	UNINA9910254079603321
Titolo	Stochastic and Infinite Dimensional Analysis / / edited by Christopher C. Bernido, Maria Victoria Carpio-Bernido, Martin Grothaus, Tobias Kuna, Maria João Oliveira, José Luís da Silva
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Birkhäuser, , 2016
ISBN	3-319-07245-5
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (X, 300 p. 12 illus., 5 illus. in color.)
Collana	Trends in Mathematics, , 2297-0215
Disciplina	530.143
Soggetti	Probabilities
	Applied mathematics
	Engineering mathematics
	Applications of Mathematics
	Conference papers and proceedings.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Formato Livello bibliografico	Materiale a stampa Monografia
Formato Livello bibliografico Nota di bibliografia	Materiale a stampa Monografia Includes bibliographical references at the end of each chapters.

1.

	Existence of density for solutions of mixed stochastic equations.
Sommario/riassunto	This volume presents a collection of papers covering applications from a wide range of systems with infinitely many degrees of freedom studied using techniques from stochastic and infinite dimensional analysis, e.g. Feynman path integrals, the statistical mechanics of polymer chains, complex networks, and quantum field theory. Systems of infinitely many degrees of freedom create their particular mathematical challenges which have been addressed by different mathematical theories, namely in the theories of stochastic processes, Malliavin calculus, and especially white noise analysis. These proceedings are inspired by a conference held on the occasion of Prof. Ludwig Streit's 75th birthday and celebrate his pioneering and ongoing work in these fields.