

1. Record Nr.	UNINA9910419757303321
Autore	Graffin, Greg
Titolo	Anarchy evolution : fede, scienza e Bad Religion in un mondo senza Dio / Greg Graffin, Steve Olson ; traduzione di Marika Giacometti
Pubbl/distr/stampa	Repubblica di San Marino, : AIEP, 2019
ISBN	978-88-6086-148-1
Descrizione fisica	221 p. ; 24 cm
Collana	Grandi manuali
Altri autori (Persone)	Olson, Steve
Disciplina	215
Locazione	FSPBC
Collocazione	IX A 1584
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA9910299779003321
Autore	Mandrekar Vidyadhar
Titolo	Stochastic Integration in Banach Spaces : Theory and Applications / / by Vidyadhar Mandrekar, Barbara Rüdiger
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-12853-1
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (213 p.)
Collana	Probability Theory and Stochastic Modelling, , 2199-3149 ; ; 73
Disciplina	515.732
Soggetti	Probabilities Social sciences - Mathematics Differential equations Probability Theory Mathematics in Business, Economics and Finance Differential Equations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Introduction -- 2. Preliminaries -- 3. Stochastic Integrals with Respect to Compensated Poisson Random Measures -- 4. Stochastic Integral Equations in Banach Spaces -- 5. Stochastic Partial Differential Equations in Hilbert Spaces -- 6. Applications -- 7. Stability Theory for Stochastic Semilinear Equations -- A Some Results on compensated Poisson random measures and stochastic integrals -- References -- Index.
Sommario/riassunto	Considering Poisson random measures as the driving sources for stochastic (partial) differential equations allows us to incorporate jumps and to model sudden, unexpected phenomena. By using such equations the present book introduces a new method for modeling the states of complex systems perturbed by random sources over time, such as interest rates in financial markets or temperature distributions in a specific region. It studies properties of the solutions of the stochastic equations, observing the long-term behavior and the sensitivity of the solutions to changes in the initial data. The authors consider an integration theory of measurable and adapted processes in

appropriate Banach spaces as well as the non-Gaussian case, whereas most of the literature only focuses on predictable settings in Hilbert spaces. The book is intended for graduate students and researchers in stochastic (partial) differential equations, mathematical finance and non-linear filtering and assumes a knowledge of the required integration theory, existence and uniqueness results, and stability theory. The results will be of particular interest to natural scientists and the finance community. Readers should ideally be familiar with stochastic processes and probability theory in general, as well as functional analysis, and in particular the theory of operator semigroups.
