

# THE ANNALS *of* PROBABILITY

*AN OFFICIAL JOURNAL OF THE  
INSTITUTE OF MATHEMATICAL STATISTICS*

## Articles

Identification of the Polaron measure in strong coupling and the Pekar variational formula .....	CHIRANJIB MUKHERJEE AND S. R. S. VARADHAN	2119
On the absolute continuity of random nodal volumes .....	JÜRGEN ANGST AND GUILLAUME POLY	2145
On the number of maximal paths in directed last-passage percolation .....	HUGO DUMINIL-COPIN, HARRY KESTEN, FEDOR NAZAROV, YUVAL PERES AND VLADAS SIDORAVICIUS	2176
Inverting the Markovian projection, with an application to local stochastic volatility models .....	DANIEL LACKER, MYKHAYLO SHKOLNIKOV AND JIACHENG ZHANG	2189
Deterministic walks in random environment .....	ROMAIN AIMINO AND CARLANGELO LIVERANI	2212
Martingale Benamou–Brenier: A probabilistic perspective .....	JULIO BACKHOFF-VERAGUAS, MATHIAS BEIGLBÖCK, MARTIN HUESMANN AND SIGRID KÄLLBLAD	2258
Fractional diffusion limit for a kinetic equation with an interface .....	TOMASZ KOMOROWSKI, STEFANO OLLA AND LENYA RYZHIK	2290
Limit profile for random transpositions .....	LUCAS TEYSSIER	2323
Solution of the Kolmogorov equation for TASEP .....	MIHAI NICA, JEREMY QUASTEL AND DANIEL REMENIK	2344
Anomalous diffusion for multi-dimensional critical kinetic Fokker–Planck equations .....	NICOLAS FOURNIER AND CAMILLE TARDIF	2359
Nonlinear large deviation bounds with applications to Wigner matrices and sparse Erdős–Rényi graphs .....	FANNY AUGERI	2404
Mixing time of the adjacent walk on the simplex .....	PIETRO CAPUTO, CYRIL LABBÉ AND HUBERT LACOIN	2449
The CLT in high dimensions: Quantitative bounds via martingale embedding .....	RONEN ELDAN, DAN MIKULINCIER AND ALEX ZHAI	2494
Large deviations and localization of the microcanonical ensembles given by multiple constraints .....	KYEONGSIK NAM	2525

*Continued on back cover*

# THE ANNALS *of* PROBABILITY

*AN OFFICIAL JOURNAL OF THE*  
INSTITUTE OF MATHEMATICAL STATISTICS

**Articles—Continued from front cover**

- The Aldous chain on cladograms in the diffusion limit  
WOLFGANG LÖHR, LEONID MYTKIK AND ANITA WINTER 2565  
Anisotropic bootstrap percolation in three dimensions ..... DANIEL BLANQUICETT 2591  
Limiting entropy of determinantal processes ..... ANDRÁS MÉSZAROS 2615

**Errata**

- Mean field games with common noise  
RENÉ CARMONA, FRANÇOIS DELARUE AND DANIEL LACKER 2644