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Nota di contenuto	A covariant Feynman-Kac formula for unitary bundles over euclidean space On the integrated formulation of Zakai and Kushner equations Lattice approximation in the stochastic quantization of (?4)2 fields1 The support of the density of a filter in the uncorrelated case Variational inequalities for the control of stochastic partial differential equations Generalized solutions of stochastic evolution equations On the relation of anticipative Stratonovich and symetric integrals: A decomposition formula Some applications of quantum probability to stochastic differential equations in Hilbert space The stability of stochastic partial differential equations and applications. Theorems on supports Weak convergence of solutions of stochastic evolution equations on nuclear spaces A stochastic reaction-diffusion model Stochastic partial differential equations of generalized Brownian functionals Viscosity solutions of fully nonlinear second order equations and optimal stochastic control in infinite dimensions. Part II: Optimal control of Zakai's equation A generalized equation for a continuous measure branching process Mesures cylindriques et distributions sur l'espace de Wiener A summary of some identities of the Malliavin calculus A Lie algebraic criterion for non-existence of finite dimensionally computable filters A generalization of Wahba's theorem on the equivalence between spline smoothing and Bayesian estimation A connection between the expansion of filtrations and

1.

Girsanov's theorem White noise in space and time as the time-
derivative of a cylindrical Wiener process Large deviations for non-
linear radonifications of white noise Symmetric solutions of
semilinear stochastic equations.