

THE ANNALS *of* APPLIED PROBABILITY

AN OFFICIAL JOURNAL OF THE
INSTITUTE OF MATHEMATICAL STATISTICS

Articles

Parameter and dimension dependence of convergence rates to stationarity for reflecting Brownian motions	SAYAN BANERJEE AND AMARJIT BUDHIRAJA	2005
A limit theorem for the survival probability of a simple random walk among power-law renewal obstacles	JULIEN POISAT AND FRANÇOIS SIMENHAUS	2030
Geometric ergodicity of the Bouncy Particle Sampler	ALAIN DURMUS, ARNAUD GUILLIN AND PIERRE MONMARCHÉ	2069
Imaginary multiplicative chaos: Moments, regularity and connections to the Ising model	JANNE JUNNILA, EERO SAKSMAN AND CHRISTIAN WEBB	2099
Stochastic equation and exponential ergodicity in Wasserstein distances for affine processes	MARTIN FRIESEN, PENG JIN AND BARBARA RÜDIGER	2165
Square permutations are typically rectangular	JACOPO BORGA AND ERIK SLIVKEN	2196
Hamilton–Jacobi equations for finite-rank matrix inference	J.-C. MOURRAT	2234
The two-type Richardson model in the half-plane	DANIEL AHLBERG, MARIA DEIJFEN AND CHRISTOPHER HOFFMAN	2261
Pathwise stochastic control with applications to robust filtering	ANDREW L. ALLAN AND SAMUEL N. COHEN	2274
Propagation of chaos and the many-demes limit for weakly interacting diffusions in the sparse regime	MARTIN HUTZENTHALER AND DANIEL PIEPER	2311
Pathwise McKean–Vlasov theory with additive noise	MICHELE COGHI, JEAN-DOMINIQUE DEUSCHEL, PETER K. FRIZ AND MARIO MAURELLI	2355
Stochastic approximation on noncompact measure spaces and application to measure-valued Pólya processes	CÉCILE MAILLER AND DENIS VILLEMONAIS	2393
Rarity of extremal edges in random surfaces and other theoretical applications of cluster algorithms	OMRI COHEN-ALLORO AND RON PELED	2439
Functional large deviations for Cox processes and $Cox/G/\infty$ queues, with a biological application	JUSTIN DEAN, AYALVADI GANESH AND EDWARD CRANE	2465
Asymptotic theory of sparse Bradley–Terry model	RUIJIAN HAN, ROUGANG YE, CHUNXI TAN AND KANI CHEN	2491