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Indexuri pentru citate	Toate	Din 2012
Referințe bibliografice	99	95
h-index	6	5
i10-index	1	0

Assistant lecturer of Automation and Applied Informatics, Politehnica University of Timisoara
Control structures and algorithms
(conventional control, fuzzy control, predictive control, adaptive control)

Titlu	1–20	Citat de	Anul
Speed and position control of BLDC servo systems with low inertia	AI Stînean, S Preitl, RE Precup, C Pozna, CA Dragoș, MB Rădac Cognitive Infocommunications (CogInfoCom), 2011 2nd International Conference ...	11	2011
Hybrid fuzzy control solutions for brushless DC drives with variable moment of inertia	AI Stînean, S Preitl, RE Precup, CA Dragoș, MB Rădac Intelligent Systems and Informatics (SISY), 2012 IEEE 10th Jubilee ...	8	2012
Two data-driven control algorithms for a MIMO aerodynamic system with experimental validation	RC Roman, MB Radac, RE Precup, AI Stinean System Theory, Control and Computing (ICSTCC), 2015 19th International ...	7	2015
Adaptive control solutions for the position control of electromagnetic actuated clutch systems	CA Dragoș, S Preitl, RE Precup, EM Petriu, AI Stînean Intelligent Vehicles Symposium (IV), 2012 IEEE, 81-86	7	2012
2-DOF control solutions for BLDC-m drives	AI Stînean, S Preitl, RE Precup, CA Dragoș, MB Rădac Intelligent Systems and Informatics (SISY), 2011 IEEE 9th International ...	6	2011
Extensions in symmetrical optimum design method. Advantages, applications and perspectives	S Preitl, RE Precup, AI Stînean, CA Dragoș, MB Rădac Applied Computational Intelligence and Informatics (SACI), 2011 6th IEEE ...	6	2011
Low-cost neuro-fuzzy control solution for servo systems with variable parameters	AI Stinean, S Preitl, RE Precup, CA Dragos, MB Radac, EM Petriu Computational Intelligence and Virtual Environments for Measurement Systems ...	5	2013
Choosing a proper control structure for a mechatronic system with variable parameters	AI Stinean, S Preitl, RE Precup, CA Dragos, EM Petriu, MB Radac IFAC Proceedings Volumes 46 (6), 26-31	5	2013
Adaptive hybrid particle swarm optimization-gravitational search algorithm for fuzzy controller tuning	RE Precup, RC David, AI Stinean, MB Radac, EM Petriu Innovations in Intelligent Systems and Applications (INISTA) Proceedings ...	4	2014
Simulated annealing-based optimization of fuzzy models for magnetic levitation systems	CA Dragos, RE Precup, RC David, S Preitl, AI Stinean, EM Petriu IFSA World Congress and NAFIPS Annual Meeting (IFSA/NAFIPS), 2013 Joint, 286-291	4	2013

Titlu 1–20	Citat de	Anul
Modeling and control of an electric drive system with continuously variable reference, moment of inertia and load disturbance AI Stinean, S Preitl, RE Precup, CA Dragos, MB Radac, EM Petriu Control Conference (ASCC), 2013 9th Asian, 1-6	4	2013
Controller design methods for driving systems based on extensions of symmetrical optimum method with DC and BLDC motor applications S Preitl, AI Stînean, RE Precup, Z Preitl, EM Petriu, CA Dragoș, MB Rădac IFAC Proceedings Volumes 45 (3), 264-269	4	2012
Comparative case study of position control solutions for a mechatronics application C Dragos, S Preitl, R Precup, EM Petriu, A Stinean Advanced Intelligent Mechatronics (AIM), 2011 IEEE/ASME International ...	4	2011
Adaptable fuzzy control solutions for driving systems working under continuously variable conditions AI Stinean, S Preitl, RE Precup, CA Dragos, MB Radac, M Crainic Computational Intelligence and Informatics (CINTI), 2013 IEEE 14th ...	3	2013
2-DOF PI (D) Takagi-Sugeno and sliding mode controllers for BLDC drives AI Stînean, S Preitl, RE Precup, EM Petriu, CA Dragoș, MB Rădac Power Electronics and Motion Control Conference (EPE/PEMC), 2012 15th ...	3	2012
Grey wolf optimizer-based approach to the tuning of PI-fuzzy controllers with a reduced process parametric sensitivity RE Precup, RC David, EM Petriu, AI Szedlak-Stinean, CA Bojan-Dragos IFAC-PapersOnLine 49 (5), 55-60	2	2016
Evolving fuzzy models for the position control of twin rotor aerodynamic systems RE Precup, MB Radac, EM Petriu, RC Roman, TA Teban, ... Industrial Informatics (INDIN), 2016 IEEE 14th International Conference on ...	2	2016
Control structures for variable inertia output coupled drives S Preitl, RE Precup, AI Stînean, CA Dragos, MB Radac Logistics and Industrial Informatics (LINDI), 2012 4th IEEE International ...	2	2012
Takagi-Sugeno fuzzy control solutions for BLDC drives AI Stînean, S Preitl, RE Precup, EM Petriu, CA Dragoș, MB Rădac Power Electronics, Electrical Drives, Automation and Motion (SPEEDAM), 2012 ...	2	2012
Takagi-sugeno fuzzy control solutions for mechatronic applications CA Dragos, RE Precup, S Preitl, EM Petriu, AI Stinean International Journal of Artificial Intelligence 8 (S12), 45-65	2	2012

Datele și numărul de citate sunt estimate și determinate automat de un program de computer.