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Publications:

A tighter bound for the self-stabilization time in Herman's algorithm

Feng, Y. & Zhang, L. 2013 In : Information Processing Letters. 113, 13, p. 486-488 Publication: Research - peer-review > Journal article – Annual report year: 2013

Bisimulations meet PCTL equivalences for probabilistic automata

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Gao, Y., Xu, M., Zhan, N. & Zhang, L. 2013 In : Information Processing Letters. 113, 1-2, p. 44-50 Publication: Research - peer-review > Journal article – Annual report year: 2013

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Jansen, D. N., Nielson, F. & Zhang, L. 2012 NASA Formal Methods: 4th International Symposium, NFM 2012, Norfolk, VA, USA, April 3-5, 2012. Proceedings. Springer, p. 326-340 (Lecture Notes in Computer Science, Vol. 7226). Publication: Research - peer-review > Article in proceedings – Annual report year: 2012

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Safety Verification for Probabilistic Hybrid Systems

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From Concurrency Models to Numbers: Performancd and Dependability

Hermanns, H. & Zhang, L. 2011 NATO Science for Peace and Security Series: D: Information and Communication Security. IOS Press, Vol. 30, p. 182-210 Publication: Research > Book chapter – Annual report year: 2011

Game-based Abstraction and Controller Synthesis for Probabilistic Hybrid Systems

Hahn, E. M., Norman, G., Parker, D., Wachter, B. & Zhang, L. 2011 2011 Eighth International Conference on Quantitative Evaluation of Systems (QEST).

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On Probabilistic Automata in Continuous Time

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Time-Bounded Reachability in Distributed Input/Output Interactive Probabilistic Chains

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Time-Bounded Reachability Probabilities in Continuous-Time Markov Decision Processes

Neuhäußer, M. R. & Zhang, L. 2010 In : Sixth International Conference on the Quantitative Evaluation of Systems. Publication: Research - peer-review > Conference article – Annual report year: 2010

Projects:

Logics and models for stochastic analysis of information systems Zeng, K., Nielsen, B. F., Nielson, F., Zhang, L., Buchholz, P. & Hillston, J. 01/11/2009 \rightarrow 07/03/2013 Project: PhD