1.	Record Nr.	UNINA9910459064903321
	Autore	Korn Ralf
	Titolo	Monte Carlo methods and models in finance and insurance / / Ralf Korn, Elke Korn, Gerald Kroisandt
	Pubbl/distr/stampa	Boca Raton : , : Taylor & Francis, , 2010
	ISBN	0-429-14917-4 1-282-90237-7 9786612902376 1-4200-7619-1
	Descrizione fisica	1 online resource (485 p.)
	Collana	Chapman & Hall/CRC financial mathematics series
	Altri autori (Persone)	KornElke <1962-> KroisandtGerald
	Disciplina	518/.282
	Soggetti	Business mathematics Insurance - Mathematics Monte Carlo method 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 (p. 441-457) and index.
	Nota di contenuto	Cover; Title; Copyright; Contents; List of Algorithms; Chapter 1: Introduction and User Guide; Chapter 2: Generating Random Numbers; Chapter 3: The Monte Carlo Method: Basic Principles; Chapter 4: Continuous-Time Stochastic Processes: Continuous Paths; Chapter 5: Simulating Financial Models: Continuous Paths; Chapter 6: Continuous-Time Stochastic Processes: Discontinuous Paths; Chapter 7: Simulating Financial Models: Discontinuous Paths; Chapter 8: Simulating Actuarial Models; References; Index
	Sommario/riassunto	Offering a unique balance between applications and calculations, this book incorporates the application background of finance and insurance with the theory and applications of Monte Carlo methods. It presents recent methods and algorithms, including the multilevel Monte Carlo method, the statistical Romberg method, and the Heath-Platen estimator, as well as recent financial and actuarial models, such as the Cheyette and dynamic mortality models. The book enables readers to find the right algorithm for a desired application and illustrates