

THE ANNALS

of

PROBABILITY

*AN OFFICIAL JOURNAL OF THE
INSTITUTE OF MATHEMATICAL STATISTICS*

Articles

Phase transition of the largest eigenvalue for nonnull complex sample covariance matrices	JINHO BAIK, GÉRARD BEN AROUS AND SANDRINE PÉCHÉ	1643
Characterization of Palm measures via bijective point-shifts	MATTHIAS HEVELING AND GÜNTER LAST	1698
Self-interacting diffusions. III. Symmetric interactions	MICHEL BENAÏM AND OLIVIER RAIMOND	1716
Diffusion in random environment and the renewal theorem	DIMITRIOS CHELIOTIS	1760
Null flows, positive flows and the structure of stationary symmetric stable processes	GENNADY SAMORODNITSKY	1782
A definition and some characteristic properties of pseudo-stopping times	ASHKAN NIKEGHBALI AND MARC YOR	1804
The evolution of a random vortex filament	HAKIMA BESSAIH, MASSIMILIANO GUBINELLI AND FRANCESCO RUSSO	1825
An almost sure invariance principle for the range of planar random walks	RICHARD F. BASS AND JAY ROSEN	1856
Random subgraphs of finite graphs. II. The lace expansion and the triangle condition	CHRISTIAN BORGES, JENNIFER T. CHAYES, REMCO VAN DER HOFSTAD, GORDON SLADE AND JOEL SPENCER	1886
Multivariate spatial central limit theorems with applications to percolation and spatial graphs	MATHEW D. PENROSE	1945
Large deviations and ruin probabilities for solutions to stochastic recurrence equations with heavy-tailed innovations	DIMITRIOS G. KONSTANTINIDES AND THOMAS MIKOSCH	1992
An urn model of Diaconis	D. SIEGMUND AND B. YAKIR	2036
Hitting and return times in ergodic dynamical systems	N. HAYDN, Y. LACROIX AND S. VAIENTI	2043