THE ANNALS of PROBABILITY

AN OFFICIAL JOURNAL OF THE INSTITUTE OF MATHEMATICAL STATISTICS

Articles

An analytic approach to Fleming-Viot processes with interactive selection LUDGER OVERBECK, MICHAEL RÖCKNER AND BYRON SCHMULAND	1
Singularity of super-Brownian local time at a point catalyst Donald A. Dawson, Klaus Fleischmann, Yi Li and Carl Mueller	37
Slow points in the support of historical Brownian motion John Verzani Subdiffusive fluctuations for internal diffusion limited aggregation	56
GREGORY F. LAWLER Percolation and minimal spanning forests in infinite graphs Kenneth S. Alexander	71 87
Critical random walk in random environment on trees ROBIN PEMANTLE AND YUVAL PERES	105
A limit theorem for a class of interacting particle systems ITALO SIMONELLI Strong Feller property and irreducibility for diffusions on Hilbert spaces	141
SZYMON PESZAT AND JERZY ZABCZYK Radial part of Brownian motion on a Riemannian manifold M. Liao and W. A. Zheng	157 173
Approximation and support theorem in Hölder norm for parabolic stochastic partial differential equations VLAD BALLY, ANNIE MILLET AND MARTA SANZ-SOLE	178
Sharp inequalities for the distribution of a stochastic integral in which the integrator is a bounded submartingale	223
Laplace approximations for large deviations of nonreversible Markov processes. The nondegenerate case ERWIN BOLTHAUSEN, JEAN-DOMINIQUE DEUSCHEL AND YOZO YAMURA	236
Sharp conditions for nonexplosions and explosions in Markov jump processes G. Kersting and F. C. Klebaner	268
Dimension results for Gaussian vector fields and index- α stable fields Yimin Xiao Laws of large numbers for quadratic forms, maxima of products and truncated	273
sums of i.i.d. random variables JACK CUZICK, EVARIST GINÉ AND JOEL ZINN A weak law of large numbers for empirical measures via Stein's method	292
Gesine Reinert On the fractal nature of empirical increments Paul Deheuvels and David M. Mason	334 355
Laws of the iterated logarithm for local times of the empirical process RICHARD F. BASS AND DAVAR KHOSHNEVISAN	388
Covariance identities and inequalities for functionals on Wiener and Poisson spaces	400
Moderate deviations of dependent random variables related to CLT Wu LIMING Uniform local probability approximations: Improvements on Berry-Esseen	420
MARJORIE G. HAHN AND MICHAEL J. KLASS Remarks on strong exponential integrability of vector-valued random series and	446
triangular arrays	464
Correction Day II Accord	474
Universal prediction schemes	4/4

Vol. 23, No. 1—January 1995