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Descrizione fisica	1 online resource (416 p.)
Collana	The Frank J. Fabozzi series
Altri autori (Persone)	RachevS. T (Svetlozar Todorov)
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Soggetti	Capital assets pricing model Levy processes Finance - Mathematical models Probabilities
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Nota di contenuto	Financial Models with Levy Processes and Volatility Clustering; Contents; Preface; About the Authors; CHAPTER 1 Introduction; CHAPTER 2 Probability Distributions; CHAPTER 3 Stable and Tempered Stable Distributions; CHAPTER 4 Stochastic Processes in Continuous Time; CHAPTER 5 Conditional Expectation and Change of Measure; CHAPTER 6 Exponential Levy Models; CHAPTER 7 Option Pricing in Exponential Levy Models; CHAPTER 8 Simulation; CHAPTER 9 Multi-Tail t-Distribution; CHAPTER 10 Non-Gaussian Portfolio Allocation; CHAPTER 11 Normal GARCH models CHAPTER 12 Smoothly Truncated Stable GARCH Models CHAPTER 13 Infinitely Divisible GARCH Models; CHAPTER 14 Option Pricing with Monte Carlo Methods; CHAPTER 15 American Option Pricing with Monte Carlo Methods; Index
Sommario/riassunto	An in-depth guide to understanding probability distributions and financial modeling for the purposes of investment management In Financial Models with Levy Processes and Volatility Clustering, the

expert author team provides a framework to model the behavior of stock returns in both a univariate and a multivariate setting, providing you with practical applications to option pricing and portfolio management. They also explain the reasons for working with non-normal distribution in financial modeling and the best methodologies for employing it. The book's framework includes the basics
