

# THE ANNALS *of* PROBABILITY

*AN OFFICIAL JOURNAL OF THE*  
INSTITUTE OF MATHEMATICAL STATISTICS

## Articles

- Quantitative normal approximation of linear statistics of  $\beta$ -ensembles  
GAULTIER LAMBERT, MICHEL LEDOUX AND CHRISTIAN WEBB 2619
- Universality of local statistics for noncolliding random walks  
VADIM GORIN AND LEONID PETROV 2686
- Sampling perspectives on sparse exchangeable graphs  
CHRISTIAN BORGS, JENNIFER T. CHAYES, HENRY COHN AND VICTOR VEITCH 2754
- Self-avoiding walk on nonunimodular transitive graphs . . . . . TOM HUTCHCROFT 2801
- Heat kernel estimates for symmetric jump processes with mixed polynomial  
growths . . . . . JOOHAK BAE, JAEHOON KANG, PANKI KIM AND JAEHUN LEE 2830
- Geometric structures of late points of a two-dimensional simple random walk  
IZUMI OKADA 2869
- Distribution flows associated with positivity preserving coercive forms  
XIAN CHEN, ZHI-MING MA AND XUE PENG 2894
- Weak Poincaré inequalities for convergence rate of degenerate diffusion  
processes . . . . . MARTIN GROTHAUS AND FENG-YU WANG 2930
- 1-stable fluctuations in branching Brownian motion at critical temperature I:  
The derivative martingale . . . . . PASCAL MAILLARD AND MICHEL PAIN 2953
- On the transient (T) condition for random walk in mixing environment  
ENRIQUE GUERRA AGUILAR 3003
- Finitary isomorphisms of Poisson point processes  
TERRY SOO AND AMANDA WILKENS 3055
- The tail expansion of Gaussian multiplicative chaos and the Liouville reflection  
coefficient . . . . . RÉMI RHODES AND VINCENT VARGAS 3082
- Strong differential subordinates for noncommutative submartingales  
YONG JIAO, ADAM OSĘKOWSKI AND LIAN WU 3108
- Cone points of Brownian motion in arbitrary dimension  
YOTAM ALEXANDER AND RONEN ELKAN 3143
- Cutoff for the mean-field zero-range process . . . . MATHIEU MERLE AND JUSTIN SALEZ 3170
- Asymptotic zero distribution of random orthogonal polynomials  
THOMAS BLOOM AND DUNCAN DAUVERGNE 3202

*Continued on back cover*