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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Contents -- Preface -- Speakers -- Ph.D. students of L. Gross -- Meixner classes and the square of white noise -- Strong Feller properties for distorted Brownian motion and applications to finite particle systems with singular interactions -- 1. Introduction -- 2. An elliptic regularity result and its consequences -- 3. Construction of the semigroup and resolvent of kernels -- 4. Construction of the associated diffusion process -- 5. Solution to the stochastic equation -- 6. Applications to stochastic dynamics -- Acknowledgement -- References -- Market price of risk and random field driven models of term structure: A space-time change of measure look -- Gaussian and Poisson white noises with related characterization theorems -- Analysis of Wiener measure on path and loop groups -- Stochastic differential equations on noncommutative L ² -- 1. Introduction -- 2. Noncommutative L _p spaces -- 3. Preliminary remarks -- 4. Stochastic differential equations -- 5. Kolmogorov's backward equation --

References -- The Segal-Bargmann transform and the Gross ergodicity theorem -- Sharp bounds for the heat kernel on certain symmetric spaces of non-compact type -- Laplacians in white noise analysis -- On Dirichlet spaces over convex sets in infinite dimensions -- Information capacity of quantum channels -- The Riesz representation theorem on infinite dimensional spaces -- Asymptotic behavior in heat kernel analysis on manifolds -- Complex stochastic calculus -- Recent results and open problems in Segal-Bargmann analysis -- A new Heisenberg inequality for white noise analysis.
