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Letemplier, Thomas Simon: Unimodality of hitting times for stable processes ; Mathieu Rosenbaum and Marc Yor: On the law of a triplet associated with the pseudo-Brownian bridge ; Jean Brossard, Michel Emery and Christophe Leuridan: Skew-product decomposition of planar Brownian motion and complementability ; Vilmos Prokaj: On the exactness of the Lévy-transformation ; Yinshan Chang: Multi-occupation field generates the Borel-sigma-field of loops ; Ramon van Handel: Ergodicity, Decisions, and Partial Information ; Laurent Serlet: Invariance principle for the random walk conditioned to have a few zeroes ; Dario Trevisan: A short proof of Stein's universal multiplier theorem ; Joseph Najnudel, Ashkan Nikeghbali: On a flow of operators associated to virtual permutations

Sommario/riassunto

Providing a broad overview of the current state of the art in probability theory and its applications, and featuring an article coauthored by Mark Yor, this volume contains contributions on branching processes, Lévy processes, random walks and martingales and their connection with, among other topics, rough paths, semi-groups, heat kernel asymptotics and mathematical finance
