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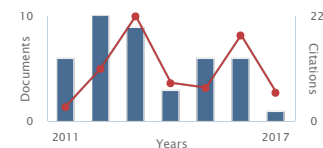
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Proportional-integral gain-scheduling control of a magnetic levitation system	Bojan-Dragos, C.-A., Precup, R.-E., Preitl, S., (...), Hughiet, E.G., Szedlak-Stinean, A.-I.	2016	2016 20th International Conference on System Theory, Control and Computing, ICSTCC 2016 - Joint Conference of SINTES 20, SACCs 16, SIMSIS 20 - Proceedings	0
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State feedback and proportional-integral-derivative control of a magnetic levitation system	Bojan-Dragos, C.-A., Preitl, S., Precup, R.-E., (...), Hughiet, E.G., Szedlak-Stinean, A.-I.	2016	SISY 2016 - IEEE 14th International Symposium on Intelligent Systems and Informatics, Proceedings	0
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An adaptable feedback control solution for a drive system with variable parameters	Szedlak-Stinean, A.-I., Preitl, S., Precup, R.-E., Bojan-Dragos, C.-A.	2016	SACI 2016 - 11th IEEE International Symposium on Applied Computational Intelligence and Informatics, Proceedings	0
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Particle Swarm Optimization of fuzzy models for electromagnetic actuated clutch systems	Bojan-Dragos, C.-A., Precup, R.-E., Preitl, S., Szedlak-Stinean, A.-I., Petriu, E.M.	2016	Proceedings of the 18th Mediterranean Electrotechnical Conference: Intelligent and Efficient Technologies and Services for the Citizen, MELECON 2016	0
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Grey Wolf Optimizer-Based Approach to the Tuning of Pi-Fuzzy Controllers with a Reduced Process Parametric Sensitivity	Precup, R.-E., David, R.-C., Petriu, E.M., Szedlak-Stinean, A.-I., Bojan-Dragos, C.-A.	2016	IFAC-PapersOnLine	2
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State feedback control solutions for a mechatronics system with variable moment of inertia	Szedlak-Stinean, A.-I., Precup, R.-E., Preitl, S., Petriu, E.M., Bojan-Dragos, C.-A.	2016	ICINCO 2016 - Proceedings of the 13th International Conference on Informatics in Control, Automation and Robotics	0
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Two data-driven control algorithms for a MIMO aerodynamic system with experimental validation	Roman, R.-C., Radac, M.-B., Precup, R.-E., Stinean, A.-I.	2015	2015 19th International Conference on System Theory, Control and Computing, ICSTCC 2015 - Joint Conference SINTES 19, SACCs 15, SIMSIS 19	6
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Model predictive control solution for magnetic levitation systems	Bojan-Dragos, C.-A., Stinean, A.-I., Precup, R.-E., Preitl, S., Petriu, E.M.	2015	2015 20th International Conference on Methods and Models in Automation and Robotics, MMAR 2015	1
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2015 20th International Conference on Methods and Models in Automation and Robotics, MMAR 2015 [View documents](#)
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Takagi-Sugeno PD+I fuzzy control of processes with variable moment of inertia	Stinean, A.-I., Bojan-Dragos, C.-A., Precup, R.-E., Preitl, S., Petriu, E.M.	2015	INISTA 2015 - 2015 International Symposium on Innovations in Intelligent SysTems and Applications, Proceedings	0
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Model predictive control of a mechatronic system with variable inputs	Stinean, A.-I., Preitl, S., Precup, R.-E., Bojan-Dragos, C.-A.	2015	SACI 2015 - 10th Jubilee IEEE International Symposium on Applied Computational Intelligence and Informatics, Proceedings	0
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Model predictive controllers for magnetic levitation systems	Sgaverdea, S., Bojan-Dragos, C.-A., Precup, R.-E., Preitl, S., Stinean, A.-I.	2015	SACI 2015 - 10th Jubilee IEEE International Symposium on Applied Computational Intelligence and Informatics, Proceedings	1
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Results on optimal tuning of fuzzy models of magnetic levitation systems	Precup, R.-E., Bojan-Dragos, C.-A., Petriu, E.M., Radac, M.-B., Stinean, A.-I.	2015	International Journal of Artificial Intelligence	1
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Study on experimental plant of positioning control solutions for processes with variable moment of inertia	Stinean, A.-I., Preitl, S., Precup, R.-E., Crainic, M.	2014	SACI 2014 - 9th IEEE International Symposium on Applied Computational Intelligence and Informatics, Proceedings	0
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Adaptive hybrid Particle Swarm Optimization-Gravitational Search Algorithm for fuzzy controller tuning	Precup, R.-E., David, R.-C., Stinean, A.-I., Radac, M.-B., Petriu, E.M.	2014	INISTA 2014 - IEEE International Symposium on Innovations in Intelligent Systems and Applications, Proceedings	3
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Frequency domain design of fractional order PI controllers for lambda control	Precup, R.-E., Bota, D.C., Dragos, C.-A., (...), Preitl, S., Radac, M.-B.	2014	2014 18th International Conference on System Theory, Control and Computing, ICSTCC 2014	0
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Adaptable fuzzy control solutions for driving systems working under continuously variable conditions	Stinean, A.-I., Preitl, S., Precup, R.-E., (...), Radac, M.-B., Crainic, M.	2013	CINTI 2013 - 14th IEEE International Symposium on Computational Intelligence and Informatics, Proceedings	2
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Solutions to avoid the worst case scenario in driving systems working under continuously variable conditions	Stinean, A.-I., Preitl, S., Precup, R.-E., (...), Petriu, E.M., Radac, M.-B.	2013	ICCC 2013 - IEEE 9th International Conference on Computational Cybernetics, Proceedings	2
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Low-cost neuro-fuzzy control solution for servo systems with variable parameters	Stinean, A.-I., Preitl, S., Precup, R.-E., (...), Radac, M.-B., Petriu, E.M.	2013	2013 IEEE International Conference on Computational Intelligence and Virtual Environments for Measurement Systems and Applications, CIVEMSA 2013 - Proceedings	3
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Choosing a proper control structure for a mechatronic system with variable parameters	Stinean, A.-I., Preitl, S., Precup, R.-E., (...), Petriu, E.M., Radac, M.-B.	2013	IFAC Proceedings Volumes (IFAC-PapersOnline)	2
View at Publisher				
Simulated annealing-based optimization of fuzzy models for magnetic levitation systems	Dragos, C.-A., Precup, R.-E., David, R.-C., (...), Stinean, A.-I., Petriu, E.M.	2013	Proceedings of the 2013 Joint IFSA World Congress and NAFIPS Annual Meeting, IFSA/NAFIPS 2013	2
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2-DOF control solutions for an electric drive system under continuously variable conditions	Stinean, A.-I., Preitl, S., Precup, R.-E., (...), Petriu, E.M., Radac, M.-B.	2013	SACI 2013 - 8th IEEE International Symposium on Applied Computational Intelligence and Informatics, Proceedings	1
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Design and experiments for model-free PI control of DC drives	Radac, M.-B., Achimescu, R.-A., Precup, R.-E., (...), Dragos, C.-A., Stinean, A.-I.	2013	SACI 2013 - 8th IEEE International Symposium on Applied Computational Intelligence and Informatics, Proceedings	0
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Modeling and control of an Electric drive system with continuously variable reference, moment of inertia and load disturbance	Stinean, A.-I., Preitl, S., Precup, R.-E., (...), Radac, M.-B., Petriu, E.M.	2013	2013 9th Asian Control Conference, ASCC 2013	4
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Data-driven performance improvement of control systems for three-tank systems	Precup, R.-E., Radac, M.-B., Petriu, E.M., (...), Preitl, S., Stinean, A.-I.	2013	2013 6th International Conference on Human System Interactions, HSI 2013	0
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Hybrid fuzzy control solutions for Brushless DC drives with variable moment of inertia	Stinean, A.-I., Preitl, S., Precup, R.-E., Dragoş, C.-A., Rădac, M.-B.	2012	2012 IEEE 10th Jubilee International Symposium on Intelligent Systems and Informatics, SISY 2012	5
View at Publisher				
Controller design methods for driving systems based on extensions of symmetrical optimum method with DC and BLDC motor applications	Preitl, S., Stinean, A.-I., Precup, R.-E., (...), Dragoş, C.-A., Rădac, M.-B.	2012	IFAC Proceedings Volumes (IFAC-PapersOnline)	1
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2-DOF PI(D) Takagi-Sugeno and sliding mode controllers for BLDC drives	Stinean, A.-I., Preitl, S., Precup, R.-E., (...), Dragoş, C.-A., Radac, M.-B.	2012	15th International Power Electronics and Motion Control Conference and Exposition, EPE-PEMC 2012 ECCE Europe	3
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Control structures for variable inertia output coupled drives	Preitl, S., Precup, R.-E., Stinean, A.-I., Dragoş, C.-A., Radac, M.-B.	2012	LINDI 2012 - 4th IEEE International Symposium on Logistics and Industrial Informatics, Proceedings	2
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Data-based tuning of PI controllers for vertical three-tank systems	Rădac, M.-B., Bigher, B.-A., Precup, R.-E., (...), Preitl, S., Stinean, A.-I.	2012	ICINCO 2012 - Proceedings of the 9th International Conference on Informatics in Control, Automation and Robotics	2
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Takagi-Sugeno fuzzy control solutions for BLDC drives	Stinean, A.-I., Preitl, S., Precup, R.-E., (...), Dragoş, C.-A., Rădac, M.-B.	2012	SPEEDAM 2012 - 21st International Symposium on Power Electronics, Electrical Drives, Automation and Motion	2
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Hybrid fuzzy controllers for non-minimum phase systems	Precup, R.-E., Preitl, S., Stinean, A.-I., Dragoş, C.-A., Rădac, M.-B.	2012	SACI 2012 - 7th IEEE International Symposium on Applied Computational Intelligence and Informatics, Proceedings	1
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Adaptive control solutions for the position control of electromagnetic actuated clutch systems	Dragoş, C.-A., Preitl, S., Precup, R.-E., Petriu, E.M., Stinean, A.-I.	2012	IEEE Intelligent Vehicles Symposium, Proceedings	5
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Novel iterative formulation of Correlation-Based Tuning	Cerveneak, B.-S., Rădac, M.-B., Precup, R.-E., (...), Preitl, S., Dragoş, C.-A.	2012	2012 IEEE International Conference on Industrial Technology, ICIT 2012, Proceedings	1
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Takagi-Sugeno fuzzy control solutions for mechatronic applications	Dragos, C.-A., Precup, R.-E., Preitl, S., Petriu, E.M., Stinean, A.-I.	2012	International Journal of Artificial Intelligence	4
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Alternative control solutions for vehicles with continuously variable transmission. A case study	Dragoş, C.-A., Preitl, S., Precup, R.-E., (...), Rădac, M.-B., Stinean, A.-I.	2011	15th International Conference on System Theory, Control and Computing, ICSTCC 2011	0
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State feedback fuzzy control solution for BLDC drives	Stinean, A.-I., Preitl, S., Precup, R.-E., (...), Rădac, M.-B., Petriu, E.M.	2011	12th IEEE International Symposium on Computational Intelligence and Informatics, CINTI 2011 - Proceedings	0
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2-DOF control solutions for BLDC-m drives	Stinean, A.-I., Preitl, S., Precup, R.-E., Dragoş, C.-A., Rădac, M.-B.	2011	SISY 2011 - 9th International Symposium on Intelligent Systems and Informatics, Proceedings	4
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A comparative case study of position control solutions for a mechatronics application	Dragoş, C.-A., Preitl, S., Precup, R.-E., Petriu, E.M., Stinean, A.-I.	2011	IEEE/ASME International Conference on Advanced Intelligent Mechatronics, AIM	3
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Speed and position control of BLDC servo systems with low inertia	Stinean, A.-I., Preitl, S., Precup, R.-E., (...), Dragoş, C.-A., Rădac, M.-B.	2011	2011 2nd International Conference on Cognitive Infocommunications, CogInfoCom 2011	8

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