## THE ANNALS of PROBABILITY

## AN OFFICIAL JOURNAL OF THE INSTITUTE OF MATHEMATICAL STATISTICS

## Articles

Weighted Poincaré-type inequalities for Cauchy and other	
convex measures SERGEY G. BOBKOV AND MICHEL LEDOUX	403
Existence of strong solutions for stochastic porous media equation under general monotonicity conditions	
VIOREL BARBU, GIUSEPPE DA PRATO AND MICHAEL RÖCKNER	428
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	453
A vector-valued almost sure invariance principle for hyperbolic dynamical systems  IAN MELBOURNE AND MATTHEW NICOL	478
Clark–Ocone formula and variational representation for Poisson functionals $$\operatorname{\textbf{XICHENG}}\nolimits$ ZHANG	506
First exit times for Lévy-driven diffusions with exponentially light jumps PETER IMKELLER, ILYA PAVLYUKEVICH AND TORSTEN WETZEL	530
Stochastic calculus for fractional Brownian motion with Hurst exponent $H > \frac{1}{4}$ :  A rough path method by analytic extension JÉRÉMIE UNTERBERGER	565
Tightness for a family of recursion equations	615
Stabilizability and percolation in the infinite volume sandpile model ANNE FEY, RONALD MEESTER AND FRANK REDIG	654
Transcience/recurrence for normally reflected Brownian motion in unbounded domains	676
Maximum and entropic repulsion for a Gaussian membrane model in the critical dimension	687
Spectra of random linear combinations of matrices defined via representations and Coxeter generators of the symmetric group	726
Minimal position and critical martingale convergence in branching random walks, and directed polymers on disordered trees	742
Invariant transports of stationary random measures and mass-stationarity  GÜNTER LAST AND HERMANN THORISSON	790