

1. Record Nr.	UNINA9910271007303321
Autore	Chan B. K. C (Bertram Kim-Cheong)
Titolo	Applied probabilistic calculus for financial engineering : an introduction using R / / by Bertram K.C. Chan
Pubbl/distr/stampa	Hoboken, New Jersey : , : Wiley, , 2017 ©2017
ISBN	1-119-38808-2 1-119-38805-8 1-119-38804-X
Edizione	[1st edition]
Descrizione fisica	1 online resource (1 volume) : illustrations
Disciplina	332.015192
Soggetti	Financial engineering - Mathematical models Probabilities Calculus R (Computer program language)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	Illustrates how R may be used successfully to solve problems in quantitative finance Applied Probabilistic Calculus for Financial Engineering: An Introduction Using R provides R recipes for asset allocation and portfolio optimization problems. It begins by introducing all the necessary probabilistic and statistical foundations, before moving on to topics related to asset allocation and portfolio optimization with R codes illustrated for various examples. This clear and concise book covers financial engineering, using R in data analysis, and univariate, bivariate, and multivariate data analysis. It examines probabilistic calculus for modeling financial engineering—walking the reader through building an effective financial model from the Geometric Brownian Motion (GBM) Model via probabilistic calculus, while also covering Ito Calculus. Classical mathematical models in financial engineering and modern portfolio theory are discussed—along with the Two Mutual Fund Theorem and The Sharpe Ratio. The book also looks at R as a calculator and using R in data analysis in financial

engineering. Additionally, it covers asset allocation using R, financial risk modeling and portfolio optimization using R, global and local optimal values, locating functional maxima and minima, and portfolio optimization by performance analytics in CRAN. Covers optimization methodologies in probabilistic calculus for financial engineering  
 Answers the question: What does a "Random Walk" Financial Theory look like? Covers the GBM Model and the Random Walk Model Examines modern theories of portfolio optimization, including The Markowitz Model of Modern Portfolio Theory (MPT), The Black-Litterman Model, and The Black-Scholes Option Pricing Model Applied Probabilistic Calculus for Financial Engineering: An Introduction Using R s an ideal reference for professionals and students in economics, econometrics, and finance, as well as for financial investment quants and financial engineers.

2. Record Nr.	UNINA9910131455603321
Autore	Dumont Fernand <1927-1997, >
Titolo	L'etat, la gauche et la droite // Fernand Dumont
Pubbl/distr/stampa	Chicoutimi : , : J.-M. Tremblay, , 2004
ISBN	1-55442-622-7
Descrizione fisica	1 online resource
Collana	Classiques des sciences sociales
Disciplina	320.9714
Soggetti	Socialism - Quebec (Province)
Lingua di pubblicazione	Francese
Formato	Materiale a stampa
Livello bibliografico	Monografia