Fakultät für Informatik

Name:
Informatik 9 - Lehrstuhl für Bildverarbeitung und Mustererkennung (Prof. Cremers)

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[1/27]: Anika Schumann, Martin Sachenbacher, Jinbo Huang; Constraint-Based Optimal Testing Using DNNF Graphs; Lecture Notes in Computer Science; 2009; 5732; 731-745

[2/27]: Martin Sachenbacher, Martin Leucker; Modeling and Optimization for Efficient Electrical Mobility: Challenges from the E-Tour Project; CP Workshop on Constraint Reasoning and Optimization for Computational Sustainability (CROCS); 2009


[4/27]: Paul Maier, Martin Sachenbacher; Self-Monitoring and Control for Embedded Systems using Hybrid Constraint Automata; Self-X in Engineering; Benjamin Klöpper, Wilhelm Dangelmaier; Monsenstein und Vannederat; 2009

[5/27]: Paul Maier, Martin Sachenbacher, Thomas Rühr, Lukas Kuhn; Constraint-Based Integration of Plan Tracking and Prognosis for Autonomous Production; Lecture Notes in Computer Science; 2009; 5803

[6/27]: Stefan Heinz, Martin Sachenbacher; Using Model Counting to Find Optimal Distinguishing Tests; Lecture Notes in Computer Science; 2009; 5547; 117-131

[7/27]: Anika Schumann, Martin Sachenbacher, Jinbo Huang; Computing Optimal Tests for Non-deterministic Systems Using DNNF Graphs; Electronic Notes in Theoretical Computer Science; 2009; 253; 2; 87-99

[8/27]: Paul Maier; Self-Diagnosis and Self-Planning with Constraint-based Hybrid Models; Annual Conference of the Prognostics and Health Management Society (PHM-2009) Doctoral Consortium; San Diego, CA, September 27 – October 1, 2009; 2009

[9/27]: Paul Maier, Martin Sachenbacher, Thomas Rühr, Lukas Kuhn; Integrating Model-based Diagnosis and Prognosis in Autonomous Production; Annual Conference of the Prognostics and Health Management Society (PHM-2009); San Diego, CA, September 27 – October 1, 2009; 2009

[10/27]: Paul Maier, Martin Sachenbacher, Thomas Rühr, Lukas Kuhn; Integrated Plan Tracking and Prognosis for Autonomous Production Processes; 14th IEEE Conference on Emerging Technologies and Factory Automation (ETFA-2009); Mallorca, Spain, September 22-26, 2009; 2009

[11/27]: Paul Maier, Martin Sachenbacher, Thomas Rühr, Lukas Kuhn; Integrated Diagnosis and Plan Assessment for Autonomous Production Processes; IJCAI Workshop on Self-* and Autonomous Systems (SAS); 2009

[12/27]: Paul Maier, Martin Sachenbacher; Factory Monitoring and Control with Mixed Hardware/Software, Discrete/Continuous Models; 14th IEEE Conference on Emerging Technologies and Factory Automation (ETFA-2009); Mallorca, Spain, September 22-26, 2009; 2009

[13/27]: Paul Maier, Martin Sachenbacher; Diagnosis and Fault-adaptive Control for Mechatronic Systems using Hybrid Constraint Automata; Annual Conference of the Prognostics and Health Management Society (PHM-2009); San Diego, CA, September 27 – October 1, 2009; 2009

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[14/27]: Andreas Artmeier; Models and Algorithms for Efficient Electromobility; 2nd International Conference on Computational Sustainability (CompSust) Doctoral Consortium; 2010

[15/27]: Martin Sachenbacher; The Shortest Path Problem Revisited: Optimal routing for Electric Vehicles; 2nd International Conference on Computational Sustainability (CompSust); 2010

[16/27]: Paul Maier, Martin Sachenbacher; Receding Time Horizon Self-Tracking and Assessment for Autonomous Manufacturing; KI Workshop on Self-X in Engineering; 2010

[17/27]: Anika Schumann, Jinbo Huang, Martin Sachenbacher; Computing Cost-Optimal Definitely Discriminating Tests; Twenty-Fourth AAAI Conference on Artificial Intelligence (AAAI-2010); 2010
[18/27]: Andreas Artmeier, Julian Haselmayr, Martin Leucker, and Martin Sachenbacher; The optimal routing problem in the context of battery-powered electric vehicles; CPAIOR Workshop on Constraint Reasoning and Optimization for Computational Sustainability (CROCS); 2010

[19/27]: Andreas Artmeier, Julian Haselmayr, Martin Leucker, Martin Sachenbacher; The Shortest Path Problem Revisited: Optimal Routing for Electric Vehicles; 33rd Annual German Conference on Artificial Intelligence (KI-2010); Accepted for publication; 2010

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[21/27]: Paul Maier, Martin Sachenbacher, Thomas Rühr, Lukas Kuhn; Automated plan assessment in cognitive manufacturing; Advanced Engineering Informatics; 2010; 24; 4; Aug; 308-319

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[22/27]: Martin Sachenbacher, Paul Maier; Test Strategy Generation Using Quantified CSPs; 14th International Conference on Principles and Practice of Constraint Programming (CP-2008); 2008

[23/27]: Paul Maier, Martin Sachenbacher; Constraint Optimization and Abstraction for Embedded Intelligent Systems; 338--342; Fifth International Conference on Integration of AI and OR Techniques in Constraint Programming for Combinatorial Optimization Problems (CPAIOR-2008); 2008

[24/27]: Paul Maier, Martin Sachenbacher; Adaptive Domain Abstraction in a Soft-Constraint Message-Passing Algorithm; 9th Workshop on Preferences and Soft Constraints (SOFT-2008); 2008

[25/27]: Paul Maier; Adaptive Abstraction of Constraint-Based Models for Self-Diagnosis and Planning; 1859--1860; Twenty-Third AAAI Conference on Artificial Intelligence (AAAI-2008)/sigart doctoral consortium; The AAAI Press; 2008

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[27/27]: Maier, Paul; Jain, Dominik; Sachenbacher, Martin, Diagnostic Hypothesis Enumeration vs. Probabilistic Inference for Hierarchical Automata Models, Workshop Proc. DX-2011, 2011