1. Record Nr. UNINA9910145905403321 Autore Hunt P. J (Philip James), <1964-> Titolo Financial derivatives in theory and practice [[electronic resource] /] / P.J. Hunt, J.E. Kennedy Southern Gate, Chichester, West Sussex, England; ; Hoboken, NJ, : John Pubbl/distr/stampa Wiley & Sons, c2004 **ISBN** 0-470-86360-9 1-280-27170-1 9786610271702 0-470-30038-8 0-470-86361-7 Edizione [Rev. ed.] 1 online resource (469 p.) Descrizione fisica Collana Wiley series in probability and statistics Altri autori (Persone) KennedyJ. E Disciplina 332.64 332.64/57 332.6457 Soggetti Derivative securities Stocks Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Includes bibliographical references (p. [423]-426) and index. Nota di bibliografia Nota di contenuto ""Financial Derivatives in Theory and Practice""; ""Contents""; ""Preface to revised edition""; ""Preface""; ""Acknowledgements""; ""Part I: Theory""; ""1 Single-Period Option Pricing""; ""1.1 Option pricing in a nutshell""; ""1.2 The simplest setting""; ""1.3 General one-period economy""; ""1.3.1 Pricing""; ""1.3.2 Conditions for no arbitrage: existence of Z""; ""1.3.3 Completeness: uniqueness of Z""; ""1.3.4 Probabilistic formulation""; ""1.3.5 Units and numeraires""; ""1.4 A twoperiod example"; ""2 Brownian Motion""; ""2.1 Introduction""; ""2.2 Definition and existence"" ""2.3 Basic properties of Brownian motion"""2.3.1 Limit of a random walk""; ""2.3.2 Deterministic transformations of Brownian motion""; ""2.3.3 Some basic sample path properties""; ""2.4 Strong Markov property""; ""2.4.1 Reflection principle""; ""3 Martingales""; ""3.1 Definition and basic properties""; ""3.2 Classes of martingales""; ""3.2.1

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Sommario/riassunto

Originally published in 2000, Financial Derivatives in Theory and Practice is a complete, rigorous and readable account of the mathematics underlying derivative pricing and a guide to applying these ideas to solve real pricing problems. It is aimed at practitioners and researchers who wish to understand the latest finance literature and develop their own pricing models. The authors' combination of strong theoretical knowledge and extensive market experience make this book particularly relevant for those interested in real world applications of mathematical finance. This revised edition has be