Interest Rate Risk Management Hong Kong Dollar

Banking supervision and regulation by the Hong Kong Monetary Authority (HKMA) remain strong. This assessment confirms the 2014 Basel Core Principles assessment that the HKMA achieves a high level of compliance with the BCPs. The Basel III framework (and related guidance) and domestic and cross-border cooperation arrangements are firmly in place. The HKMA actively contributes to the development and implementation of relevant international standards. Updating their risk based supervisory approach helped the HKMA optimize supervisory resources. The HKMA's highly experienced supervisory staff is a key driver to achieving one of the most sophisticated levels of supervision and regulation observed in Asia and beyond.

This book, edited by Jacob A. Frenkel, Michael P. Dooley, and Peter Wickham, presents a sample of the work of the IMF and that of world-renowned scholars on the analytical issues surrounding the explosion of countries with debt-servicing difficulties and describes debt initiatives and debt-reduction techniques that hold the best promise for finding a lasting solution to the problems of debtor countries.

Fully updated version of text formerly used for training by BPP Diagrammatic representation of deal structures, pricing, and modeling Full glossary of terms International perspective, examples in US$ Clear logical explanation of processes, markets, and products This introduction to the Currency Risk Management series of books explains the nature of risk, how it is measured, and the short and long-term implications for business. It examines the concept of a broad policy towards currency risk management and in particular whether a business should seek to limit or hedge its exposure. A description is given of transaction, translation and economic exposure and methods for quantifying with a view to establishing a risk management strategy. This expansive new range of risk management texts has undergone extensive re-writing to give each book in the series an international perspective. Each explains and analyses core aspects of risk assessment and management in a way invaluable to students and useful to practitioners. All of these titles adopt a practical and clear approach to their subject. All are fully updated versions of a series of books previously produced by training experts at BPP.

In a large sample of East Asian nonfinancial corporations, firms using foreign currency derivatives had distinctive characteristics, such as larger size and foreign debt exposures. Unlike in studies of U.S. firms, there was only weak evidence that liquidity-constrained firms with greater growth opportunities hedged more. Firms appeared to use foreign earnings as a substitute for hedging with derivatives, and to engage in "selective" hedging. There was no evidence that East Asian firms eliminated their foreign exchange exposure by using derivatives. And firms using derivatives before the crisis performed just as poorly as nonhedgers during the crisis.

Liquidity Management is now a core consideration for banks and other financial institutions following the collapse of numerous well-known banks in 2007-8. This timely new edition will provide practical guidance on liquidity risk and its management – now mandatory under new regulation.

This book was written from the perspective of international accounting to show how risk mitigation applies to the multinational firms with complex global transactions and assets. It analyses the interplay of currencies, exchange rates, interest rates, and accounting systems. Financial risk management is a specialized area of international accounting that requires specific training, tools and techniques, if one is to be successful in mitigating risk for an international business. Financial risk management refers to the practices used by corporate finance managers and accountants to limit and control uncertainty in the firm's total portfolio. Financial risk management aims to minimize the risk of loss from unexpected changes in the prices of currencies, interest rates, commodities, and equities. In the context of international accounting, financial risk management also contains an element of political, legal and "culture" risk—exposure to uncertainty in the outcomes of business transactions and asset transfers that comes with most international business operations. Risk management has become an integral part of international business strategy, and accountants use quantitative tools to measure and analyze risk. The job of the Chief Financial Officer is to identify and address all types of risk, establish support and control mechanisms for dealing with it, and set the course for the risk management team in terms of its policies and objectives. The financial practices commonly employed include diversification; asset allocation ; and hedging. These practices are examined in light of their applications for international business, where accountants must cope with many more types and degrees of risk. A firm's long-term strategy, such as investment risk, credit risk, and insurance risk are the basis focus for a financial analysis.

Seminar paper from the year 2006 in the subject Business economics - Banking, Stock Exchanges, Insurance, Accounting, grade: A+, University of Westminster, course: Financial Derivatives, 47 entries in the bibliography, language: English, abstract: The increased volatility in the financial products world has raised concern about new possibilities of Risk Management leading into increased use of structured products. Credit derivatives are financial instruments to manage risk. They isolate such risk from the underlying financial asset. This essay, firstly, is going to examine the impact on swap products as a tool in Risk Management followed by an examination of key areas in structured products development that have experienced the strongest growth in the last decade. For both types, the current theory and pricing will be outlined followed by a demonstration of some characteristic applications in Financial Risk Management.

This is a complete guide to the pricing and risk management of convertible bond portfolios. Convertible bonds can be complex because they have both equity and debt like features and new market entrants will usually find that they have either a knowledge of fixed income mathematics or of equity derivatives and therefore have no idea how to incorporate credit and equity together into their existing pricing tools. Part I of the book covers the impact that the 2008 credit crunch has had on the markets, it then shows how to build up a convertible bond and introduces the reader to the traditional convertible vocabulary of yield to put, premium, conversion ratio, delta, gamma, vega and parity. The market of stock borrowing and lending will also be covered in detail. Using an intuitive approach based on the Jensen inequality, the authors will also show the advantages of using a hybrid to add value - pre 2008, many investors labelled convertible bonds as 'investing with no downside', there are of course plenty of 2008 examples to prove that they were wrong. The authors then go onto give a complete explanation of the different features that can be embedded in convertible bond. Part II shows readers how to price convertibles. It covers the different parameters used in valuation models: credit spreads, volatility, interest rates and borrow fees and Maturity. Part III covers investment strategies for equity, fixed income and hedge fund investors and includes dynamic hedging and convertible arbitrage. Part IV explains the all important risk management part of the process in detail. This is a highly practical book, all products priced are real world examples and numerical examples are not limited to hypothetical convertibles. It is a must read for anyone wanting to safely get into this highly liquid, high return market.

The seminal guide to risk management, streamlined and updated Risk Management in Banking is a comprehensive reference for the risk management industry, covering all aspects of the field. Now in its fourth edition, this useful guide has been updated with the latest information on ALM, Basel 3, derivatives, liquidity analysis, market risk, structured products, credit risk, securitizations, and more. The new companion website features slides, worked examples, a solutions manual, and the new streamlined, modular approach allows readers to easily find the information they need. Coverage includes asset liability management, risk-based capital, value at risk, loan portfolio management, capital allocation, and other vital topics, concluding with an examination of the financial crisis through the utilisation of new views such as behavioural finance and nonlinearity of risk. Considered a seminal industry reference since the first edition's release, Risk Management in Banking has been streamlined for easy navigation and updated to reflect the changes in the field, while remaining comprehensive and detailed in approach and coverage. Students and professionals alike will appreciate the extended scope and expert guidance as they: Find all "need-to-know" risk management topics in a single text Discover the latest research and the new practices Understand all aspects of risk management and banking management See the recent crises – and the lessons learned – from a new perspective Risk management is becoming increasingly vital to the banking industry even as it grows more complex. New developments and advancing technology continue to push the field forward, and professionals need to stay up-to-date with in-depth information on the latest practices. Risk Management in Banking provides a comprehensive reference to the most current state of the industry, with complete information and expert guidance.

Practical tools and advice for managing financial risk, updated for a post-crisis world Advanced Financial Risk Management bridges the gap between the idealized assumptions used for risk valuation and the realities that must be reflected in management actions. It explains, in detailed yet easy-to-understand terms, the analytics of these issues from A to Z, and lays out a comprehensive strategy for risk management measurement, objectives, and hedging techniques that apply to all types of institutions. Written by experienced risk managers, the book covers everything from the basics of present value, forward rates, and interest rate compounding to the wide variety of alternative term structure models. Revised and updated with lessons from the 2007-2010 financial crisis, Advanced Financial Risk Management outlines a framework for fully integrated risk management. Credit risk, market risk, asset and liability management, and performance measurement have historically been thought of as separate disciplines, but recent developments in financial theory and computer science now allow these views of risk to be analyzed on a more integrated basis. The book presents a performance measurement approach that goes far beyond traditional capital allocation techniques to measure risk-adjusted shareholder value creation, and supplements this strategic view of integrated risk with step-by-step tools and techniques for constructing a risk management system that achieves these objectives. Practical tools for managing risk in the financial world Updated to include the most recent events that have influenced risk management Topics covered include the basics of present value, forward rates, and interest rate compounding; American vs. European fixed income options; default probability models; prepayment models; mortality models; and alternatives to the Vasicek model Comprehensive and in-depth, Advanced Financial Risk Management is an essential resource for anyone working in the financial field.

Proceedings of a conference co-hosted by the Bank of Albania and the International Monetary Fund in May 2017.

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The importance of managing credit and credit risks carefully and appropriately cannot be overestimated. The very success or failure of a bank and the banking industry in general may well depend on how credit risk is handled. Banking professionals must be fully versed in the risks associated with credit operations and how to manage those risks. This up-to-date volume is an invaluable reference and study tool that delves deep into issues associated with credit risk management. Credit Risk Management from the Hong Kong Institute of Bankers (HKIB)discusses the various ways through which banks manage risks. Essential for candidates studying for the HKIB Associateship Examination, it can also help those who want to acquire a deeper understanding of how and why banks make decisions and set up processes that lower their risk. Topics covered in this book include: Active credit portfolio management Risk management, pricing, and capital adequacy Capital requirements for banks Approaches to credit risk management Structural models and probability of default Techniques to determine loss given default Derivatives and structured products

Hedge funds are collective investment vehicles, often organized as private partnerships and resident offshore for tax and regulatory purposes. Their legal status places few restrictions on their portfolios and transactions, leaving their managers free to use short sales, derivative securities, and leverage to raise returns and cushion risk. This paper considers the role of hedge funds in financial market dynamics, with particular reference to the Asian crisis.

Risk Management Post Financial Crisis: A Period of Monetary Easing provides further insights into postcrisis developments in the global economic and financial environment including advances in measuring and reporting risk and liquidity. Contributions come from leading banks, international organisations and worldrenowned universities.

International Finance presents the corporate uses of international financial markets to upper undergraduate and graduate students of business finance and financial economics. Combining practical knowledge, up-to-date theories, and real-world applications, this textbook explores issues of valuation, funding, and risk management. International Finance shows how theoretical applications can be brought into managerial practice. The text includes an extensive introduction followed by three main sections: currency markets; exchange risk, exposure, and risk management; and long-term international funding and direct investment. Each section begins with a short case study, and each of the sections' chapters concludes with a CFO summary, examining how a hypothetical chief financial officer might apply topics to a managerial setting. The book also contains end-of-chapter questions to help students grasp the material presented. Focusing on international markets and multinational corporate finance, International Finance is the go-to resource for students seeking a complete understanding of the field. Rigorous focus on international financial markets and corporate finance concepts An up-to-date and practice-oriented approach Strong real-world examples and applications Comprehensive look at valuation, funding, and risk management Introductory case studies and "CFO summaries," and end-of-chapter quiz questions Solutions to the quiz questions are available online

Book and CDROM include the important topics and cutting-edge research in financial derivatives and risk management.

"Created for banking and finance professionals with a desire to expand their management skillset, this book focuses on how banks manage assets and liabilities, set up governance structures to minimize risks, and approach such critical areas as regulatory disclosures, interest rates, and risk hedging. It was written by the experts at the world-renowned Hong Kong Institute of Bankers, an organization dedicated to providing the international banking community with education and training"--

Whether man-made or naturally occurring, large-scale disasters can cause fatalities and injuries, devastate property and communities, savage the environment, impose significant financial burdens on individuals and firms, and test political leadership. Moreover, global challenges such as climate change and terrorism reveal the interdependent and interconnected nature of our current moment: what occurs in one nation or geographical region is likely to have effects across the globe. Our information age creates new and more integrated forms of communication that incur risks that are difficult to evaluate, let alone anticipate. All of this makes clear that innovative approaches to assessing and managing risk are urgently required. When catastrophic risk management was in its inception thirty years ago, scientists and engineers would provide estimates of the probability of specific types of accidents and their potential consequences. Economists would then propose risk management policies based on those experts' estimates with little thought as to how this data would be used by interested parties. Today, however, the disciplines of finance, geography, history, insurance, marketing, political science, sociology, and the decision sciences combine scientific knowledge on risk assessment with a better appreciation for the importance of improving individual and collective decision-making processes. The essays in this volume highlight past research, recent discoveries, and open questions written by leading thinkers in risk management and behavioral sciences. The Future of Risk Management provides scholars, businesses, civil servants, and the concerned public tools for making more informed decisions and developing long-term strategies for reducing future losses from potentially catastrophic events. Contributors: Mona Ahmadiani, Joshua D. Baker, W. J. Wouter Botzen, Cary Coglianese, Gregory Colson, Jeffrey Czajkowski, Nate Dieckmann, Robin Dillon, Baruch Fischhoff, Jeffrey A. Friedman, Robin Gregory, Robert W. Klein, Carolyn Kousky, Howard Kunreuther, Craig E. Landry, Barbara Mellers, Robert J. Meyer, Erwann Michel-Kerjan, Robert Muir-Wood, Mark Pauly, Lisa Robinson, Adam Rose, Paul J. H. Schoemaker, Paul Slovic, Phil Tetlock, Daniel Västfjäll, W. Kip Viscusi, Elke U. Weber, Richard Zeckhauser.

Credit Risk Management for Indian Banks is a one-stop reference book for practising credit risk professionals in the Indian banking sector. This is the first book of its kind, which is exclusively targets the practical needs of Indian bankers. It lays more emphasis on the ground realities of Indian banking and enunciates principles and guidelines of credit risk management based on real-life situations.

Quantitative finance is a combination of economics, accounting, statistics, econometrics, mathematics, stochastic process, and computer science and technology. Increasingly, the tools of financial analysis are being applied to assess, monitor, and mitigate risk, especially in the context of globalization, market volatility, and economic crisis. This two-volume handbook, comprised of over 100 chapters, is the most comprehensive resource in the field to date, integrating the most current theory, methodology, policy, and practical applications. Showcasing contributions from an international array of experts, the Handbook of Quantitative Finance and Risk Management is unparalleled in the breadth and depth of its coverage. Volume 1 presents an overview of quantitative finance and risk management research, covering the essential theories, policies, and empirical methodologies used in the field. Chapters provide in-depth discussion of portfolio theory and investment analysis. Volume 2 covers options and option pricing theory and risk management. Volume 3 presents a wide variety of models and analytical tools. Throughout, the handbook offers illustrative case examples, worked equations, and extensive references; additional features include chapter abstracts, keywords, and author and subject indices. From "arbitrage" to "yield spreads," the Handbook of Quantitative Finance and Risk Management will serve as an essential resource for academics, educators, students, policymakers, and practitioners.

In an age where companies and financial institutions are keenly focused on managing the financial risk of their operations, the implementation of quantitative methods and models has been of tremendous help. Tools such as VaR, credit VaR, risk-adjusted returns, and scenario analyses have given institutions the means to quantify and understand their risk profiles. However, the focus on quantitative risk management, while important, can sometimes be over-emphasized--at the expense of logic and experience. At its core, the successful management of risk is still largely an "art." The Simple Rules of Risk takes a fresh look at the qualitative aspects of risk management. It also considers how qualitative approaches can make optimal use of the mathematical aspects of risk management to create the most effective framework possible.

This book provides different financial models based on options to predict underlying asset price and design the risk hedging strategies. Authors of the book have made theoretical innovation to these models to enable the models to be applicable to real market. The book also introduces risk management and hedging strategies based on different criterions. These strategies provide practical guide for real option trading. This book studies the classical stochastic volatility and deterministic volatility models. For the former, the classical Heston model is integrated with volatility term structure. The correlation of Heston model is considered to be variable. For the latter, the local volatility model is improved from experience of financial practice. The improved local volatility surface is then used for price forecasting. VaR and CVaR are employed as standard criterions for risk management. The options trading strategies are also designed combining different types of options and they have been proven to be profitable in real market. This book is a combination of theory and practice. Users will find the applications of these financial models in real market to be effective and efficient.

Interest Rate Risk ManagementBank Asset and Liability ManagementJohn Wiley & Sons

The definitive guide to fixed income valuation and risk analysis The Trilogy in Fixed Income Valuation and Risk Analysiscomprehensively covers the most definitive work on interest raterisk, term structure analysis, and credit risk. The first book oninterest rate risk modeling examines virtually every well-known IRRmodel used for pricing and risk analysis of various fixed incomesecurities and their derivatives. The companion CD-ROM containnumerous formulas and programming tools that allow readers tobetter model risk and value fixed income securities. Thiscomprehensive resource provides readers with the hands-oninformation and software needed to succeed in this financialarena.

More than two years ago the European Central Bank (ECB) adopted a negative interest rate policy (NIRP) to achieve its price stability objective. Negative interest rates have so far supported easier financial conditions and contributed to a modest expansion in credit, demonstrating that the zero lower bound is less binding than previously thought. However, interest rate cuts also weigh on bank profitability. Substantial rate cuts may at some point outweigh the benefits from higher asset values and stronger aggregate demand. Further monetary accommodation may need to rely more on credit easing and an expansion of the ECB’s balance sheet rather than substantial additional reductions in the policy rate.

An in-depth look at how banks and financial institutions manage assets and liabilities Created for banking and finance professionals with a desire to expand their management skillset, this book focuses on how banks manage assets and liabilities, set up governance structures to minimize risks, and approach such critical areas as regulatory disclosures, interest rates, and risk hedging. It was written by the experts at the world-renowned Hong Kong Institute of Bankers, an organization dedicated to providing the international banking community with education and training. Explains bank regulations and the relationship with monetary authorities, statements, and disclosures Considers the governance structure of banks and how it can be used to manage assets and liabilities Offers strategies for managing assets and liabilities in such areas as loan and investment portfolios, deposits, and funds Explores capital and liquidity, including current standards under Basel II and Basel III, funding needs, and stress testing Presents guidance on managing interest rate risk, hedging, and securitization

Held at Oakland University, School of Business Administration, Department of Accounting and Finance. This book provides a summary of state-of-the-art methods and research in the analysis of credit. As such, it offers very useful insights into this vital area of finance, which has too often been under-researched and little-taught in academia. Including an overview of processes that are utilized for estimating the probability of default and the loss given default for a wide array of debts, the book will also be useful in evaluating individual loans and bonds, as well as managing entire portfolios of such assets. Each chapter is written by authors who presented and discussed their contemporary research and knowledge at the Third International Conference on Credit Analysis and Risk Management, held on August 21–22, 2014 at the Department of Accounting and Finance, School of Business administration, Oakland University. This collection of writings by these experts in the field is uniquely designed to enhance the understanding of credit analysis in a fashion that permits a broad perspective on the science and art of credit analysis.

A proven way to manage risk in today's business world Understanding how the risk process works is a critical concept that business professionals must come to learn. For those who must understand the fundamentals of risk management quickly, without getting caught up in jargon, theory, mathematics, and formulas, Practical Risk Management is the perfect read. Written in a clear, fast-paced and easily digestible style, this book explains the practical challenges associated with risk management and how-by focusing on accountability, governance, risk appetite, liquidity, client risks, automated and manual processes, tools and diagnostics-they can be overcome. After finishing this book, readers will have a solid understanding of the risk process, know which issues/questions are of critical importance, and be able to determine how their specific risk problems can be minimized or avoided. Erik Banks (Redding, CT) is currently Chief Risk Officer for Element Re. Prior to that he spent several years at Merrill Lynch in market/credit risk management roles in London, Tokyo, Hong Kong, and the United States. He is also adjunct Professor of Finance at the University of Connecticut, where he teaches MBA students. Richard Dunn (London, UK) works for Merrill Lynch. He single-handedly restructured Merrill Lynch's risk function post in 1998 into its current form.

The challenges of the current financial environment have revealed the need for a new generation of professionals who combine training in traditional finance disciplines with an understanding of sophisticated quantitative and analytical tools. Risk Management and Simulation shows how simulation modeling and analysis can help you solve risk management problems related to market, credit, operational, business, and strategic risk. Simulation models and methodologies offer an effective way to address many of these problems and are easy for finance professionals to understand and use. Drawing on the author’s extensive teaching experience, this accessible book walks you through the concepts, models, and computational techniques. How Simulation Models Can Help You Manage Risk More Effectively Organized into four parts, the book begins with the concepts and framework for risk management. It then introduces the modeling and computational techniques for solving risk management problems, from model development, verification, and validation to designing simulation experiments and conducting appropriate output analysis. The third part of the book delves into specific issues of risk management in a range of risk types. These include market risk, equity risk, interest rate risk, commodity risk, currency risk, credit risk, liquidity risk, and strategic, business, and operational risks. The author also examines insurance as a mechanism for risk management and risk transfer. The final part of the book explores advanced concepts and techniques. The book contains extensive review questions and detailed quantitative or computational exercises in all chapters. Use of MATLAB® mathematical software is encouraged and suggestions for MATLAB functions are provided throughout. Learn Step by Step, from Basic Concepts to More Complex Models Packed with applied examples and exercises, this book builds from elementary models for risk to more sophisticated, dynamic models for risks that evolve over time. A comprehensive introduction to simulation modeling and analysis for risk management, it gives you the tools to better assess and manage the impact of risk in your organizations. The book can also serve as a support reference for readers preparing for CFA exams, GARP FRM exams, PRMIA PRM exams, and actuarial exams.

This sixth peer review of the OECD Principles of Corporate Governance analyses the corporate governance framework and practices relating to corporate risk management, in the private sector and in state-owned enterprises.

Interest rate volatility can wreak havoc with the balance sheets of institutional investors, traders, and corporations. In this important book, leading experts in the field discuss methods for measuring and hedging interest rate risk. The book covers basic techniques, as well as state-of-the-art applications. Specific topics include portfolio risk management, value-at-risk, yield curve risk, interest rate models, advanced risk measurements, interest rate swaps, and measuring and forecasting interest rate volatility.

This textbook will be designed for fixed-income securities courses taught on MSc Finance and MBA courses. There is currently no suitable text that offers a 'Hull-type' book for the fixed income student market. This book aims to fill this need. The book will contain numerous worked examples, excel spreadsheets, with a building block approach throughout. A key feature of the book will be coverage of both traditional and alternative investment strategies in the fixed-income market, for example, the book will cover the modern strategies used by fixed-income hedge funds. The text will be supported by a set of PowerPoint slides for use by the lecturer First textbook designed for students written on fixed-income securities - a growing market Contains numerous worked examples throughout Includes coverage of important topics often omitted in other books i.e. deriving the zero yield curve, deriving credit spreads, hedging and also covers interest rate and credit derivatives

Powerful forces are reshaping the banking industry. Customer expectations, technological capabilities, regulatory requirements, demographics and economics are together creating an imperative to change. Banks need to get ahead of these challenges and retool to win in the next era. Banks must not only execute on today's imperatives, but also radically innovate and transform themselves for the future.

"More than 300 exercises at the end of each chapter provide the opportunity for readers to apply new concepts and test their knowledge. Answers for selected exercises (at the rear of the book) offer additional insights to help readers consolidate their understanding"--

In recent years, the appropriate level and structure of interest tates have come to be seen as major issues in connection with stabilization programs undertaken by members. These issues arise from consideration both on the demand side, as interest rates affect the magnitude of aggregate demand, and on the supply side, as they influence the volume and quality of investment and, thus, the growth of output.