

# THE ANNALS *of* PROBABILITY

*AN OFFICIAL JOURNAL OF THE*  
INSTITUTE OF MATHEMATICAL STATISTICS

## Articles

- Existence of the zero range process and a deposition model with superlinear growth rates  
M. BALÁZS, F. RASSOUL-AGHA, T. SEPPÄLÄINEN AND S. SETHURAMAN 1201
- Phase transitions for the long-time behavior  
of interacting diffusions ..... A. GREVEN AND F. DEN HOLLANDER 1250
- Joint density for the local times of continuous-time Markov chains  
DAVID BRYDGES, REMCO VAN DER HOFSTAD AND WOLFGANG KÖNIG 1307
- Harnack inequality and applications for stochastic generalized  
porous media equations ..... FENG-YU WANG 1333
- Curve crossing for random walks reflected  
at their maximum ..... RON DONEY AND ROSS MALLER 1351
- Rosenthal type inequalities for  
free chaos ..... MARIUS JUNGE, JAVIER PARCET AND QUANHUA XU 1374
- Stochastic integration in UMD Banach spaces  
J. M. A. M. VAN NEERVEN, M. C. VERAAR AND L. WEIS 1438
- On the structure of general mean-variance  
hedging strategies ..... ALEŠ ČERNÝ AND JAN KALLSEN 1479
- On asymptotics of eigenvectors of large sample  
covariance matrix ..... Z. D. BAI, B. Q. MIAO AND G. M. PAN 1532
- A note on multitype branching processes with  
immigration in a random environment ..... ALEXANDER ROITERSHTEIN 1573
- Central limit theorems for Gaussian polytopes ..... IMRE BÁRÁNY AND VAN VU 1593