1.	Record Nr.	UNISA996466599803316
	Autore	Albeverio Sergio
	Titolo	Stochastic processes - mathematics and physics : proceedings of the 1st BiBoS-symposium held in Bielefeld, West Germany, September 10-15 1984 / / Sergio Albeverio, Phillippe Blanchard and Ludwig Streit
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer-Verlag, , [1986] ©1986
	ISBN	3-540-39703-5
	Edizione	[1st ed. 1986.]
	Descrizione fisica	1 online resource (VIII, 260 p.)
	Collana	Lecture Notes in Mathematics ; ; Volume 1158
	Disciplina	519.2
	Soggetti	Stochastic processes
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Bibliographic Level Mode of Issuance: Monograph
	Nota di contenuto	Stochastic lie group-valued measures and their relations to stochastic curve integrals, gauge fields and markov cosurfaces -- Existence and sample path properties of the diffusions in Nelson's stochastic mechanics -- Characteristic exponents for stochastic flows -- Electric field and effective dielectric constant in random media with non-linear response -- Remarks on the central limit theorem for weakly dependent random variables -- Time reversal on Wiener space -- Lattice gauge theory; Heuristics and convergence -- The generalized Malliavin calculus based on Brownian sheet and Bismut's expansion for large deviation -- An elementary approach to Brownian motion on manifolds -- The stochastic mechanics of the ground-state of the hydrogen atom -- Nonstandard analysis and perturbations of the laplacian along Brownian paths -- Haussdorf dimension for the statistical equilibrium of stochastics flows -- Stopping problems of symmetric Markov processes and non-linear variational inequalites -- Mean exit times and hitting probabilities of Brownian motion in geodesic balls and tubular neighborhoods -- Rigorous scaling laws for Dyson measures -- Asymptotic freedom: A rigorous approach -- The fermion stochastic calculus I.