, S16, SU16)	
Project Management Information Systems - (W12, S12, SU12, W13, S13, SU13, W14, S14, SU14, W15, S15, SU15, W16, S16, SU16)	
Introduction to Unified Business Processes and the SAP ERP System – (S15, SU15, W16, S16, SU16)	
Fundamental Business Processes in the SAP ERP System – (SU15, W16, S16, SU16)	
Advanced Business Processes in the SAP ERP System – (W16, S16, SU16)	

Graduate Program in Heritage Management (Athens University of Economics and Business & Univ. of Kent)

Graduate	**Project Management** - (S12, S13, S14, S15, S16, S17, S19)	

Department of Nursing, University of Athens, Greece

Graduate   **Project Management** - (S03, S04, S05)

Department of Production Engineering and Management, Technical University of Crete, Chania, Greece

Graduate   **Computer Vision** - (S00)

Graduate   **Project and Program Management** - (W99, S01)

Graduate   **Advanced Robotics** - (S96, S97, S99, S01)

Undergraduate   **Robotics** (9th semester) - (W94, W95, W96, W97, W98, W99, W00)

Undergraduate   **Industrial Electrical Installations** (8th semester) - (S95, S96, S97)

Undergraduate   **Project Management & Scheduling** (7th semester) - (W95, W96, W97, X98, W99, W00)

Department of Electronics and Computer Engineering, Technical University of Crete, Chania, Greece

Undergraduate   **Robotics** (9th semester) - (W94)

Undergraduate   **Digital Image Processing** (8th semester) - (W93, W94)

Undergraduate   **Digital Signal Processing** (7th semester) - (S94)

Graduate   **Robotics** - (S94)

Department of Electronics, Technical Institute of Crete, Chania, Greece

Undergraduate   **Digital Signal Processing** (8th semester) - (W95, S96, W96, S97)

Undergraduate   **Robotics** (9th semester) - (W95, S96, W96, S97)

Department of Electrical Engineering, University of Rochester, Rochester, NY, USA

EE 275   **Introduction to Robotic Systems** (Instructor) - (S91)

EE 111   **Circuits** (Recitation Instructor) - (W90)

EE 275   **Introduction to Robotic Systems** (Co-Instructor) - (S90)

EE 213   **Control Systems** (Recitation Instructor) - (W89)

EE 410   **Linear Systems** (Teaching Assistant) - (W88, W89)

EE 212   **Circuits and Systems** (Recitation Instructor) - (S88, S89)

EE 241   **Signals and Systems** (Teaching/ Laboratory Assistant) - (W87)

SEMINARS AND PRESENTATIONS

- Main organizer and speaker in over a dozen targeted seminars in listed companies (incl. Vodafone, J&P AVAX, Kleeman, ERGOSE, AGET IRAKLIS (Lafarge Cements), Hellenic Petroleum, etc.), on Project Management framework, best practices, processes, information management, PM software and information systems, etc.
- Main organizer and speaker in over thirty-five targeted open seminars on Project Management framework, best practices, processes, software, etc.
- Invited speaker in various conferences, events, etc., on business analysis, project management and investment appraisal.

PUBLICATIONS

A. Publications in Refereed International Journals and Chapters in Books

[A.1]   **D.M. Emiris** and V.D. Tourassis, "The Reachability and Dexterity of Elbow and Dual-Elbow Robot Manipulators", *Journal of Robotic Systems*, **9**(8), pp. 1021-1041, 1992.

[A.2]   V.D. Tourassis and **D.M. Emiris**, "A Comparative Study of Ideal Elbow and Dual-Elbow Robot Manipulators", *Mechanism and Machine Theory*, **28**(3), pp. 357-373, 1993.

[A.3]   **D.M. Emiris** and V.D. Tourassis, "Workspace Analysis of Realistic Elbow and Dual-Elbow Robot Manipulators", *Mechanism and Machine Theory*, **28**(3), pp. 375-396, 1993.

[A.4] **D.M. Emiris** and V.D. Tourassis, "Singularity-Robust Decoupled Control of Dual-Elbow Manipulators", *Journal of Intelligent and Robotic Systems*, **8**(2), pp. 225-243, Oct. 1993.

[A.5] **D.M. Emiris** and V.D. Tourassis, "Analysis of the Effects of Manufacturing Errors on the Accuracy of Dual-Elbow and Elbow Manipulators", *Mechanism and Machine Theory*, **30**(1), pp. 153-166, 1995.

[A.6] **D.M. Emiris**, D.E. Koulouriotis, and S. Koritsiadis, "Towards a Multicriteria Decision Support System for the Diagnosis of Voiding Dysfunctions". *Neurourology and Urodynamics*, **15**(4), 1996.

[A.7] D.E. Koulouriotis, **D.M. Emiris**, M. Zervakis, S. Koritsiadis, and K. Kalaitzakis, "Evaluation of Dysfunctions of the Lower Urinary Tract Using Frequency Domain Tools". *Neurourology and Urodynamics*, **15**(4), 1996.

[A.8] D.E. Koulouriotis, I.E. Diakoulakis, **D.M. Emiris**, "Fuzzy Cognitive Maps in Stock Market", *Fuzzy Sets and Systems in Management and Economy*, C. Zopounidis, P.M. Pardalos and G. Baourakis, *eds.*, World Scientific Press, pp. 165-179, (ISBN: 981-02-4753-2), 2001.

[A.9] **D.M. Emiris**, D.E. Koulouriotis, N. Matsatsinis, "Modelling of Business Processes and Functions of an Industrial Unit for ERP System Application", *Operational Research: an International Journal*, **1**(1), pp. 181-195, 2001 (ISSN: 1109-2858).

[A.10] I.E. Diakoulakis, D.E. Koulouriotis, **D.M. Emiris**, "A Review of Stock Market Prediction using Computational Methods", in "Computational Methods in Decision-Making, Economics and Finance", E. Kontoghiorghes, B. Rustem and S. Siokos, eds., pp. 67-91, Kluwer Applied Optimization series, Sept. 2002 (ISBN: 1-4020-0839-2).

[A.11] D.E. Koulouriotis, **D.M. Emiris**, I.E. Diakoulakis, C. Zopounidis, "Behavioristic Analysis and Comparative Evaluation of Intelligent Methodologies for Short-term Stock Price Forecasting", *Fuzzy Economic Review*, **7**(2), pp. 23-57, November 2002 (ISSN 1136-0593).

[A.12] **D.M. Emiris**, D.E. Koulouriotis, D. Karalekas, T. Voutsinas, I.E. Diakoulakis and S. Efstathiou, "Research for the Cooperation between Production and Education Units in order to Acquire and Promote Technological Innovations and the Efficiency of the Undergraduate Education: The Case of Technology and Production Management" (in Greek), *Project: Research 1997-2000*, ed. A. Verevis, Centre of Educational Research – Ministry of Education and Religion, pp. 306-318, 2002 (ISBN: 960-541-104-0).

[A.13] **D.M. Emiris**, D.E. Koulouriotis, N.G. Bilalis, "Functional Analysis and Synthesis of Modular Manufacturing Systems using the Holonic Theory: Application to Integrated Robotic Workcells", *Digital Enterprise Challenges: Life-Cycle Approach to Management and Production*, (G.L. Kovacs, P. Bertok, G. Haidegger, eds), pp. 325-336, Kluwer Academic Publishers, 2002 (ISBN 0-7923-7556-4).

[A.14] **D.M. Emiris**, D.E. Koulouriotis, Z. Chourmouziadou, V. Moustakis and N.G. Bilalis, "Organizational Transformation and Process Modelling in Modern Telecommunications Companies", *Digital Enterprise Challenges: Life-Cycle Approach to Management and Production*, (G.L. Kovacs, P. Bertok, G. Haidegger, eds), pp. 25-36, Kluwer Academic Publishers, 2002 (ISBN 0-7923-7556-4).

[A.15] D.I. Kosmopoulos, T.A. Varvarigou, **D.M. Emiris**, A. Kostas, "MD-SIR: A Methodology for Developing Sensor-Guided Industry Robots", *Robotics & Computer Integrated Manufacturing*, vol. 18, pp. 403-419, 2002.

[A.16] N.G. Bilalis, A. Scroumbelos, A. Antoniadis, **D.M. Emiris**, D.E. Koulouriotis, "Visual Factory: Basic Principles and the Zoning Approach", *International Journal of Production Research*, **40**(15), pp. 3575-3588, 2002 (ISSN: 0020-7543).

[A.17] D.E. Koulouriotis, I.E. Diakoulakis, **D.M. Emiris**, E.N. Antonidakis, I.A. Kalliakatsos, "Efficiently Modeling and Controlling Complex Dynamic Systems using Evolutionary Fuzzy Cognitive Maps", *International Journal of Computational Cognition (invited paper)*, **1**(2), pp.41-65, June 2003 (ISSN: 1542-8060).

[A.18] I.E. Diakoulakis, N. Georgopoulos, D.E. Koulouriotis, **D.M. Emiris**, "Knowledge Management: a Systemic Approach Using Intelligent Techniques", *Journal of Applied Systems Studies*, **4**(3), pp. 261-275, 2003. (ISSN: 1466-7738), Cambridge International Press.

[A.19] I.E. Diakoulakis, N. Georgopoulos, D.E. Koulouriotis, **D.M. Emiris**, "Towards a Holistic Knowledge Management Model", *Journal of Knowledge Management*, **8**(1), pp. 32-46, 2004 (ISSN: 1367-3270).

[A.20] I.E. Diakoulakis, D.E. Koulouriotis, **D.M. Emiris**, "Resource Constrained Project Scheduling using Evolution Strategies", *Operational Research: an International Journal*, **4**(3), pp. 261-275, 2004 (special issue in Project Management) (ISSN: 1109-2858).

[A.21] **D.M. Emiris**, D.E. Koulouriotis, N. Matsatsinis, E. Petroutsos, "Development of an IDEF0 Model of Integrated Logistics Support System (ILS) for the Armed Forces", *Foundations of Computing and Decision Science*, pp. 193-213, **30**(3), 2005 (ISSN 0867-6356).

[A.22] D.E. Koulouriotis, I.E. Diakoulakis, **D.M. Emiris**, C. Zopounidis, "Development of Dynamic Cognitive Networks as Complex Systems Approximators: Validation in Financial Time Series", *Applied Soft Computing Journal,* **5**(1), pp. 157-179, 2005.

[A.23] **D.M. Emiris** and C.A. Marentakis, "The Expansion of E-Marketplace to M-Marketplace by Integrating Mobility and Auctions in a Location-Sensitive Environment: Application in Procurement of Logistics Services", *Heterogeneous Next Generation Networking: Innovations and Platform*, S. Kostopoulos and K. Ioannou, eds., 2008.

[A.24] **D.M. Emiris** and C.A. Marentakis, "A Unified Classification Ecosystem for Auctions", *International Journal of Operations Research and Information Systems*, **1**(3), 2010, pp. 53-74.

[A.25] C.A. Marentakis and **D.M. Emiris**, "Decision-Making Elements for the Design of Emerging Multi-Dimensional Auctions", *International Journal of Operations Research and Information Systems*, **1**(4), 2010, pp. 59-82.

[A.26] **D.M. Emiris** and T. Skarlatos, "An analytical model to estimate the optimum production rate of picking processes in a modular warehouse environment", in "*Supply Chain Optimization, Design & Management: Advances & Intelligent Methods*", I. Minis, V. Zeimpekis, G.Dounias, N. Ampazis, eds., 2010, pp. 188-211.

[A.27] C.A. Marentakis and **D.M. Emiris**, "Location Aware Auctions for Tourism Services", *Journal of Hospitality and Tourism Technology*, **1**(2), pp. 121-143, 2010.

[A.28] M.T. Giannopoulou and **D.M. Emiris**, "Conceptual Modelling of Cause and Effect Relationships among Crisis Elements in Projects using Fuzzy Cognitive Maps" (in Russian), *Russian Project and Program Management Journal,* 24(4), 2010, pp. 274-282.

[A.29] **D.M. Emiris** and C.A. Marentakis, "Enhancement of Revenue Management Strategies through Location-Aware m-Auctions for Logistics Services", *International Journal of Revenue Management*, **6**(1), pp. 102-126, 2012.

[A.30] D. Kontostavlakis and **D.M. Emiris**, "PM-PEDIA: An Open-Learning, Expert-Based, Mind-Mapping Tool for Project Management Education" (in Russian), *Russian Project and Program Management Journal,* 25(1), 2011, pp. 64-73.

[A.31] **D.M. Emiris** and G. Kalogridaki, "Challenges in the Development of a Project Management Office (PMO) for Turnaround Projects in the Process Industry", *MIBES Transactions International Journal*, 2012 volume (accepted for publication).

[A.32] A.S. Xanthopoulos, D.E. Koulouriotis, V.D. Tourassis and **D.M. Emiris**, "Intelligent Controllers for Bi-Objective Dynamic Scheduling on a Single Machine with Sequence Dependent Setups", *Applied Soft Computing*, 2013, 13(12), pp. 4704-4717.

[A.33] **D.M. Emiris**, "Organizational Context Approach in the Establishment of a PMO for Turnaround Projects: Experiences from the Oil & Gas Industry", *PMWORLD Journal*, 3(2), February 2014 (second edition-reprint of Conference Article).

[A.34] Metaxas, I. N., Koulouriotis, D.E., & **Emiris, D.M.**, "Economic Crisis and Business Excellence: A Comparative Multi Case Study Assessment", *International Journal of Quality and Reliability Management*, Vol. 35 Issue: 4, pp.914-939, https://doi.org/10.1108/IJQRM-09-2016-0161.

B. Publications in Proceedings of International Conferences

[B.1] **D.M. Emiris** and V.D. Tourassis, "Control of Intelligent Robot Systems", in *Proceedings of the IEEE International Conference on Systems Engineering*, pp. 69-72, Dayton, OH, August 24-26, 1989.

[B.2] **D.M. Emiris** and V.D. Tourassis, "Closed-Form Inverse Kinematics Solution for a Dual-Elbow Manipulator", in *Proceedings of the IASTED International Symposium on Robotics and Manufacturing*, Santa Barbara, CA, November 13-15, 1989.

[B.3] **D.M. Emiris**, "A Singularity-Robust Kinematic Control Strategy for an Optimum Decoupled Geometry", in *Proceedings of the 1st IEEE Mediterranean Symposium on New Directions in Control Theory and Applications*, Chania, Crete, Greece, June 21-23, 1993 (http://med.ee.nd.edu/index-1.html).

[B.4] **D.M. Emiris**, "Trajectory Planning and Motion Execution of Robot-Based Human Models in Computer Animation", in *Proceedings of the 2nd IEEE Mediterranean Symposium on New Directions in Control and Automation*, Chania, Crete, Greece, June 19-22, 1994 (http://med.ee.nd.edu/index-2.html).

[B.5] **D.M. Emiris**, S.B. Sarandis, and D.I. Tzanakakis, "A Decision Support System for Robot Selection Using Fuzzy Logic", in *Proceedings of the 4th IEEE Mediterranean Symposium on New Directions in Control & Automation*, Chania, Crete, June 10-14, 1996 (http://med.ee.nd.edu/index-4.html).

[B.6] **D.M. Emiris** and C.G. Pnevmatikatos, "Robot Based Human Modelling in Computer Animation: Adaptive Stepsize Kinematic Control Methods for Path Planning", in *Proceedings of the 4th*

IEEE Mediterranean Symposium on New Directions in Control & Automation, Chania, Crete, June 10-14, 1996 (http://med.ee.nd.edu/index-4.html).

[B.7]   D.E. Koulouriotis, **D.M. Emiris**, M. Zervakis, S. Koritsiadis, K. Kalaitzakis. "Evaluation of Dysfunctions of the Lower Urinary Tract using Frequency Domain Tools", in Proceedings of the *26th Annual Meeting of ICS (International Continence Society)*, 1996, Athens, Greece, pp. 382-383.

[B.8]   **D.M. Emiris**, D.E. Koulouriotis, S. Koritsiadis. "Towards a Multicriteria Decision Support System for the Diagnosis of Voiding Dysfunctions", in Proceedings of the *26th Annual Meeting of ICS (International Continence Society)*, 1996, Athens, Greece, pp. 384-385.

[B.9]   **D.M. Emiris**, D.I. Tzanakakis and S.B. Sarandis, "The Robot Selection Problem Using Fuzzy Logic: A Decision Support System", in *Proceedings of the European Symposium on Intelligent Techniques*, Bari, Italy, March 20-21, 1997.

[B.10] **D.M. Emiris** and L. Angelaki, "Holonic Concepts in the Design, Analysis, and Synthesis of Industrial Applications", in Proceedings of the *World Manufacturing Congress, International Symposium on Manufacturing Technology*, Auckland, New Zealand, November 18-21, 1997.

[B.11] **D.M. Emiris**, C.G. Pnevmatikatos and N.I. Katevas. "Gait Analysis and Synthesis of Computer Animated Human Models: Recent Advances in Biomechanics", in the Proceedings of the *Mobile Robotics Technology for Health Care Services Research* Conference, pp. 233-249, Athens, May 15-16, 1997.

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