

THE ANNALS of PROBABILITY

AN OFFICIAL JOURNAL OF
THE INSTITUTE OF MATHEMATICAL STATISTICS

Special Invited Paper

- Diffusive clustering in the two dimensional voter model
J. THEODORE COX AND DAVID GRIFFEATH 347

Articles

- Duality for general attractive spin systems with applications in one dimension
LAWRENCE GRAY 371
- Central limit theorems for infinite series of queues and applications to simple
exclusion CLAUDE KIPNIS 397
- Asymptotic equivalence of fluctuation fields for reversible exclusion processes with
speed change A. DE MASI, E. PRESUTTI, H. SPOHN AND W. D. WICK 409
- Clump counts in a mosaic PETER HALL 424
- Two-sided Markov chains BRUCE W. ATKINSON 459
- Reverse time differentiation and smoothing formulae for a finite state
Markov process ROBERT J. ELLIOTT 480
- The Malliavin calculus for pure jump processes and applications to local time
R. F. BASS AND M. CRANSTON 490
- How small are the increments of the local time of a Wiener process?
E. CSÁKI AND A. FÖLDES 533
- Improved Erdős-Rényi and strong approximation laws for increments of renewal
processes J. STEINEBACH 547
- The lower limit of a normalized random walk CUN-HUI ZHANG 560
- A uniform central limit theorem for set-indexed partial-sum processes with finite
variance KENNETH S. ALEXANDER AND RONALD PYKE 582
- Sample moduli for set-indexed Gaussian processes KENNETH S. ALEXANDER 598
- Extreme value theory for moving average processes HOLGER ROOTZÉN 612
- On the prevalence of stochastic differential equations with unique strong
solutions ANDREW J. HEUNIS 653
- A semigroup approach to Poisson approximation P. DEHEUVELS AND D. PFEIFER 663
- On the weak limits of elementary symmetric polynomials BERT VAN ES 677
- Sphericity and the normal law ROBERT H. BERK 696
- On the average number of real roots of a random algebraic equation . KAMBIZ FARAHMAND 702
- A note on undominated lower probabilities
ADRIANOS PAPAMARCOU AND TERRENCE L. FINE 710
- An inequality for the Hausdorff-metric of σ -fields D. LANDERS AND L. ROGGE 724

Correction

- Local laws of the iterated logarithm for diffusions R. F. BASS AND K. B. ERICKSON 731

Vol. 14, No. 2—April 1986