1. Record Nr. UNINA9910464484303321

Autore	Powers Michael R
Titolo	Acts of god and man [[electronic resource]] : ruminations on risk and insurance / / Michael R. Powers
Pubbl/distr/stampa	New York, : Columbia Business School Pub., 2012
ISBN	1-281-90635-2 9786613792600 0-231-52705-5
Descrizione fisica	1 online resource (303 p.)
Collana	Columbia Business School Publishing
Disciplina	368
Soggetti	Risk (Insurance) Risk management Electronic books.
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	pt. 1. Living with risk -- pt. 2. The realm of insurance -- pt. 3. Scientific challenges.
Sommario/riassunto	Much has been written about the ups and downs of financial markets, from the lure of prosperity to the despair of crises. Yet a more fundamental and pernicious source of uncertainty exists in today's world: the traditional "insurance" risks of earthquakes, storms, terrorist attacks, and other disasters. Insightfully exploring these "acts of God and man," Michael R. Powers guides readers through the methods available for identifying and measuring such risks, financing their consequences, and forecasting their future behavior within the limits of science.A distinctive characteristic of earthquakes, hurricanes, bombings, and other insurance risks is that they impact the values of stocks, bonds, commodities, and other market-based financial products, while remaining largely unaffected by or "aloof" from the behavior of markets. Quantifying such risks given limited data is difficult yet crucial for achieving the financing objectives of insurance. Powers begins with a discussion of how risk impacts our lives, health, and possessions and proceeds to introduce the statistical techniques necessary for analyzing these uncertainties. He then considers the

	experience of risk from the perspectives of both policyholders and insurance companies, and compares their respective responses.The risks inherent in the private insurance industry lead naturally to a discussion of the government's role as both market regulator and potential "insurer of last resort." Following a thoughtful and balanced analysis of these issues, Powers concludes with an interdisciplinary investigation into the nature of uncertainty, incorporating ideas from physics, philosophy, and game theory to assess science's limitations in predicting the ramifications of risk.

2.

Record Nr.	UNINA9910865259003321
Autore	Merino Jaime
Titolo	Many-Body Techniques in Condensed Matter Physics : Lecture Notes and Exercises for an Introductory Course / / by Jaime Merino, Alfredo Levy Yeyati
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	3-031-55143-5
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (219 pages)
Collana	UNITEXT for Physics, , 2198-7890
Altri autori (Persone)	YeyatiAlfredo Levy
Disciplina	530.41
Soggetti	Condensed matter Particles (Nuclear physics) Quantum field theory Condensed Matter Physics Strongly Correlated Systems Elementary Particles, Quantum Field Theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction to many-particle physics in Condensed Matter -- Introduction to Green-function methods -- Perturbation theory at zero temperature -- Finite temperature Green function formalism -- Linear response and collective modes -- Generalized Green function propagator -- Introduction to non-equilibrium: the Keldysh contour -- Perturbative expansion in the non-equilibrium formalism --

	Applications: electron transport at the nanoscale -- Introduction to path integral methods -- Application of path integral methods: the renormalization group approach -- Hints for solving exercises.
Sommario/riassunto	This book presents the lecture notes and exercises corresponding to the course "Quantum Field Theoretical Methods in Condensed Matter" that the authors imparted for several years as part of the masters program on Condensed Matter and Biological Systems at the Autonoma University of Madrid. It provides a step-by-step description of the material which will benefit not only professors wishing to undertake a similar task, but also interested students. Additionally, the book provides a complete set of exercises on the various topics along with hints about how to solve them, a feature frequently absent in textbooks on many-body techniques. As well as addressing the traditional topics in the field (diagrammatic techniques, screening in metals, Fermi liquid theory, electron-phonon interactions, etc.) the text also covers less conventional topics such as the application of non-equilibrium Green function techniques to quantum transport in normal and superconducting nanoscale devices.