Fakultät für Informatik

Name:
2016

Occurences:
· Einrichtungen > Fakultäten > Fakultät für Informatik > Lehrstühle der Informatik > Informatik 6 - Lehrstuhl für Echtzeitsysteme und Robotik (Prof. Knoll)
entries:

[1/60]: On Enlarging Backward Reachable Sets via Zonotopic Set Membership, 2016
[2/60]: A Formally Verified Checker of the Safe Distance Traffic Rules for Autonomous Vehicles, 2016
[4/60]: Feussner, Hubertus; Koller, Sebastian; Jensen, Brian; Farzaneh, Morteza Hashemi, Kombinierte viszeralmadizinische und transvaskuläre Eingriffe, 2016
[13/60]: Althoff, M.; Magdici, S., Set-Based Prediction of Traffic Participants on Arbitrary Road Networks, IEEE Transactions on Intelligent Vehicles, 2016, 1, 2, 187-202
[15/60]: Bagüés, Susana Alcalde; Feiten, Wendelin; Tiedemann, Tim; Backe, Christian; Gulati, Dhira; Lorenz, Steffen; Conradi, Peter, Towards Dynamic and Flexible Sensor Fusion for Automotive Applications, 77--89, Advanced Microsystems for Automotive Applications 2016: Smart Systems for the Automobile of the Future, Schulze, Tim; Müller, Beate; Meyer, Gereon, Springer International Publishing, 2016
[19/60]: Brandenbourger, Benjamin and Vathoopan, Milan and Zoitl, Alois, Engineering of Automation Systems using a Metamodel implemented in AutomationML, Industrial Informatics (INDIN), 2016 IEEE 14th International Conference on, 2016
[20/60]: Cai, Caixia; Somani, Nikhil; Knoll, Alois, Orthogonal Image Features for Visual Servoing of a 6-DOF Manipulator with Uncalibrated Stereo Cameras, IEEE transactions on Robotics, 2016, April
[21/60]: Chen, Chao; Rickert, Markus; Knoll, Alois, Combining Task and Motion Planning for Intersection Assistance Systems, Proceedings of the IEEE Intelligent Vehicles Symposium (IV), 2016


[26/60]: Farzaneh, Morteza Hashemi; Shafaei, Sina; Knoll, Alois, Formally verifiable modeling of in-vehicle time-sensitive networks (TSN) based on logic programming, 2016 IEEE Vehicular Networking Conference (VNC), IEEE, 2016

[27/60]: Feihu Zhang and Alois Knoll, Vehicle detection based on probability hypothesis density filter, Sensors, 2016

[28/60]: Feiten, Wendelin; Bagüés, Susana Alcalde; Fiegert, Michael; Zhang, Feihu; Gulati, Dhiraj; Tiedemann, Tim, A new concept for a cooperative fusion platform, 2016 IEEE International Conference on Multisensor Fusion and Integration for Intelligent Systems (MFI), 2016


[30/60]: Gulati, Dhiraj; Zhang, Feihu; Clarke, Daniel; Knoll, Alois, Vehicle infrastructure cooperative localization using Factor Graphs, 2016 IEEE Intelligent Vehicles Symposium (IV), 2016


[34/60]: Han, D.; El-Guindy, A.; Althoff, M., On Enlarging the Backward Reachable Sets via Zonotopic Set Membership, IEEE Multi-Conference on Systems and Control, 2016


[38/60]: Huang, Kai; Hu, Biao; Botsch, Jan; Madduri, Nikhil; Knoll, Alois, A Scalable Lane Detection Algorithm on COTSs with OpenCL, In Design, Automation and Test in Europe, 2016


[41/60]: Ievgen Smielik, Klaus Müller, and Klaus-Dieter Kuhnert, Fish motion simulation, 29th European Simulation and Modelling Conference, 2015


[43/60]: Ju, Wenbo; Valiollahi, Roudabeh; Ojani, Reza; Schneider, Oliver; Stimming, Ulrich, The Electrooxidation of Formic Acid on Pd Nanoparticles: an Investigation of Size-Dependent Performance, Electrocatalysis, 2016, 7, 2, 149-158


[49/60]: Rickert, Markus; Perzylo, Alexander, Industrieroboter für KMU: Flexible und intuitive Prozessbeschreibung, Industrie Management, 2016, 32, 2, Apr, 46--49


[52/60]: Schürmann, Bastian; El-Guindy, Ahmed; Althoff, Matthias, Closed-Form Expressions of Convex Combinations, Proc. of the American Control Conference, 2016

[53/60]: Seidl, Lukas; Martens, Slanana; Ma, Jiwei; Stimming, Ulrich; Schneider, Oliver, In situ scanning tunneling microscopy studies of the SEI formation on graphite electrodes for Li+-ion batteries, Nanoscale, 2016, 8, 29, 14004-14014


[55/60]: Somani, Nikhil; Rickert, Markus; Gaschler, Andre; Cai, Caixia; Perzylo, Alexander; Knoll, Alois, Task Level Robot Programming using Prioritized Non-Linear Inequality Constraints, Proceedings of the IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS), 2016

[56/60]: Vandesompele, Alexander; Walter, Florian; Rohrbein, Florian, Neuro-evolution of spiking neural networks on SpiNNaker neuromorphic hardware, 2016 IEEE Symposium Series on Computational Intelligence (SSCI), IEEE, 2016


[59/60]: Zhang, Feihu; Hinz, Gereon; Gulati, Dhiraj; Clarke, Daniel; Knoll, Alois, Cooperative Vehicle-Infrastructure Localization based on the Symmetric Measurement Equation Filter, Geoinformatica, 2016

[60/60]: Zhang, Feihu; Malovetz, Daniel; Gulati, Dhiraj; Clarke, Daniel; Knoll, Alois, Joint bias estimation and localization in factor graph, 2016 IEEE International Conference on Multisensor Fusion and Integration for Intelligent Systems (MFI), 2016