

BIBLIOGRAPHY

- Abrahám, E., Jansen, N., Wimmer, R., Katoen, J.P. and Becker, B., 2010, September. DTMC model checking by SCC reduction. In *Quantitative Evaluation of Systems (QEST), 2010 Seventh International Conference on the* (pp. 37-46). IEEE.
- Alur, R. and Henzinger, T.A., 1999. Reactive modules. *Formal methods in system design*, 15(1), pp.7-48.
- Bohnenkamp, H., Stok, P., Hermanns, H. and Vaandrager, F., 2003. Cost-optimisation of the IPv4 zeroconf protocol.
- Bortolussi, L., Milios, D. and Sanguinetti, G., 2016. Smoothed model checking for uncertain continuous-time Markov chains. *Information and Computation*, 247, pp.235-253.
- Daws, C., 2004, September. Symbolic and parametric model checking of discrete-time Markov chains. In *International Colloquium on Theoretical Aspects of Computing* (pp. 280-294). Springer Berlin Heidelberg.
- Dehnert, C., Junges, S., Jansen, N., Corzilius, F., Volk, M., Bruintjes, H., Katoen, J.P. and Abraham, E., 2015, July. Prophecy: A probabilistic parameter synthesis tool. In *International Conference on Computer Aided Verification* (pp. 214-231). Springer International Publishing.
- Hahn, E.M., 2008. *Parametric Markov model analysis* (Doctoral dissertation, Saarland University).
- Hahn, E.M., Hermanns, H., Wachter, B. and Zhang, L., 2010, July. PARAM: A model checker for parametric Markov models. In *International Conference on Computer Aided Verification* (pp. 660-664). Springer Berlin Heidelberg.
- Hahn, E.M., Hermanns, H. and Zhang, L., 2011. Probabilistic reachability for parametric Markov models. *International Journal on Software Tools for Technology Transfer*, 13(1), pp.3-19.

- Hansson, H. and Jonsson, B., 1994. A logic for reasoning about time and reliability. *Formal aspects of computing*, 6(5), pp.512-535.
- Katoen, J.P., Zapreev, I.S., Hahn, E.M., Hermanns, H. and Jansen, D.N., 2011. The ins and outs of the probabilistic model checker MRMC. *Performance evaluation*, 68(2), pp.90-104.
- Kemeny, J.G., Knapp, A.W. and Snell, J.L., 1976. Denumerable Markov chains: with a chapter of Markov random fields by David Griffeath.
- Kwiatkowska, M., Norman, G. and Parker, D., 2007, May. Stochastic model checking. In *SFM* (Vol. 7, pp. 220-270).
- Kwiatkowska, M., Norman, G. and Parker, D., 2011. PRISM 4.0: Verification of probabilistic real-time systems. In *Computer aided verification* (pp. 585-591). Springer Berlin/Heidelberg.
- Legay, A., Delahaye, B. and Bensalem, S., 2010. Statistical Model Checking: An Overview. *RV*, 10, pp.122-135.
- Reiter, M.K. and Rubin, A.D., 1998. Crowds: Anonymity for web transactions. *ACM transactions on information and system security (TISSEC)*, 1(1), pp.66-92.
- Sen, K., Viswanathan, M. and Agha, G., 2004, July. Statistical model checking of black-box probabilistic systems. In *International Conference on Computer Aided Verification* (pp. 202-215). Springer, Berlin, Heidelberg.
- Sen, K., Viswanathan, M. and Agha, G., 2005, July. On Statistical Model Checking of Stochastic Systems. In *CAV* (Vol. 3576, pp. 266-280).
- Shmatikov, V., 2002. Probabilistic analysis of anonymity. In *Computer Security Foundations Workshop, 2002. Proceedings. 15th IEEE* (pp. 119-128). IEEE.
- Volk, M., Katoen, I.J.P., Corzilius, D.I.F. and Jansen, D.I.N., 2012. Verification and Synthesis for Parametric Markov Chains.

Wackerly, D., Mendenhall, W. and Scheaffer, R., 2007. *Mathematical statistics with applications*. Nelson Education.

Wald, A., 1945. Sequential tests of statistical hypotheses. *The Annals of Mathematical Statistics*, 16(2), pp.117-186.

Younes, H.L., Kwiatkowska, M., Norman, G. and Parker, D., 2006. Numerical vs. statistical probabilistic model checking. *International Journal on Software Tools for Technology Transfer*, 8(3), pp.216-228.

Younes, H.L. and Simmons, R.G., 2002, July. Probabilistic verification of discrete event systems using acceptance sampling. In *International Conference on Computer Aided Verification* (pp. 223-235). Springer, Berlin, Heidelberg.