<<外来品期权定价与高级Levy模型(>>

图书基本信息

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内容概要

Since around the turn of the millennium there has been a general acceptance that one of the more practical improvements one may make in the light of the shortfalls of the classical Black – Scholes model is to replace the underlying source of randomness, a Brownian motion, by a L é vy process. Working with L é vy processes allows one to capture desirable distributional characteristics in the stock returns. In addition, recent work on L é vy processes has led to the understanding of many probabilistic and analytical properties, which make the processes attractive as mathematical tools. At the same time, exotic derivatives are gaining increasing importance as financial instruments and are traded nowadays in large quantities in OTC markets. The current volume is a compendium of chapters, each of which consists of discursive review and recent research on the topic of exotic option pricing and advanced L é vy markets, written by leading scientists in this field.　　作者简介：ANDREAS KYPRIANOU has a degree in Mathematics from Oxford University and a PhD in Probability Theory from Sheffield University. He has held academic positions in Mathematics and Statistics departments at The London School of Economics, Edinburgh University, Utrecht University and, currently, Heriot Watt University. He has also worked for nearly two years as a research mathematician with Shell International Exploration and Production. His research interests are focused on pure and applied probability with recent focus on L é vy processes. He has taught a range of courses on Probability Theory, Stochastic Analysis, Financial Stochastics and L é vy Processes for the Amsterdam-Utrecht Masters programme in Stochastics and Financial Mathematics and the MSc programme in Financial Mathematics at Edinburgh.

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