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Publications  

Computing Probabilistic Bisimilarity Distances for Probabilistic Automata  

Quantitative Equational Reasoning  

Converging from branching to linear metrics on Markov chains  

Computing Probabilistic Bisimilarity Distances for Probabilistic Automata  

Reasoning About Bounds in Weighted Transition Systems  

Free complete Wasserstein algebras  

A Hemimetric Extension of Simulation for Semi-Markov Decision Processes  

An Algebraic Theory of Markov Processes  

Boolean-valued semantics for the stochastic Lambda-calculus  

Complete Axiomatization for the Total Variation Distance of Markov Chains  

Weighted branching systems: Behavioural equivalence, behavioural distance, and their logical characterisations  
A complete quantitative deduction system for the bisimilarity distance on Markov chains  

On decidability of recursive weighted logics  

Riesz Modal logic for Markov processes  

Timed Comparisons of Semi-Markov Processes  

On the axiomatizability of quantitative algebras  

Unrestricted stone duality for Markov processes  

A Complete Quantitative Deduction System for the Bisimilarity Distance on Markov Chains  

Models, Algorithms, Logics and Tools: Essays Dedicated to Kim Guldstrand Larsen on the Occasion of His 60th Birthday  

On-the-Fly Computation of Bisimilarity Distances  

On the Metric-Based Approximate Minimization of Markov Chains  

A Complete Approximation Theory for Weighted Transition Systems  

Complete Axiomatization for the Bisimilarity Distance on Markov Chains  

Probabilistic Mu-Calculus: Decidability and Complete Axiomatization  
A Metrized Duality Theorem for Markov Processes

Bisimulation on Markov Processes over Arbitrary Measurable Spaces

Continuity Properties of Distances for Markov Processes

The Behavior of Probabilistic Systems: From Equivalences to Behavioral Distances

The measurable space of stochastic processes

Computing Behavioral Distances, Compositionally

On-the-Fly Exact Computation of Bisimilarity Distances

Stochastic Pi-calculus Revisited

Stone Duality for Markov Processes

Strong Completeness for Markovian Logics

The BisimDist Library: Efficient Computation of Bisimilarity Distances for Markovian Models
Continuous Markovian Logics: Axiomatization and Quantified Metatheory

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A Metric Analogue of Stone Duality for Markov Processes

Combining Epistemic Logic and Hennessy-Milner Logic

Decidability of Modular Logics for Concurrency

Parameterized Metatheory for Continuous Markovian Logic

Stone Duality for Markov Processes

Taking It to the Limit: Approximate Reasoning for Markov Processes

Modular Markovian logic

An Observer-Based De-Quantisation of Deutsch's Algorithm

Continuous Markovian Logic - From Complete Axiomatization to the Metric Space of Formulas

Logical Analysis of Complex Concurrent Systems: Dynamic-Epistemic Spatial Logics for Process Algebras

The Measurable Space of Stochastic Processes

Analysing Biochemical Oscillations through Probabilistic Model Checking
A Complete Axiomatic System for Process-based Spatial Logic

A Logical Characterization of Robustness, Mutants and Species in Colonies of Synchronizing Agents

A Multiset-Based Model of Synchronizing Agents: Computability and Robustness

A Calculus for Modelling, Simulating and Analysing Compartmentalized Biological Systems

BetaWB - A language for modular representation of biological systems

Bio-Logics
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Colonies of synchronizing agents: An abstract model of intracellular and intercellular processes

Observing Distributed Computation. A Dynamic-Epistemic Approach

Decidable extensions of Hennessy-Milner Logic

Playing with partial knowledge in membrane systems: A logical approach

Logical analysis of biological systems

Model checking biological systems described using ambient calculus

A logical approach to security in the context of Ambient Calculus