

THE ANNALS *of* APPLIED PROBABILITY

AN OFFICIAL JOURNAL OF THE
INSTITUTE OF MATHEMATICAL STATISTICS

Articles

On the stochastic behaviour of optional processes up to random times CONSTANTINOS KARDARAS	429
A polynomial time approximation scheme for computing the supremum of Gaussian processes RAGHU MEKA	465
Viral processes by random walks on random regular graphs MOHAMMED ABDULLAH, COLIN COOPER AND MOEZ DRAIEF	477
Central limit theorems for an Indian buffet model with random weights PATRIZIA BERTI, IRENE CRIMALDI, LUCA PRATELLI AND PIETRO RIGO	523
Large deviations for Markovian nonlinear Hawkes processes LINGJIONG ZHU	548
A generalized backward scheme for solving nonmonotonic stochastic recursions P. MOYAL	582
Limit theorems for nearly unstable Hawkes processes THIBAUT JAISSON AND MATHIEU ROSENBAUM	600
Spatial preferential attachment networks: Power laws and clustering coefficients EMMANUEL JACOB AND PETER MÖRTERS	632
On the expected total number of infections for virus spread on a finite network ANTAR BANDYOPADHYAY AND FARKHONDEH SAJADI	663
Limit theorems for Smoluchowski dynamics associated with critical continuous-state branching processes GAUTAM IYER, NICHOLAS LEGER AND ROBERT L. PEGO	675
Exponential moments of affine processes MARTIN KELLER-RESSEL AND EBERHARD MAYERHOFER	714
Universality in polytope phase transitions and message passing algorithms MOHSEN BAYATI, MARC LELARGE AND ANDREA MONTANARI	753
Arbitrage and duality in nondominated discrete-time models BRUNO BOUCHARD AND MARCEL NUTZ	823
Finiteness of entropy for the homogeneous Boltzmann equation with measure initial condition NICOLAS FOURNIER	860
Gibbs measures on permutations over one-dimensional discrete point sets MAREK BISKUP AND THOMAS RICHTHAMMER	898
Large deviations for cluster size distributions in a continuous classical many-body system SABINE JANSEN, WOLFGANG KÖNIG AND BERND METZGER	930
Approximation algorithms for the normalizing constant of Gibbs distributions MARK HUBER	974
A decreasing step method for strongly oscillating stochastic models CAMILO ANDRÉS GARCÍA TRILLOS	986
Convergence properties of pseudo-marginal Markov chain Monte Carlo algorithms CHRISTOPHE ANDRIEU AND MATTI VIHOLA	1030