Introduction To Derivatives And Risk Management

"This advanced practical textbook deals with the issue of risk analysis, measurement and management in the shipping industry. It identifies and analyses the sources of risk in the shipping business and explores in detail the "traditional" and "modern" strategies for risk management at both the investment and operational levels of the business. Shipowners, professionals in the shipping industry, risk management officers, credit officers, traders, investors, students and researchers will find the book indispensable in order to understand how risk management and hedging tools can make the difference for companies to remain competitive and stay ahead of the rest."

The second edition of Derivatives and Risk Management serves as a textbook for an introductory course on derivatives and risk management. Give your students a solid understanding of financial derivatives and their use in managing the risks of financial decisions with this leading text. Chance/Brooks' AN INTRODUCTION TO DERIVATIVES AND RISK MANAGEMENT, 9E, International Edition offers an outstanding blend of institutional material, theory, and practical applications. The latest financial information throughout this edition and timely Internet updates on the text's website ensure the material reflects the most recent changes in today's financial world. You'll find detailed, but flexible, coverage of options, futures, forwards, swaps, and risk management as well as a balanced introduction to pricing, trading, and strategy. You can easily address only the topics and chapters that best fit your needs. A variety of practical end-of-chapter applications, memorable examples from real businesses throughout the learning features, and minimal use of technical mathematics keep the text's presentation accessible and engaging. Stock-Trak software, available with each new text, provides additional value and opportunity for practical working experience. Count on this exceptional text to provide the thorough introduction to derivatives and risk management that students need for success in financial business today.

Introduction to Credit Risk focuses on analysis of credit risk, derivatives, equity investments, portfolio management, quantitative methods, and risk management. In terms of application, this book can be used as an important tool to explain how to generate data rows of expected exposure to counterparty credit risk. The book also directs the reader on how to visualize, in real time, the results of this data, generated with a Java tool. Features Uses an in-depth case study to illustrate multiple factors in counterparty credit risk exposures Suitable for quantitative risk managers at banks, as well as students of finance, financial mathematics, and software engineering Provides the reader with numerous examples and applications Giulio Carlone has an MBA, a PhD, and a Master's degree in Computer Science from the University of Italy. He is a member of the software system engineering staff of the Department of Computer Science at University College London. He has 20 years of practical experience in technical software engineering and quantitative finance engineering in the commercial sector. His research interests include the use of communication strategies and the implementation of plans and projects using financial software for requirement specifications, requirements analysis, and architectural design.

This text provides a thorough treatment of futures, 'plain vanilla' options and swaps as well as the use of exotic derivatives and interest rate options for speculation and hedging. Pricing of options using numerical methods such as lattices (BOPM), Monte Carlo simulation and finite difference methods, in addition to solutions using continuous time mathematics, are also covered.

Real options theory and its use in investment appraisal and in valuing Internet and biotechnology companies provide cutting edge practical applications. Practical risk management issues are examined in depth. Alternative models for calculating Value at Risk (market risk) and credit risk provide the theoretical basis for a practical and timely overview of these areas of regulatory policy. This book is designed for courses in derivatives and risk management taken by specialist MBA, MSc Finance students or final year undergraduates, either as a stand-alone text or as a follow-on to Investments: Spot and Derivatives Markets by the same authors. The authors adopt a real-world emphasis throughout, and include features such as: * topic boxes, worked examples and learning objectives * Financial Times and Wall Street Journal newspaper extracts and analysis of real world cases * supporting web site including Lecturer's Resource Pack and Student Centre with interactive Excel and GAUSS software

Derivatives and Risk Management provides readers with a thorough knowledge of the functions of derivatives and the many risks associated with their use. It covers particular derivative instruments available in India and the four types of derivatives. It is useful for postgraduate students of commerce, finance and management, fund managers, risk-management specialists, treasury managers, students taking the CFA examinations and anyone who wants to understand the derivatives market in India.

Presenting an integrated explanation of speculative trading and risk management from the practitioner's point of view, "Risk Management, Speculation, and Derivative Securities" is a standard text on financial risk management that departs from the perspective of an agent whose main concerns are pricing and hedging derivatives. After the credit crisis, supervisors enacted a range of financial reforms. In particular, they radically changed the nature of the OTC derivatives market via a number of measures, notably mandatory central clearing. This book discusses the market before the crisis, explains what central clearing is, and outlines the consequences of the new rules.

This small solutions manual provides highly motivated students with the answers to the end-of-chapter problems, as well as the step-by-step solution so that students can see where they may have gone wrong in the problems.

Written by two of the most distinguished finance scholars in the industry, this introductory textbook on derivatives and risk management is highly accessible in terms of the concepts as well as the mathematics. With its economics perspective, this rewritten and streamlined second edition textbook, is closely connected to real markets, and:Beginning at a level that is comfortable to lower division college students, the book gradually develops the content so that its lessons can be profitably used by business majors, arts, science, and engineering graduates as well as MBAs who would work in the finance industry. Supplementary materials are available to instructors who adopt this textbook for their courses. These include:Solutions Manual with detailed solutions to nearly 500 end-of-chapter questions and problemsPowerPoint slides and a Test Bank for adoptersPRICED! In line with current teaching trends, we have woven spreadsheet applications throughout the text. Our aim is for students to achieve self-sufficiency so that they can generate all the models and graphs in this book via a spreadsheet software, Priced! "Risk Management and Financial Derivatives: A Guide to the Mathematics meets the demand for a simple, nontechnical explanation of the methodology of risk management and financial derivatives. "Risk Management and Financial Derivatives provides clear, concise explanations of the mathematics behind today's complex financial risk management topics. An ideal
introduction for those new to the subject, it will also serve as an indispensable reference for those already experienced in the field."--BOOK JACKET.

This book helps students, researchers and quantitative finance practitioners to understand both basic and advanced topics in the valuation and modeling of financial and commodity derivatives, their institutional framework and risk management. It provides an overview of the new regulatory requirements such as Basel III, the Fundamental Review of the Trading Book (FRTB), Interest Rate Risk of the Banking Book (IRRBB), or the Internal Capital Assessment Process (ICAAP). The reader will also find a detailed treatment of counterparty credit risk, stochastic volatility estimation methods such as MCMC and Particle Filters, and the concepts of model-free volatility, VIX index definition and the related volatility trading. The book can also be used as a teaching material for university derivatives and financial engineering courses.

Detailed coverage of options, futures, forwards, swaps and risk management - as well as solid introduction to pricing, trading and strategy.

Never HIGHLIGHT a Book Again! Includes all testable terms, concepts, persons, places, and events. Cram101 Textbook Specific. Accompaniments: 9781305104969. This item is printed on demand.

Detailed but flexible coverage of options, futures, forwards, swaps, and risk management - as well as a solid introduction to pricing, trading, and strategy - allows instructors to selectively tailor inclusion of topics/chapters to fit the length of the course.

Everything you need to get a grip on the complex world of derivatives Written by the internationally respected academic/finance professional author team of Sebastien Bossu and Philippe Henrotte, An Introduction to Equity Derivatives is the fully updated and expanded second edition of the popular Finance and Derivatives. It covers all of the fundamentals of quantitative finance clearly and concisely without going into unnecessary technical detail. Designed for both new practitioners and students, it requires no prior background in finance and features twelve chapters of gradually increasing difficulty, beginning with basic principles of interest rate and discounting, and ending with advanced concepts in derivatives, volatility trading, and exotic products. Each chapter includes numerous illustrations and exercises accompanied by the relevant financial theory. Topics covered include present value, arbitrage pricing, portfolio theory, derives pricing, delta-hedging, the Black-Scholes model, and more. An excellent resource for finance professionals and investors looking to acquire an understanding of financial derivatives theory and practice Completely revised and updated with new chapters, including coverage of cutting-edge concepts in volatility trading and exotic products. An accompanying website is available which contains additional resources including powerpoint slides and spreadsheets. Visit www.introeqd.com for details.

A market leader, this book has detailed but flexible coverage of options, futures, forwards, swaps, and risk management - as well as a solid introduction to pricing, trading, and strategy allowing readers to gain valuable information on a wide range of topics and apply to situations they may face.

This book is both informative and practitioner-orientated and covers all aspects of different derivative products. It includes the origin and growth of derivatives trading. Who uses it - when, why and how? The method of using each derivative product is also given in a simple form with easy to follow examples. Derivatives or futures trading have just been introduced into the Indian financial market to replace badla.

Coupling real business examples with minimal technical mathematics, market-leading INTRODUCTION TO DERIVATIVES AND RISK MANAGEMENT, 10e blends institutional material, theory, and practical applications to give students a solid understanding of how derivatives are used to manage the risks of financial decisions. The book delivers detailed coverage of options, futures, forwards, swaps, and risk management as well as a balanced introduction to pricing, trading, and strategy. New Taking Risk in Life features illustrate the application of risk management in real-world financial decisions. In addition, the financial information throughout the Tenth Edition reflects the most recent changes in the derivatives market—one of the most volatile sectors in the financial world. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. Skilled investors know that to play in today's high-risk global-investment environment, they must maximize return while hedging risk. To do this successfully, investors must understand the intricacies and nuances of a myriad of investment vehicles, many relatively new to the investment arena. In Derivative Securities: The Complete Investor's Guide, two renowned experts show how a unified approach to derivatives that pays equal attention to options and futures pricing in both theory and practice, allows the investor to achieve his or her goals. Particular attention is paid to the issue of credit risk in pricing and the crucial function of risk management.

Introduction to Derivatives and Risk ManagementCengage Learning

A step-by-step explanation of the mathematical models used to price derivatives. For this second edition, Salih Neftci has expanded one chapter, added six new ones, and inserted chapter-concluding exercises. He does not assume that the reader has a thorough mathematical background. His explanations of financial calculus seek to be simple and perceptive.

The Reuters Financial Training Series An Introduction to Derivatives A new concept in financial training, An Introduction to Derivatives guides novices through the often complex and challenging world of Derivatives. Full of definitions, concise descriptions, quizzes and examples, the book studies financial instruments - futures, options and swaps - from basic concepts to applications in trading, hedging and arbitrage. Key features include: " Introductory sections defining terms and giving background to theories " Examples of transactions and futures contracts " Summaries and overviews at the end of each chapter recapitulating key points and definitions " Quick quiz questions and answers to reinforce learning " Further resources which point to other books, articles and internet tools to widen readers' comprehension of derivatives and entrench their foundation in the subject. Each book in the series is supported by the Wiley-Reuters Financial Training web site (www.wiley-rft.reuters.com). This regularly updated site offers a range of screens taken directly from the Reuters terminal, information on professional exams, web links to key institutional finance web sites and much more. This book will be of particular interest to novice traders, investors and trainers in financial institutions looking for a key introductory text. By allowing readers to progress through the fundamentals and applications in a simulated trading environment at their own pace, the book will be an invaluable starting block for those
new to the field of derivatives. The market for financial derivatives is far and away the largest and most powerful market in the world, and it is growing exponentially. In 1970 the yearly valuation of financial derivatives was only a few million dollars. By 1980 the sum had swollen to nearly one hundred million dollars. By 1990 it had climbed to almost one hundred billion dollars, and in 2000 it approached one hundred trillion. Created and sustained by a small number of European and American banks, corporations, and hedge funds, the derivatives market has an enormous impact on the economies of nations—particularly poorer nations—because it controls the price of money. Derivatives bought and sold by means of computer keystrokes in London and New York affect the price of food, clothing, and housing in Johannesburg, Kuala Lumpur, and Buenos Aires. Arguing that social theorists concerned with globalization must familiarize themselves with the mechanisms of a world economy based on the rapid circulation of capital, Edward LiPuma and Benjamin Lee offer a concise introduction to financial derivatives. LiPuma and Lee explain how derivatives are essentially wagers—often on the fluctuations of national currencies—based on models that aggregate and price risk. They describe how these financial instruments are changing the face of capitalism, undermining the power of nations and perpetrating a new and less visible form of domination on postcolonial societies. As they ask: How does one know about, let alone demonstrate against, an unlisted, virtual, offshore corporation that operates in an unregulated electronic space using a secret proprietary trading strategy to buy and sell arcane financial instruments? LiPuma and Lee provide a necessary look at the obscure but consequential role of financial derivatives in the global economy.

Understand derivatives in a nonmathematical way Financial Derivatives, Third Edition gives readers a broad working knowledge of derivatives. For individuals who want to understand derivatives without getting bogged down in the mathematics surrounding their pricing and valuation Financial Derivatives, Third Edition is the perfect read. This comprehensive resource provides a thorough introduction to financial derivatives and their importance to risk management in a corporate setting. Essential insights on the various aspects of financial derivatives If you want to understand derivatives without getting bogged down by the mathematics surrounding their pricing and valuation, Financial Derivatives is the book for you. Through in-depth insights gleaned from years of financial experience, Robert Kolband James Overdahl clearly explain what derivatives are and how you can prudently use them within the context of your underlying business activities. Financial Derivatives introduces you to the wide range of markets for financial derivatives. This invaluable guide offers a broad overview of the different types of derivatives—futures, options, swaps, and structured products—while focusing on the principles that determine market prices. This comprehensive resource also provides a thorough introduction to financial derivatives and their importance to risk management in a corporate setting. Filled with helpful tables and charts, Financial Derivatives offers a wealth of knowledge on futures, options, swaps, financial engineering, and structured products. Discusses what derivatives are and how you can prudently implement them within the context of your underlying business activities. Provides thorough coverage of financial derivatives and their role in risk managementExplores financial derivatives without getting bogged down by the mathematics surrounding their pricing and valuation. This informative guide will help you unlock the incredible potential of financial derivatives.

Its unified treatment of derivative security applications to both risk management and speculative trading separates this book from others. Presenting an integrated explanation of speculative trading and risk management from the practitioner’s point of view, Risk Management, Speculation, and Derivative Securities is the only standard text on financial risk management that depart from the perspective of an agent whose main concerns are pricing and hedging derivatives. After offering a general framework for risk management and speculation using derivative securities, it explores specific applications to forward contracts and options. Not intended as a comprehensive introduction to derivative securities, Risk Management, Speculation, and Derivative Securities is the innovative, useful approach that addresses new developments in derivatives and risk management. *The only standard text on financial risk management that depart from the perspective of an agent whose main concerns are pricing and hedging derivatives *Examines speculative trading and risk management from the practitioner’s point of view *Provides an innovative, useful approach that addresses new developments in derivatives and risk management

This leading text gives students a solid understanding of financial derivatives and their use in managing the risks of financial decisions. AN INTRODUCTION TO DERIVATIVES AND RISK MANAGEMENT, 9E provides a blend of institutional material, theory, and practical applications. The latest financial information throughout this edition and timely updates on the text’s website ensure your course reflects the most recent changes in one of the most volatile sectors of today’s financial world. You’ll find detailed coverage of options, futures, forwards, swaps, and risk management as well as a balanced introduction to pricing, trading, and strategy. A variety of practical end-of-chapter applications, memorable examples from real businesses, and minimal use of technical mathematics keep the text accessible and engaging for students. Stock-Trak software, available with each new text, provides additional value and practical application opportunities for your students. Approximately 25 PowerPoint slides per chapter highlight tables and figures with useful hyperlinks that allow you to jump to the table or figure and back again without breaking the flow of your lecture. The online Solutions Review Manual gives your students a useful online review tool, providing answers to the end-of-chapter problems, as well as the step-by-step solutions, so students can check their own work and determine exactly where they may have made errors. New Test Bank questions help you better evaluate your students’ understanding of the text’s concepts. You’ll find a variety of more than 300 questions within this proven Test Bank. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. Derivatives Markets is a thorough and well-presented textbook that offers readers an introduction to derivatives instruments, with a gentle introduction to mathematical finance, and provides a working knowledge of derivatives to a wide area of market participants. This new and accessible book provides a lucid, down-to-earth, theoretically rigorous but applied introduction to derivatives. Many insights have been discovered since the seminal work in the 1970s and the text provides a bridge to and incorporates them. It develops
the skill sets needed to both understand and to intelligently use derivatives. These skill sets are developed in part by using concept checks that test the reader's understanding of the material as it is presented. The text discusses some fairly sophisticated topics not usually discussed in introductory derivatives texts. For example, real-world electronic market trading platforms such as CME's Globex. On the theory side, a much needed and detailed discussion of what risk-neutral valuation really means in the context of the dynamics of the hedge portfolio. The text is a balanced, logical presentation of the major derivatives classes including forward and futures contracts in Part I, swaps in Part II, and options in Part III. The material is unified by providing a modern conceptual framework and exploiting the no-arbitrage relationships between the different derivatives classes.

Some of the elements explained in detail in the text are: Hedging, Basis Risk, Spreading, and Spread Basis Risk Financial Futures Contracts, their Underlying Instruments, Hedging and Speculating OTC Markets and Swaps Option Strategies: Hedging and Speculating Risk-Neutral Valuation and the Binomial Option Pricing Model Equivalent Martingale Measures: The Modern Approach to Option Pricing Option Pricing in Continuous Time: from Bachelier to Black-Scholes and Beyond. Professor Goldenberg's clear and concise explanations and end-of-chapter problems, guide the reader through the derivatives markets, developing the reader's skill sets needed in order to incorporate and manage derivatives in a corporate or risk management setting. This textbook is for students, both undergraduate and postgraduate, as well as for those with an interest in how and why these markets work and thrive.

"The first port of call for anyone looking to truly understand derivatives markets, appreciate the role they play within the global financial system and develop the technical knowledge to trade," Matthew Thompson, Chief Strategy & Business Development Officer, Dubai Mercantile Exchange "An essential read for anyone serious about understanding the impact of derivatives and technology on the global financial market." Kevin Thorogood, Global Head, Investment Banking/Energy Trading, Thunderhead Ltd

"We have used Francesca for training on derivatives in the past. She demonstrates a passion for these markets and for learning. In a fast changing world, the combination of technical learning and practical experience that Francesca applies is helpful in keeping abreast of market developments." Rachael Hoey, Director, Business Development, CLS

YOUR ESSENTIAL COMPANION TO THE DERIVATIVES MARKETS Mastering Derivatives Markets provides full up-to-the-minute explanations — with worked examples and screen shots — covering the basics of options, swaps and futures across the key asset classes: rates, currency, equity, commodity and credit. This book is relevant to anyone working within the financial markets, from the new entrant to the seasoned trader looking for updates, and to non-trading personnel working in IT, legal, compliance, risk, credit and operations. Please note that the 'look inside' feature is currently displaying the content of Mastering Derivatives Markets Third Edition, this will be updated soon. Mastering Derivatives Markets Fourth Edition has been completely revised and features new chapters on: The most up to date thinking in the market OTC clearing Regulation Benchmarking Electronic futures trading in the FX market New insights into the commodities markets Carbon trading and environmental products

Written by Robert Jarrow, one of the true titans of finance, and his former student Arkadev Chatterjea, Introduction to Derivatives is the first text developed from the ground up for students taking the introductory derivatives course. The math is presented at the right level and is always motivated by what 's happening in the financial markets. And, as one of the developers of the Heath-Jarrow-Morton Model, Robert Jarrow presents a novel, accessible way to understand this important topic.

A comprehensive book on shipping derivatives and risk management which covers the theoretical and practical aspects of financial risk in shipping. The book provides a thorough overview of the practice of risk management in shipping with the use of theoretical examples and real-life applications.

Risk control and derivative pricing have become of major concern to financial institutions, and there is a real need for adequate statistical tools to measure and anticipate the amplitude of the potential moves of the financial markets. Summarising theoretical developments in the field, this 2003 second edition has been substantially expanded. Additional chapters now cover stochastic processes, Monte-Carlo methods, Black-Scholes theory, the theory of the yield curve, and Minority Game. There are discussions on aspects of data analysis, financial products, non-linear correlations, and herding, feedback and agent-based models. This book has become a classic reference text for graduate students and researchers working in econophysics and mathematical finance, and for quantitative analysts working on risk management, derivative pricing and quantitative trading strategies.

Trading and Pricing Financial Derivatives is an introduction to the world of futures, options, and swaps. Investors who are interested in deepening their knowledge of derivatives of all kinds will find this book to be an invaluable resource. The book is also useful in a very applied course on derivative trading. The authors delve into the history of options pricing; simple strategies of options trading; binomial tree valuation; Black-Scholes option valuation; option sensitivities; risk management and interest rate swaps in this immensely informative yet easy to comprehend work. Using their vast working experience in the financial markets at international investment banks and hedge funds since the late 1990s and teaching derivatives and investment courses at the Master's level, Patrick Boyle and Jesse McDougall put forth their knowledge and expertise in clearly explained concepts. This book does not presuppose advanced mathematical knowledge, though it is presented for completeness for those that may benefit from it, and is designed for a general audience, suitable for beginners through to those with intermediate knowledge of the subject.

In the updated second edition of Don Chance's well-received Essays in Derivatives, the author once again keeps derivatives simple enough for the beginner, but offers enough in-depth information to satisfy even the most experienced investor. This book provides up-to-date and detailed coverage of various financial products related to derivatives and contains completely new chapters covering subjects that include why derivatives are used, forward and futures pricing, operational risk, and best practices.

The second edition of An Introduction to Credit Derivatives provides a broad introduction to products and a marketplace that have changed significantly since the financial crisis of 2008. Author Moorad Choudhry gives a practitioner's perspective on credit derivative instruments and the risks they involve in a succinct style without sacrificing technical details and scientific precision. Beginning with foundational discussions of credit risk, credit risk transfer and credit ratings, the book proceeds to examine credit default swaps and related pricing, asset swaps, credit-linked notes, and more. Ample references, appendices and a glossary add considerably to the lasting value of the book for students and professionals in finance. A post-crisis guide to a powerful bank risk management product, its history and its use
Liberal use of Bloomberg screens and new worked examples increase hands-on practicality. New online set of CDS pricing models and other worksheets multiply the book’s uses. Give your students a solid understanding of financial derivatives and their use in managing the risks of financial decisions with this leading text. Chance/Brooks’ AN INTRODUCTION TO DERIVATIVES AND RISK MANAGEMENT, 8E offers an outstanding blend of institutional material, theory, and practical applications. The latest financial information throughout this edition and timely Internet updates on the text’s website ensure the material reflects the most recent changes in today’s financial world. You’ll find detailed, but flexible, coverage of options, futures, forwards, swaps, and risk management as well as a balanced introduction to pricing, trading, and strategy. You can easily address only the topics and chapters that best fit your needs. A variety of practical end-of-chapter applications, memorable examples from real businesses throughout the learning features, and minimal use of technical mathematics keep the text’s presentation accessible and engaging. Stock-Trak software, available with each new text, provides additional value and opportunity for practical working experience. Count on this exceptional text to provide the thorough introduction to derivatives and risk management that students need for success in financial business today.

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