Buss, Martin

Name:
Buss, Martin

Occurences:
• Einrichtungen > Forschungszentren > Institute for Advanced Study (IAS) > Fellows > Alumni
Entries:


[2/28]: Apostolopoulos, Sotiris; Leibold, Marion; Buss, Martin, Online motion planning over uneven terrain with walking primitives and regression, 2016 IEEE International Conference on Robotics and Automation (ICRA), IEEE, 2016

[3/28]: Apostolopoulos, Sotiris; Leibold, Marion; Buss, Martin, Energy Efficient and Robust Balancing with Motion Primitive Switching, International Journal of Humanoid Robotics, 2017, 14, 03, 1750009

[4/28]: Apostolopoulos, Sotiris; Leibold, Marion; Buss, Martin, Settling time reduction for underactuated walking robots, 2015 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS), Institute of Electrical and Electronics Engineers (IEEE), 2015


[6/28]: Bonetti, Daniela; Camilloni, Carlo; Visconti, Lorenzo; Longhi, Sonia; Brunori, Maurizio; Vendruscolo, Michele; Gianni, Stefano, Identification and Structural Characterization of an Intermediate in the Folding of the Measles Virus X Domain, Journal of Biological Chemistry, 2016, 291, 20, 10886-10892

[7/28]: De Nijis, Roderick Sebastiaan; Landsiedel, Christian; Wollherr, Dirk; Buss, Martin, Quadratization and Roof Duality of Markov Logic Networks, Journal of Artificial Intelligence Research, 2016, 55, 585-714

[8/28]: Donner, Philine; Christange, Franz; Buss, Martin, Fundamental dynamics based adaptive energy control for cooperative swinging of complex pendulum-like objects, 2015 54th IEEE Conference on Decision and Control (CDC), IEEE, 2015


[10/28]: Donner, Philine; Christange, Franz; Buss, Martin, Adaptive simple pendulum swing-up controller based on the closed-loop fundamental dynamics, 2015 European Control Conference (ECC), IEEE, 2015


[13/28]: Hayat, Rameez; Buss, Martin, Model identification for robot manipulators using regressor-free adaptive control, 2016 UKACC 11th International Conference on Control (CONTROL), IEEE, 2016


[15/28]: Kersting, Stefan; Buss, Martin, Removing erroneous history stack elements in concurrent learning, 2015 54th IEEE Conference on Decision and Control (CDC), IEEE, 2015

[16/28]: Kersting, Stefan; Buss, Martin, Concurrent learning adaptive identification of piecewise affine systems, 53rd IEEE Conference on Decision and Control, IEEE, 2014

[17/28]: Kersting, Stefan; Buss, Martin, An alternative approach to switching hyperplane estimation in PWA systems, 2015 American Control Conference (ACC), IEEE, 2015

[18/28]: Kersting, Stefan; Buss, Martin, Recursive estimation in piecewise affine systems using parameter identifiers and concurrent learning, International Journal of Control, 2017, 1-18

[19/28]: Kersting, Stefan; Buss, Martin, How to Systematically Distribute Candidate Models and Robust Controllers in Multiple-Model Adaptive Control: A Coverage Control Approach, IEEE Transactions on Automatic Control, 2018, 63, 4, 1075-1089

[20/28]: Khan, Sheraz; Dometios, Athanasios; Verginis, Chris; Tzafestas, Costas; Wollherr, Dirk; Buss, Martin, RMAP: a rectangular cuboid approximation framework for 3D environment mapping, Autonomous Robots, 2014, 37, 3, 261-277

[22/28]: Liu, Fangzhou; Buss, Martin, Optimal control for information diffusion over heterogeneous networks, 2016 IEEE 55th Conference on Decision and Control (CDC), IEEE, 2016


[24/28]: Passenberg, Benjamin; Leibold, Marion; Stursberg, Olaf; Buss, Martin, A Globally Convergent, Locally Optimal Min-H Algorithm for Hybrid Optimal Control, SIAM Journal on Control and Optimization, 2014, 52, 1, 718-746

[25/28]: Pekarovskyi, Alexander; Nierhoff, Thomas; Hirche, Sandra; Buss, Martin, Dynamically Consistent Online Adaptation of Fast Motions for Robotic Manipulators, IEEE Transactions on Robotics, 2018, 34, 1, 166-182

[26/28]: Schill, Markus M.; Gruber, Felix; Buss, Martin, Quasi-direct nonprehensile catching with uncertain object states, 2015 IEEE International Conference on Robotics and Automation (ICRA), IEEE, 2015

[27/28]: Turnwald, Annemarie; Althoff, Daniel; Wollherr, Dirk; Buss, Martin, Understanding Human Avoidance Behavior: Interaction-Aware Decision Making Based on Game Theory, International Journal of Social Robotics, 2016, 8, 2, 331-351

[28/28]: Yiyong Sun; Zengjie Zhang; Leibold, Marion; Hayat, Rameez; Wollherr, Dirk; Buss, Martin, Protective control for robot manipulator by sliding mode based disturbance reconstruction approach, 2017 IEEE International Conference on Advanced Intelligent Mechatronics (AIM), IEEE, 2017