

THE ANNALS *of* APPLIED PROBABILITY

AN OFFICIAL JOURNAL OF THE
INSTITUTE OF MATHEMATICAL STATISTICS

| | |
|--|------|
| The shape of multidimensional Brunet–Derrida particle systems NATHANAËL BERESTYCKI AND LEE ZHUO ZHAO | 651 |
| On directional derivatives of Skorokhod maps in convex polyhedral domains DAVID LIPSHUTZ AND KAVITA RAMANAN | 688 |
| Spatial Gibbs random graphs . . . JEAN-CHRISTOPHE MOURRAT AND DANIEL VALESIN | 751 |
| On the stability and the uniform propagation of chaos properties of Ensemble Kalman–Bucy filters P. DEL MORAL AND J. TUGAUT | 790 |
| A large scale analysis of unreliable stochastic networks REZA AGHAJANI, PHILIPPE ROBERT AND WEN SUN | 851 |
| Reflected backward stochastic differential equations with resistance ZHONGMIN QIAN AND MINGYU XU | 888 |
| Zooming in on a Lévy process at its supremum JEVGENIJS IVANOV | 912 |
| Spectral gap of random hyperbolic graphs and related parameters MARCOS KIWI AND DIETER MITSCHKE | 941 |
| A phase transition regarding the evolution of bootstrap processes in inhomogeneous random graphs . . NIKOLAOS FOUNTOLAKIS, MIHYUN KANG, CHRISTOPH KOCH AND TAMÁS MAKAI | 990 |
| Sharp thresholds for contagious sets in random graphs OMER ANGEL AND BRETT KOLESNIK | 1052 |
| The sample size required in importance sampling SOURAV CHATTERJEE AND PERSI DIACONIS | 1099 |
| Uniqueness and propagation of chaos for the Boltzmann equation with moderately soft potentials LIPING XU | 1136 |
| A random matrix approach to neural networks COSME LOUART, ZHENYU LIAO AND ROMAIN COUILLET | 1190 |
| Phase transitions in the one-dimensional Coulomb gas ensembles . . TATYANA S. TUROVA | 1249 |
| Random cluster dynamics for the Ising model is rapidly mixing HENG GUO AND MARK JERRUM | 1292 |