

Publikationen

Hendrik Baumann, Thomas Hanschke.

[Inherent Numerical Instability in Computing Invariant Measures of Markov Chains.](#)
Applied Mathematics 8 (9): 1367–1385, 2017.

Hendrik Baumann, Werner Sandmann.

[Multi-Server Tandem Queue with Markovian Arrival Process, Phase-Type Service Times, and Finite Buffers.](#)
European Journal of Operational Research 256 (1): 187–195, 2017.

Hendrik Baumann, Werner Sandmann.

[Structured Modeling and Analysis of Stochastic Epidemics with Immigration and Demographic Effects.](#)
PLoS ONE 11(3): e0152144, 2016.

Hendrik Baumann.

[Two-sided continued fractions in Banach algebras- A Śleszyński-Pringsheim-type convergence criterion and applications.](#)
Journal of Approximation Theory 199 (C): 13–28, 2015.

Hendrik Baumann, Werner Sandmann.

[Bounded Truncation Error for Long Run Averages in Infinite Markov Chains.](#)
Journal of Applied Probability 52(3): 609–621, 2015.

Hendrik Baumann, Werner Sandmann.

[On Finite Long Run Costs and Rewards in Infinite Markov Chains.](#)
Statistics & Probability Letters 91: 41–46, 2014.

Hendrik Baumann, Tugrul Dayar, M. Can Orhan, Werner Sandmann.

[On the Numerical Solution of Kronecker-based Infinite Level-Dependent QBD Processes.](#)
Performance Evaluation 70 (9): 663–681, 2013.

Hendrik Baumann.

[A Pringsheim-type convergence criterion for continued fractions in Banach algebras.](#)
Journal of Approximation Theory 166: 154–162, 2015.

Hendrik Baumann, Werner Sandmann.

[Computing Stationary Expectations in Level-Dependent QBD Processes.](#)
Journal of Applied Probability 50 (1): 151–165, 2013.

Hendrik Baumann, Werner Sandmann.

[Steady State Analysis of Level Dependent Quasi-Birth-and-Death Processes with Catastrophes.](#)

trophes.

Computers & Operations Research 39 (2): 413–423, 2012.

Hendrik Baumann, Werner Sandmann.

Markovian Modeling and Security Measure Analysis for Networks under Flooding DoS Attacks.

Proceedings of the 20th Euromicro International Conference on Parallel, Distributed, and Network-Based Processing, PDP, pp. 298–302, 2012.

Hendrik Baumann, Werner Sandmann.

Numerical Solution of Level Dependent Quasi-Birth-and-Death Processes.

Procedia Computer Science 1 (1): 1561–1569, 2010.