



ANNALES DE L'INSTITUT HENRI POINCARÉ PROBABILITÉS ET STATISTIQUES

Law of large numbers for superdiffusions:

- The non-ergodic case *J. Engländer* 1–6

- Sparsity in penalized empirical risk minimization *V. Koltchinskii* 7–57

- Spectral gap and convex concentration inequalities for birth-death processes *W. Liu and Y. Ma* 58–69

- One-dimensional finite range random walk in random medium and invariant measure equation *J. Brémont* 70–103

- Pathwise differentiability for SDEs in a convex polyhedron with oblique reflection *S. Andres* 104–116

- Trends to equilibrium in total variation distance
P. Cattiaux and A. Guillin 117–145

- Une condition asymptotique pour le calcul de constantes de Sobolev logarithmiques sur la droite *L. Miclo* 146–156

- Trees and asymptotic expansions for fractional stochastic differential equations
A. Neuenkirch, I. Nourdin, A. Rößler and S. Tindel 157–174

- Copolymer at selective interfaces and pinning potentials:
Weak coupling limits *N. Petrelis* 175–200

- On the left tail asymptotics for the limit law of supercritical Galton–Watson processes in the Böttcher case
K. Fleischmann and V. Wachtel 201–225

- Changing the branching mechanism of a continuous state branching process using immigration
R. Abraham and J.-F. Delmas 226–238

- A log-Sobolev type inequality for free entropy of two projections
F. Hiai and Y. Ueda 239–249

- Multiclass Hammersley–Aldous–Diaconis process and multiclass-customer queues *P. A. Ferrari and J. B. Martin* 250–265

- Poisson matching
A. E. Holroyd, R. Pemantle, Y. Peres and O. Schramm 266–287