

SICOTIR 71-084 – LISTA DE LUCRARI 2008

Nr. crt.	NUME AUTORI	TITLUL ARTICOLULUI/ CĂRȚII/ COMUNICĂRII ȘTIINȚIFICE	REVISTA / VOLUMUL/ EDITURA IN CARE A APARUT / CONFERINȚA LA CARE S-A COMUNICAT
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ARTICOLE ISI

1	R.-E. Precup, St. Preitl, I. J. Rudas, M. L. Tomescu, J. K. Tar	Design and Experiments for a Class of Fuzzy Controlled Servo Systems	IEEE/ASME Transactions on Mechatronics, vol. 13, feb. 2008, no. 1, pp. 22-35, ISSN 1083-4435 "Index ISI"
2	R.-E. Precup, St. Preitl, J. K. Tar, J. Fodor, I.-B. Ursache, P. A. Clep	Low-Cost Fuzzy Logic Approach to Ship Course Control	Proceedings of 50 th International Symposium ELMAR, vol. 2, 2008, pp. 423-426, ISBN 978-953-7044-06-0, 50 th International Symposium ELMAR, Zadar (Croatia). "Index ISI Proceedings"
3	R.-E. Precup, St. Preitl, P. A. Clep, I.-B. Ursache, J. K. Tar, J. Fodor	Stable Fuzzy Control Systems with Iterative Feedback Tuning	Proceedings of 2 th International Conference on Intelligent Engineering Systems INES 2008, pp. 287-292, ISBN 978-1-4244-2083-4, Miami, FL (SUA). "Index ISI Proceedings"

ARTICOLE ALTE BAZE DE DATE

1	Ionete, C., D. Selișteanu, D. Șendrescu, D. Popescu, M. Roman, D. Surlea,	Simulation of Real-Time Distributed Networked Control of Rotational Quanser Experiments using TrueTime and Matlab	Transactions on Automatic Control and Computer Science, Scientific Bulletin of The "Politehnica" University of Timișoara, Tome 53(67), Fasc. 2, ISSN 1224-600X, pp. 87-94, 2008
2	Ionete C., Selisteanu D., Sendrescu D., Popescu D., Roman M., Surlea D.	Simulation of Real-Time distributed networked control of rotational Quanser experiments using TrueTime and Matlab	Scientific Bulletin pf "Politehnica" University of Timisoara, Romania, Transactions on Automatic Control and Computer Science, Vol: 53(67) No: 2 / 2008, pp. 87-95, ISSN 1224-600X
3	Eva-Henrietta Dulf, Clement Festila, Mihai Abrudean	Networked Robust Nonlinear Control of a Separation Column for ¹³ C Enrichment by Cryogenic Distillation of Carbon Monoxide	Scientific Bulletin pf "Politehnica" University of Timisoara, Romania, Transactions on Automatic Control and Computer Science, Vol: 53(67) No: 1 / 2008, ISSN 1224-600X

CARTI

1	Șendrescu D., Selișteanu D., Petre E., Bonete C.	Sliding Mode Observers for Rotational Robotics Structures	Automation and Robotics (J.M.R. Arreguin Ed.), Chap. 13, pp. 223-243, In-Tech Publ., ARS, Viena, Austria, ISBN 978-3-902613-41-7, 2008.
2	Marin C.	Sisteme numerice cu durată finită a regimului tranzitoriu	Ed. Sitech, Craiova, ISBN 973-657-899-2, 150 p., 2008.

COMUNICARI STIINTIFICE INTERNATIONALE

1	Emil Voişan, Florin Drăgan, Raul Robu, Andrei Gudiu	Robot Control Based on Virtual Environment and Voice Commands	Conference Proceedings/ vol 3/ pp 77-80/2008/Editura Politehnica/ CONTI 2008
2	Daniel Iercan, Marius Mezin,	A Distributed Multimode Real-Time Controller for the Three Tanks System	Conference Proceedings/ vol 3/ pp 67-70/2008/Editura Politehnica/ CONTI 2008
3	Radu-Emil Precup, Stefan Preitl, Igor Krjanc, Ion-Bogdan Ursache, Petru Alexandru Clep, Claudia-Adina Dragoş	Networked Control. Signal Processing Aspects and Case Study	Conference Proceedings/ vol 3/ pp 81-86/2008/Editura Politehnica/ CONTI 2008
4	Bogdan Groza, Pal-Stefan Murvay, Ioan Silea, and Tiberiu Ionica	Cryptographic authentication on a 8051 based development board,	Conference Proceedings, 2008, pp 92-97, ISBN: 978-0-7695-3189-2, The Third International Conference on Internet Monitoring and Protection, ICIMP '08. "Index INSPEC, IEEEExplore"
5	Emil Voisan, Constantin Volosencu, Adrian Leu, Florin Dragan	Fault detection using virtual environment and wireless robot	Conference Proceedings, june 2008, pp 190-193, ISBN ~ ISSN:1790-5117 , 978-960-6766-77-0, ICAI'08: 9th WSEAS International Conference on International Conference on Automation and Information "Index ACM"
6	R.-E. Precup, St. Preitl, I.-B. Ursache, P. A. Clep, P. Baranyi, J. K. Tar	On the Combination of Tensor Product and Fuzzy Models	Proceedings of IEEE International Conference on Automation, Quality and Testing, Robotics AQTR 2008 - THETA 16 th edition , vol. 2, mai 2008, pp. 48-53, ISBN 978-2-4244-2576-1, Cluj-Napoca. "Index IEEEExplore"
7	M.-B. Rădac, R.-E. Precup, St. Preitl, J. K. Tar, J. Fodor, E. M. Petriu	Gain-Scheduling and Iterative Feedback Tuning of PI Controllers for Longitudinal Slip Control	Proceedings of 6 th IEEE International Conference on Computational Cybernetics ICC 2008, nov. 2008, pp. 183-188, ISBN 978-1-4244-2875-5, Stara Lesna (Slovakia). "Index INSPEC, IEEEExplore"
8	St. Preitl, R.-E. Precup, M.-B. Rădac, C.-A. Dragoş, J. K. Tar, J. Fodor	On the Stable Design of Stable Fuzzy Control Systems with Iterative Learning Control	Proceedings of 9 th International Symposium of Hungarian Researchers on Computational Intelligence and Informatics CINTI 2008, pp. 345-360, ISBN 978-963-7154-82-9, Budapesta (Ungaria)
9	Ionete C., E. Petre, M. Roman, D. Selişteanu,	Simulation of Real-Time Control Systems using TrueTime Library and Matlab	Proc. of 9th International Conference on Technical Informatics CONTI'2008, ISSN 1844-539X, Vol. 3, pp. 45-50, June 5-6, 2008, Timișoara, Romania.
10	Ionete C., Popescu D., Sendrescu D., Roman M., Raducu M.	Simulation of Distributed Networked Control of Rotational Quanser Experiments	Proc. of 9th International Conference on Technical Informatics CONTI'2008, ISSN 1844-539X, Vol. 3, pp. 51-57, June 5-6, 2008, Timișoara, Romania.
11	Ionete, C., A. Çela, Ben Gaid, M.E.M, Reama A.	Controllability and Observability of Linear Discrete-Time Systems with Network Induced Variable Delay	Proceedings of the 17th World Congress of The International Federation of Automatic Control [Conf. IEEE/IFAC], July 6-11, 2008, pp. 4216-4221, Seoul, Korea. "Index IFAC PapersOnline"
12	Bobasu E., Popescu D., Roman M	Control Law Design for a D.C. Motor Using Robust Linearization Method	Proceedings of International Carpathian Control Conference ICC 2008, pp. 59-63, ISBN 978-973-746-897-0, 25-28 May 2008, Sinaia, Romania

13	Roman M., Bobasu E., Sendrescu D.	Modeling of Some Rotational Quanser Experiments	Proceedings of International Carpathian Control Conference ICCO 2008, pp. 551-555, ISBN 978-973-746-897-0, 25-28 May 2008, Sinaia, Romania
14	Ionete C, Manole E., Surlea D.	xPC Multitasking Control for two Quanser experiments	Proceedings of International Carpathian Control Conference ICCO 2008, pp. 263-267, ISBN 978-973-746-897-0, 25-28 May 2008, Sinaia, Romania
15	Manole E, Ionete C, Surlea D	Model-based versus hand-written embedded code for Real-time control	Proceedings of International Carpathian Control Conference ICCO 2008, pp. 396-400, ISBN 978-973-746-897-0, 25-28 May 2008, Sinaia, Romania
16	Surlea D, Ionete C, Manole E.	Combined model-based and hand-written embedded code for Real-time control	Proceedings of International Carpathian Control Conference ICCO 2008, pp. 659-663, ISBN 978-973-746-897-0, 25-28 May 2008, Sinaia, Romania
17	Sendrescu D., Marin C., Petre E., Selisteanu D.	Identification of nonlinear Hammerstein models	Proceedings of International Carpathian Control Conference ICCO 2008, pp. 599-603, ISBN 978-973-746-897-0, 25-28 May 2008, Sinaia, Romania
18	Eva-Henrietta Dulf, Clement Festila, Mihai Abrudean	Networked Control and Monitoring System for ^{13}C Isotope Separation Column	Proceedings of The 8 th International Conference on Technical Informatics CONTI'2008,, ISSN 1844-539X, Vol. 3, 5-6 June 2008, Timisoara, Romania