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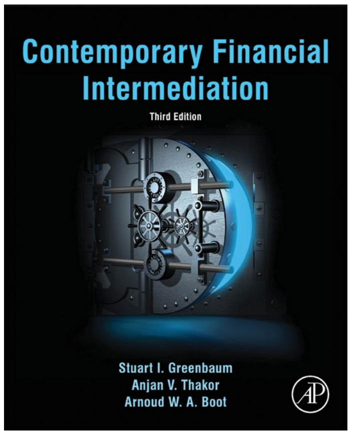

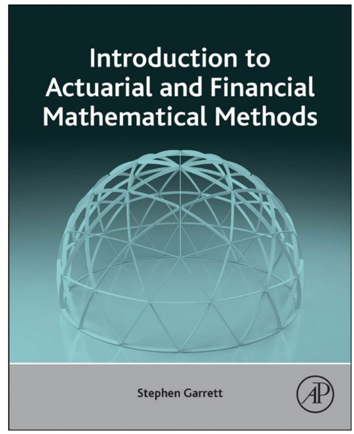

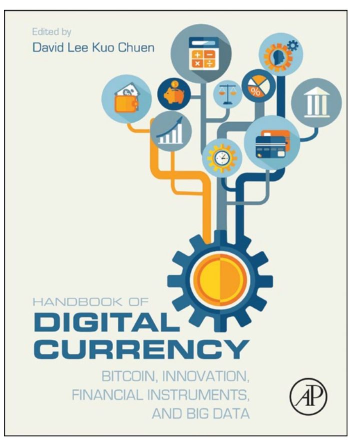

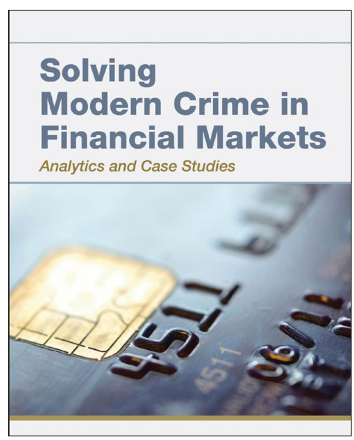

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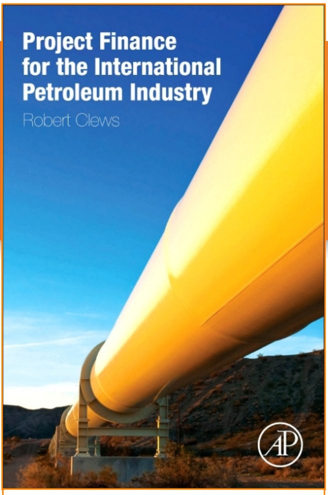

ISBN: 978-0-12-800158-5
PUB DATE: July 2016
FORMAT: Hardback
PAGES: c. 292

AUDIENCE
Graduate students working in corporate finance and business, and professionals working in the project finance industry and the international oil and gas industry

Project Finance for the International Petroleum Industry

Robert Clews Head of Oil, Gas, and Petrochemicals, Sumitomo Mitsui Banking Corporation

This book provides a practical guide to project finance for the international petroleum industry, covering financial markets, sources and providers of finance, financial structures, and capital raising processesand including case studies that highlight industry players, risks, economics, and commercial and legal arrangements

"As experienced project finance professionals know, each sector has unique characteristics that must be take into account. Most books about energy finance emphasize financing at the expense of industry economics. In contrast, Robert Clews does a masterful job at tying together the features of oil and gas investments with the risk management and contract structures of energy project finance. During a time of dramatic changes in energy markets, this book sets the new standard for the analysis of structured finance during a period of dramatic change in energy markets." ***--John S. Strong, College of William and Mary, USA***

KEY FEATURES

- Combines the theory and practice of raising long-term funding for capital intensive projects with insights about the appeal of project finance to the international oil and gas industry
- Includes case studies and examples covering projects in the Arctic, East Africa, Latin America, North America, and Australia
- Emphasizes the full downstream value chain of the industry instead of limiting itself to upstream and pipeline project financing
- Highlights petroleum industry players, risks, economics, and commercial and legal arrangements

DESCRIPTION

Project Finance for the International Petroleum Industry provides an overview of project finance in the oil and gas industry, covering financial markets, sources and providers of finance, financial structures, and capital raising processes. With about US $300 billion of project finance debt raised annually across several capital intensive sectors—including oil and gas, energy, infrastructure, and mining—the oil and gas industry represents 30% of the global project finance market.

Author Robert Clews, EMEA Head of Oil, Gas, and Petrochemicals Project Finance for Sumitomo Mitsui Banking Corporation, explores project finance techniques and their effectiveness in the international petroleum industry. His case studies highlight petroleum industry players, risks, economics, and commercial and legal arrangements. With petroleum industry projects among the largest industrial activities in the world, this book ties together concepts and tools through real examples. It ensures that project finance will continue to play a central role in bringing together investors and lenders to finance these types of ventures.

BUSINESS, ECONOMICS & FINANCE
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ISBN: 978-0-12-802067-8

PUB DATE: June 2016

FORMAT: Paperback

PAGES: c. 240

AUDIENCE

Upper-division undergraduates and graduate students worldwide working in comparative economic systems, emerging economies, trade, and debt problems.

Foreign Direct Investment in Brazil

Post-Crisis Economic Development in Emerging Markets

Mohamed Amal FURB (Regional University of Blumenau), Brazil

This timely book provides a comprehensive discussion of foreign direct investment (FDI) in Brazil, including the policy environment influencing the patterns and development of FDI in reviving Brazil's growth momentum as well as the country's transition to a new growth paradigm less dependent on commodity exports

KEY FEATURES

- Covers an important contemporary development issue focusing on the experience of one of the fastest growing and largest emerging economies in the world
- Presents econometric findings using data at different levels of aggregation
- Provides an in-depth study on the determinants of FDI and their relations to institutions
- Explores both the inward and outward ways foreign direct investment (FDI) can help Brazil sustain economic growth and development in the sometimes hostile post-global crisis era

DESCRIPTION

Foreign Direct Investment in Brazil: Post-Crisis Economic Development in Emerging Markets explores both the inward and outward ways foreign direct investment (FDI) can help Brazil sustain economic growth and development in the sometimes hostile post-global crisis era. Inward and outward FDI have major roles to play in reviving Brazil's growth momentum and the country's transition to a new growth paradigm less dependent on commodity exports. The book provides a comprehensive discussion on the analytical framework of FDI and the policy environment influencing the patterns and development of FDI in Brazil. It compares Brazil to other developing countries, but its focus rests on how, and to what extent, the global crisis is shaping the Brazilian institutional environment and its implications for FDI.

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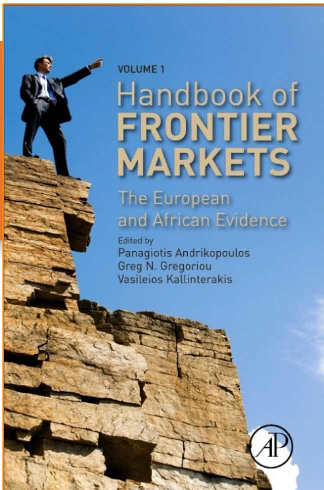

Handbook of Frontier Markets

The European and African Evidence

Edited by: ***Panagiotis Andrikopoulos*** Coventry University Business School, University of Coventry, UK
Greg N. Gregoriou School of Business and Economics, State University of New York, Plattsburgh, NY, USA
Vasileios Kallinterakis University of Liverpool Management School, UK

ISBN: 978-0-12-803776-8
PUB DATE: June 2016
FORMAT: Hardback
PAGES: c. 450

AUDIENCE
Upper-division undergraduates, graduate students, and professionals studying and working in frontier and emerging markets and corresponding fields in accounting, business, regulation, and finance.

This helpful handbook provides novel insight and perspective from leading academics to explain the behavior of investors and prices in several frontier markets and help ensure that increasing international investment will, in fact, facilitate their integration within the global financial system

"This is a very comprehensive handbook for graduate students, researchers, and practitioners who are interested in financial aspects of frontier markets. The book documents experiences of countries as diverse as Botswana, Morocco, Vietnam, and Slovenia, among many others. An excellent read!" ***--Viviana Fernandez, Universidad Adolfo Ibáñez***

"A comprehensive collection of high quality articles on a wide range of topics related to frontier financial markets. A solid reference for all those interested in this topic." ***--Petre Caraiani, Institutul National de Cercetari Economice (INCE), Academia Romana***

KEY FEATURES

- Presents topics in the context of frontier markets and uses tests based on established methodologies from finance research
- Draws from authors who are established university academics
- Pays particular attention to financial institutions and applications of financial risk models
- Explores finance issues usually reserved for developed and emerging markets in order to gauge whether these issues are relevant and how they manifest themselves in frontier markets

DESCRIPTION
Handbook of Frontier Markets: The European and African Evidence provides novel insights from academic perspectives about the behavior of investors and prices in several frontier markets. It explores finance issues usually reserved for developed and emerging markets in order to gauge whether these issues are relevant and how they manifest themselves in frontier markets.

Frontier markets have now become a popular investment class among institutional investors internationally, with major financial services providers establishing index-benchmarks for this market-category. The anticipation for frontier markets is optimistic uncertainty, and many people believe that, given their growth rates, these markets will be economic success stories. Irrespective of their degrees of success, *The Handbook of Frontier Markets* can help ensure that the increasing international investment diverted to them will aid in their greater integration within the global financial system.

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COVER IMAGE FORTHCOMING

Fund Custody and Administration

David Loader Director of DSC Portfolio Ltd. and Loader Associates Ltd.

This instructive book provides an overview of investment funds, focusing on both asset transactions made by investment managers for the portfolio and transactions in the shares or units of the fund itself, thereby giving readers helpful insight about the essential elements of investment fund management

ISBN: 978-0-12-804400-1

PUB DATE: June 2016

FORMAT: Hardback

PAGES: c. 350

AUDIENCE

Graduate students and professionals worldwide studying or working in financial institutions and services

KEY FEATURES

- Explores the key stages in the investment process, from setting up a fund through its launch and operation
- Explains the roles of participants as well as the ways regulation affects the fund and its operation
- Describes the work flow associated with custody and administration procedures and processes
- Defines the role of compliance and risk management in the context of the fund and also how compliance requirements apply to custodians and administrators

DESCRIPTION

Fund Custody and Administration provides an overall perspective of investment funds without limiting its analysis to specific fund structures, as other books do. Because governance and oversight of investment funds are now major regulatory requirements, administrators and custodians must place greater emphasis on the custody and safekeeping of fund assets, on the independent and robust valuation of the assets, and on collateral management. By focusing on both the asset transactions made by the investment manager for the portfolio and on the transactions in the shares or units of the fund itself, it gives readers insights about the essential elements of investment fund management and administration, regardless of their geographical backgrounds.

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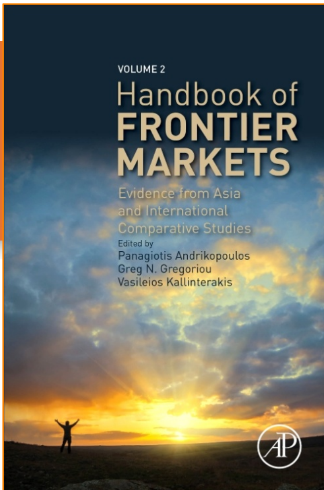

Handbook of Frontier Markets

Evidence from Asia and International Comparative Studies

Edited by: ***Panagiotis Andrikopoulos*** Coventry University Business School, University of Coventry, UK
Greg N. Gregoriou School of Business and Economics, State University of New York, Plattsburgh, NY, USA
Vasileios "Bill" Kallinterakis University of Liverpool Management School, UK

ISBN: 978-0-12-809200-2
PUB DATE: June 2016
FORMAT: Hardback
PAGES: c. 300

AUDIENCE
Upper-division undergraduates, graduate students, and professionals studying and working in frontier and emerging markets and corresponding fields in accounting, business, regulation, and finance.

This helpful handbook provides novel insight and perspective from leading academics to explain the behavior of investors and prices in several frontier markets and help ensure that increasing international investment will, in fact, facilitate their integration within the global financial system

"This is a very comprehensive handbook for graduate students, researchers, and practitioners who are interested in financial aspects of frontier markets. The book documents experiences of countries as diverse as Botswana, Morocco, Vietnam, and Slovenia, among many others. An excellent read!" ***--Viviana Fernandez, Universidad Adolfo Ibáñez***

"A comprehensive collection of high quality articles on a wide range of topics related to frontier financial markets. A solid reference for all those interested in this topic." ***--Petre Caraiani, Institutul National de Cercetari Economice (INCE), Academia Romana***

KEY FEATURES

- Presents topics in the contexts of frontier markets and uses tests based on established methodologies from finance research
- Features contributing authors who are established university academics
- Emphasizes financial institutions and applications of financial risk models
- Explores finance issues usually reserved for developed and emerging markets in order to gauge whether these issues are relevant and how they manifest themselves in frontier markets

DESCRIPTION
Handbook of Frontier Markets: Evidence from Asia and International Comparative Studies provides novel insights from academic perspectives about the behavior of investors and prices in several frontier markets. It explores finance issues usually reserved for developed and emerging markets in order to gauge whether these issues are relevant and how they manifest themselves in frontier markets.

Frontier markets have now become a popular investment class among institutional investors internationally, with major financial services providers establishing index-benchmarks for this market-category. The anticipation for frontier markets is optimistic uncertainty, and many people believe that, given their growth rates, these markets will be economic success stories. Irrespective of their degrees of success, The Handbook of Frontier Markets can help ensure that the increasing international investment diverted to them will aid in their greater integration within the global financial system.

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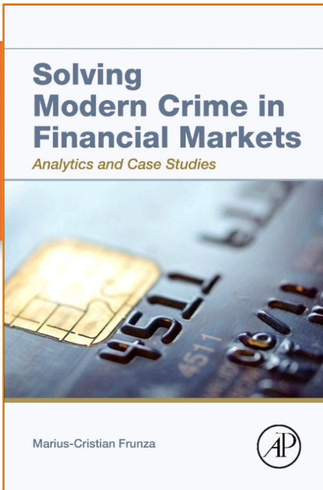

Solving Modern Crime In Financial Markets

Analytics and Case Studies

Marius-Cristian Frunza Schwarztal Kapital, Paris, France

ISBN: 978-0-12-804494-0

PUB DATE: December 2015

FORMAT: Hardback

PAGES: c. 500

AUDIENCE

Upper-division undergraduates, graduate students, and professionals in finance, accounting, and law who are working with forensic data and analytics to solve financial crimes

Presents an analytical/ empirical approach to investigation of financial crime

""Frunza does an excellent job of presenting theoretical, applied and case study discussions. Detailed and technical concepts are explained in a clear manner. The book is very timely especially with respect to the sports betting market and cryptocurrencies and FX manipulation." ***--Bonnie Buchanan, Albers School of Business, Seattle University***

"This text tackles head on how crimes committed within financial markets have a reputation for being complex and sophisticated and where 'crime scenes' are widely regarded as helping to conceal these already secretive activities. In focusing 'only' on financial crimes committed in financial markets the author has given himself a monumental task. The inherent ambition of this task is also readily apparent from his willingness to address the challenges of understanding financial crimes through the technicalities behind their commission. This makes this potentially a contribution of high importance. Many will agree with the author's premise on the essence of innovation in paradigms of surveillance and discovery and then response, and this text recognises the practical technical challenges entailed in understanding how these activities are actually committed. This text provides an important link for making value judgements on propriety, and thus qualitative and normative judgements on whether they are properly regarded as crimes and enforced as such, a pre-requisite for which is understanding how they are actually committed and where they can be found. Focusing on the technicalities of financial crimes in such a comprehensive way makes this text distinctive. In doing so it not only provides an extremely helpful guide for those who are concerned about financial crime, and concerned to ensure they understand it, but actually in doing so it highlights the sheer enormity of this task." ***--Sarah Wilson, York Law School, University of York***

KEY FEATURES

- Interviews and case studies provide context and depth to examples
- Case studies use R, the powerful statistical freeware tool
- Useful in classroom and professional contexts

DESCRIPTION

This comprehensive source of information about financial fraud delivers a mature approach to fraud detection and prevention. It brings together all important aspect of analytics used in investigating modern crime in financial markets and uses R for its statistical examples. It focuses on crime in financial markets as opposed to the financial industry, and it highlights technical aspects of crime detection and prevention as opposed to their qualitative aspects. For those with strong analytic skills, this book unleashes the usefulness of powerful predictive and prescriptive analytics in predicting and preventing modern crime in financial markets.

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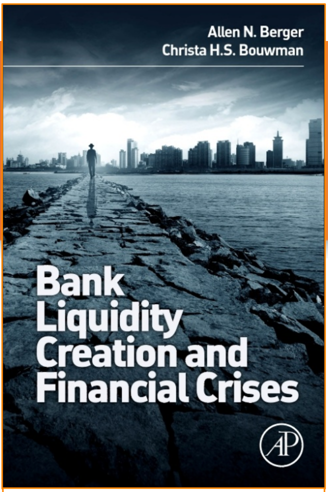

Bank Liquidity Creation and Financial Crises

Allen Berger Moore School of Business, University of South Carolina, Columbia, SC, USA
Christa Bouwman Texas A&M University, College Station, TX, and Wharton Financial Institutions Center, Philadelphia, PA, USA

ISBN: 978-0-12-800233-9
PUB DATE: November 2015
FORMAT: Hardback
PAGES: c. 274

AUDIENCE

Upper-division undergraduates, graduate students, and professionals worldwide working in banking, financial intermediation, and regulation, especially in respect to financial crises

This book informs bank executives, financial analysts, researchers (including academics and students), and policy makers (including legislators, regulators, and central bankers), about bank liquidity creation, financial crises, and the links between the two.

KEY FEATURES

- Explains that bank liquidity creation is a more comprehensive measure of a bank's output than traditional measures and can also be used to measure bank liquidity
- Describes how high levels of bank liquidity creation may cause or predict future financial crises
- Addresses questions of research and policy interest related to bank liquidity creation around the world and provides links to websites with data and other materials to address these questions
- Includes such hot-button topics as the effects of monetary policy (including interest rate policy, lender of last resort, and quantitative easing), the effects of capital, the effects of regulatory interventions, and the effects of bailouts

DESCRIPTION

Bank Liquidity Creation and Financial Crises delivers a consistent, logical presentation of bank liquidity creation and addresses questions of research and policy interest that can be easily understood by readers with no advanced or specialized industry knowledge.

Authors Allen Berger and Christa Bouwman examine ways to measure bank liquidity creation, how much liquidity banks create in different countries, the effects of monetary policy (including interest rate policy, lender of last resort, and quantitative easing), the effects of capital, the effects of regulatory interventions, the effects of bailouts, and much more. They also analyze bank liquidity creation in the US over the past three decades during both normal times and financial crises.

Narrowing the gap between the "academic world" (focused on theories) and the "practitioner world" (dedicated to solving real-world problems), this book is a helpful new tool for evaluating a bank's performance over time and comparing it to its peer group.

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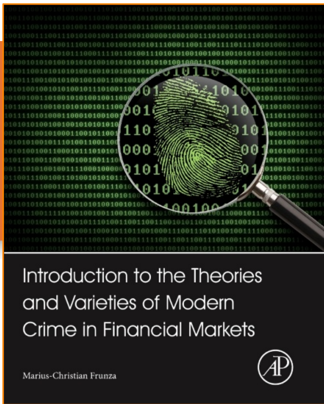

Introduction to the Theories and Varieties of Modern Crime in Financial Markets

Marius-Cristian Frunza Schwarztal Kapital, Paris, France

ISBN: 978-0-12-801221-5
PUB DATE: November 2015
FORMAT: Hardback
PAGES: c. 232

AUDIENCE
Upper-division undergraduates, graduate students, and professionals in finance, accounting, and law who are working with forensic data and analytics to solve financial crimes

This book explores statistical methods and data mining techniques that, if used correctly, can help with crime detection and prevention, including the methods, techniques, and approaches for recognizing, analyzing, and ultimately detecting and preventing financial frauds, especially complex and sophisticated crimes that characterize modern financial markets

"'Follow the money' is not just a popular catchphrase, it's also the rule of thumb for those interested in financial market crimes. Add to this the analysis of data with a great statistical tool available to all and you have a book definitely worth reading."--***Marco Cremonini, University of Milan***

"The applied focus on the role and methods of crime analysts is a much needed addition to the literature on financial crime, which tends to emphasize sociological aspects. This volume is most welcome at a time when the industry is tackling 'Big Data' and generating strong demand for analysts with solid quantitative skills."--***Matthew Hickman, Seattle University***

KEY FEATURES

- Provides an analytical/empirical approach to financial crime investigation, including data sources, data manipulation, and conclusions that data can provide
- Emphasizes case studies, primarily with experts, traders, and investigators worldwide
- Uses R for statistical examples

DESCRIPTION

Introduction to the Theories and Varieties of Modern Crime in Financial Markets explores statistical methods and data mining techniques that, if used correctly, can help with crime detection and prevention. The three sections of the book present the methods, techniques, and approaches for recognizing, analyzing, and ultimately detecting and preventing financial frauds, especially complex and sophisticated crimes that characterize modern financial markets.

The first two sections appeal to readers with technical backgrounds, describing data analysis and ways to manipulate markets and commit crimes. The third section gives life to the information through a series of interviews with bankers, regulators, lawyers, investigators, rogue traders, and others.

The book is sharply focused on analyzing the origin of a crime from an economic perspective, showing Big Data in action, noting both the pros and cons of this approach.

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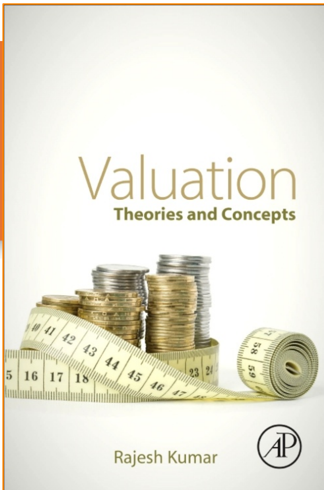

Valuation

Theories and Concepts

Rajesh Kumar Institute of Management Technology FZ-LLZ, Dubai, UAE

ISBN: 978-0-12-802303-7

PUB DATE: November 2015

FORMAT: Hardback

PAGES: c. 496

AUDIENCE

Finance professionals and students in upper-division undergraduate and graduate level courses worldwide on valuation

This book provides users with cases from all markets, especially emerging markets, and will help readers connect the dots from ratio analysis to value measurement. Topics covered include trend analysis of financial parameters, ratio analysis, differing perspectives on valuation and strategic initiatives, and more.

KEY FEATURES

- Provides an understanding on how to value companies that employ non-standard accounting procedures, particularly companies in emerging markets
- Gives readers the ability to compare the intrinsic value of the firm with the offer price
- Showcases a variety of valuation techniques and provides details about handling each part of the valuation process
- Each case has data in excel spreadsheets for all companies, and data sets for each chapter are available online

DESCRIPTION

Valuation: Theories and Concepts provides an understanding on how to value companies that employ non-standard accounting procedures, particularly companies in emerging markets and those that require a wider variety of options than standard texts provide.

The book offers a broader, more holistic perspective that is perfectly suited to companies and worldwide markets. By emphasizing cases on valuation, including mergers and acquisition valuation, it responds to the growing expectation that students and professionals must generate comprehensive perspectives based on thorough investigations and a library of valuation theories.

Readers will gain a better understanding of the development of complete analyses, including trend analysis of financial parameters, ratio analysis, and differing perspectives on valuation and strategic initiatives. Case studies include stock market performance and synergies and the intrinsic value of the firm are compared with offer price. In addition, full data sets for each chapter are available online.

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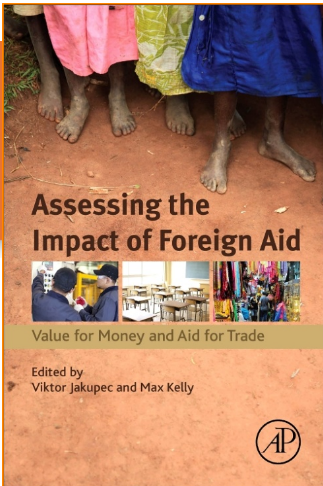

Assessing the Impact of Foreign Aid

Value for Money and Aid for Trade

Edited by: ***Viktor Jakupec*** Deakin University, Warrnambool, Australia
Max Kelly Deakin University, Warrnambool, Australia

ISBN: 978-0-12-803660-0
PUB DATE: November 2015
FORMAT: Paperback
PAGES: c. 248

AUDIENCE
Upper-division undergraduates, graduate students, and professionals working in public economics and development economic worldwide.

This book provides an analysis and survey of the theories, policies, and methods driving foreign aid investments worldwide, and includes contributions from multilateral agencies and NGOs that discuss the changing patterns of official government assistance and their effects on a variety of factors.

"The book provides a fresh look into one of the most important unfinished agendas of foreign aid, i.e., the aid effectiveness agenda. It combines theoretical and practical contributions to propose new ways of thinking about the evaluation of the impact of aid, from its conceptualization to its implementation. It convincingly argues for the centrality of impact assessment in development programmes and it proposes reforms to ensure that such assessment truly contributes to making foreign aid an effective tool to improve lives in developing countries. The messages in the book should provide relevant food for thought for aid practioners, policy-makers, and academics alike." ***--Massimiliano Calì, World Bank***

KEY FEATURES

- Addresses the impact of aid for trade and value for money, rather than its implementation
- Discusses the changing patterns of Official Development Assistance and their effects on impact assessment, providing theoretical, political, structural, methodological, and practical frameworks, discussions, and a theory-practice nexus
- Assesses the effects and implications of the value for money and aid for trade agendas
- Highlights economic issues

DESCRIPTION

Assessing the Impact of Foreign Aid: Value for Money and Aid for Trade provides updated information on how to improve foreign aid programs, exploring the concept and practice of impact assessment within the sometimes-unproblematic approaches advocated in current literature of value for money and aid for trade.

Contributors from multi-lateral agencies and NGOs discuss the changing patterns of Official Development Assistance and their effects on impact assessment, providing theoretical, political, structural, methodological, and practical frameworks, discussions, and a theory-practice nexus.

With twin foci of economics and policy this book raises the potential for making sophisticated and coherent decisions on aid allocation to developing countries.

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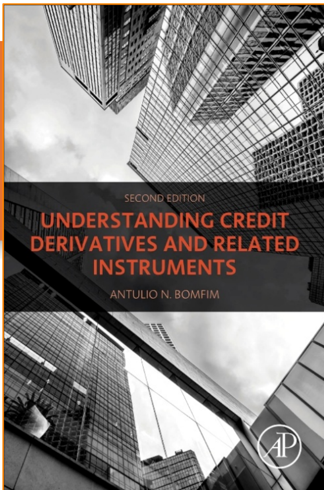

Understanding Credit Derivatives and Related Instruments, 2e

Antulio N. Bomfim Macroeconomic Advisers, LLC, Washington, DC, USA

ISBN: 978-0-12-800116-5

PREVIOUS EDITION ISBN: 9780121082659

PUB DATE: November 2015

FORMAT: Hardback

PAGES: c. 400

AUDIENCE

Practitioners seeking a broad understanding of credit derivatives as well as graduate students and advanced undergraduates worldwide looking for an accessible introduction to credit derivative instruments and the techniques used to value and trade them.

Rather than presenting highly technical explorations, this book on credit derivatives offers summaries of major subjects and the principal perspectives associated with them, including new chapters that have become commonplace as a result of the 2008 financial crisis.

"This is a great place to start if you want to learn how credit derivatives work and why they are used. The book also provides a highly accessible introduction to credit risk modeling. I warmly recommend it." ***--David Lando, Copenhagen Business School***

*"*This book is quite an achievement. It provides a wealth of institutional detail, covers the practicals behind an extensive menu of instruments, discusses the regulatory environment *and* puts together a comprehensive valuation and risk measurement tool kit. This kind of coverage would often require referencing two, if not three, separate publications." ***--Jan Ericsson, McGill University***

KEY FEATURES

- Explores the role that credit derivatives played during the economic crisis, both as hedging instruments and as vehicles that potentially magnified losses for some investors
- Comprehensive overview of single-name and multi-name credit derivatives in terms of market specifications, pricing techniques, and regulatory treatment
- Updated edition uses current market statistics (market size, market participants, and uses of credit derivatives), covers the application of CDS technology to other asset classes (CMBX, ABX, etc.), and expands the treatment of individual instruments to cover index products, and more

DESCRIPTION

Understanding Credit Derivatives and Related Instruments, Second Edition is an intuitive, rigorous overview that links the practices of valuing and trading credit derivatives with academic theory. Rather than presenting highly technical explorations, the book offers summaries of major subjects and the principal perspectives associated with them.

The book's centerpiece is pricing and valuation issues, especially valuation tools and their uses in credit models. Five new chapters cover practices that have become commonplace as a result of the 2008 financial crisis, including standardized premiums and upfront payments. Analyses of regulatory responses to the crisis for the credit derivatives market (Basel III, Dodd-Frank, etc.) include all the necessary statistical and mathematical background for readers to easily follow the pricing topics.

Every reader familiar with mid-level mathematics who wants to understand the functioning of the derivatives markets (in both practical and academic contexts) can fully satisfy his or her interests with the comprehensive assessments in this book.

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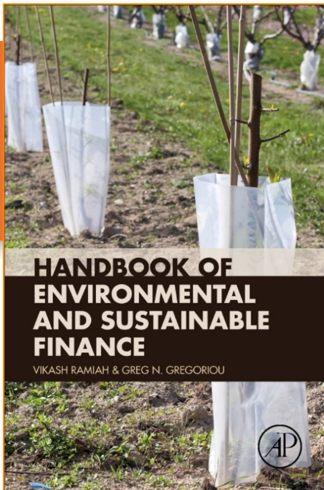
Handbook of Environmental and Sustainable Finance

Edited by: ***Vikash Ramiah*** University of South Australia, Melbourne, Australia
Greg N. Gregoriou School of Business and Economics, State University of New York, Plattsburgh, NY, USA



ISBN: 978-0-12-803615-0
PUB DATE: November 2015
FORMAT: Hardback
PAGES: c. 480

AUDIENCE
Upper-division undergraduates, graduate students, and professionals studying and working in environmental economics and corresponding fields in accounting, business, regulation, and finance.

Delivers a comprehensive portrait of environmental finance, from presentations of empirical examples to explorations of theoretical and regulatory issues

"Believably the first collection after the Paris climate summit, this handbook fills a gap of reference materials by combining sustainability and finance issues. It examines some of the most pressing challenges in green investment in the Kyoto era, while provides interesting insights into possibly new paradigms for post-Kyoto days. I highly recommend this resource guide to intellectuals who work to make sustainable finance truly sustainable." ***--Alastair Marke, FRSA***

"This is a timely publication that addresses climate change, water rights and innovative ways to manage and sustain our environment. These issues are covered from a financial and economic perspective, addressing regulation, culture and geography ranging from crowd funding to the role that women play in protecting our global resources." ***--Christine Helliar, UniSA Business School***

"The breadth of coverage in the handbook underscores the multi-faceted - and heartening - development of this field, in both research and application. From Venice to the Australian Outback, this book locates examples of broader and balanced financial approaches to the valuation and preservation of scarce resources. An essential resource for the field." --
Marie Wilson, University of South Australia Business School

KEY FEATURES

- Introduces the latest developments in environmental economics, sustainable accounting work, and environmental/sustainable finance
- Explores the effects of environmental regulation on the economy and businesses
- Emphasizes research about the trade-environmental regulation nexus, relevant for economics and business students

DESCRIPTION
The use of financial concepts and tools to shape development is hardly new, but their recent adoption by advocates of sustainable environmental management has created opportunities for innovation in business and regulatory groups. The *Handbook of Environmental and Sustainable Finance* summarizes the latest trends and attitudes in environmental finance, balancing empirical research with theory and applications. It captures the evolution of environmental finance from a niche scholarly field to a mainstream subdiscipline, and it provides glimpses of future directions for research. Covering implications from the Kyoto and Paris Protocols, it presents an intellectually cohesive examination of problems, opportunities, and metrics worldwide.

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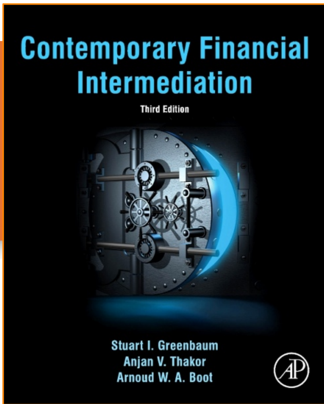

ISBN: 978-0-12-405196-6
PREVIOUS EDITION ISBN: 9780323281911
PUB DATE: September 2015
FORMAT: Hardback
PAGES: c. 466

AUDIENCE
Upper-division undergraduates and graduate students worldwide in courses such as Financial Markets and Institutions, Banking, and Commercial Bank Management.

Contemporary Financial Intermediation, 3e

Edited by: ***Stuart I. Greenbaum*** Bank of America Professor of Managerial Leadership and former Dean, John M. Olin School of Business, Washington University, St. Louis, MO, USA
Anjan V. Thakor John E. Simon Professor of Finance and Director of the PhD Program, Olin School of Business, Washington University, St. Louis, MO, USA
Arnoud Boot University of Amsterdam

Teaches the logic behind the shifting relationships among financial institutions, markets, and regulations

"Since its first edition, Greenbaum, Thakor and Boot has become the standard textbook on financial intermediation, a sector 'contemporary as never before.' This revised edition nicely reflects the renewed and necessary attention given to the sector." *--Steven Ongena, University of Zurich*

"*Contemporary Financial Intermediation* provides a unified framework for understanding the role of present day financial intermediaries, their contribution to society, the risks they face, financial crises, and the role of financial regulation. A valuable book for students interested in learning about financial markets and institutions, and how the global landscape has changed." *--Ravi Jagannathan, Northwestern University*

KEY FEATURES

- Provides a distinctive and thought-provoking approach to the world's financial markets
- Explores the endless subtleties and plasticity of financial institutions and credit markets
- Newly revised, with six new chapters and increased pedagogical supplements
- Presents anyone working in the financial markets and sector with a comprehensive understanding of the inner workings of world markets

DESCRIPTION

In *Contemporary Financial Intermediation, Third Edition*, Greenbaum, Thakor and Boot offer a distinctive approach to financial markets and institutions, presenting an integrated portrait that puts information at the core.

Instead of simply naming and describing markets, regulations, and institutions as competing books do, the authors explore the endless subtlety and plasticity of financial institutions and credit markets.

This edition has six new chapters and increased, enhanced pedagogical supplements. The book is ideal for anyone working in the financial sector, presenting professionals with a comprehensive understanding of the reasons why markets, institutions, and regulators act as they do. Readers will find an unmatched, thorough discussion of the world's financial markets and how they function.

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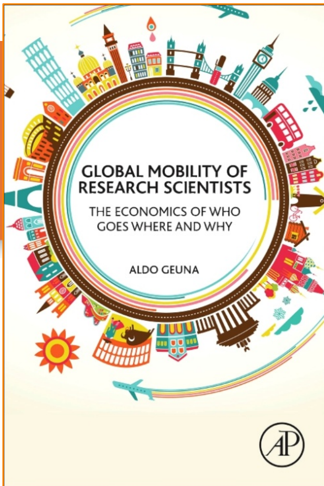

Global Mobility of Research Scientists

The Economics of Who Goes Where and Why

Edited by: ***Aldo Geuna*** University of Torino, Italy

ISBN: 978-0-12-801396-0
PUB DATE: September 2015
FORMAT: Paperback
PAGES: c. 310

AUDIENCE
Upper-division undergraduates, graduate students, and professionals working in labor markets, demographic economics, wages, compensation, education and research institutions, and financial forecasting.

The first comprehensive analysis of the increasingly important phenomenon of the mobility of scientists around the globe

"The international mobility of scientists and innovators fundamentally shapes our world, but measurement is always difficult. This book fills that gap and pushes forward our understanding." --***William Kerr, Harvard Business School***

"This is an incredible contribution about researchers on the move. The book provides new theoretical perspectives and quantitative empirical evidence about the motives and implications of researchers' mobility in a contrasting international perspective. This book is a must for scientists, politicians and university administrations interested in attracting talents from all over the world." --***Javier Revilla Diez, University of Cologne***

"The timely volume provides a valuable global perspective on the phenomenon of scientific mobility. It appears destined to be a key resource for both scholars and policymakers interested in understanding the movement of scientists around the world and the scientific and economic implications of this mobility." --***Aaron Levine, Georgia Institute of Technology***

KEY FEATURES

- Combines theoretically sound and empirically fascinating results in one volume that has international and interdisciplinary appeal.
- Covers topics at the forefront of academic, business, and policy discussions
- Data used in the chapters available at a freely-accessible website

DESCRIPTION

Global Mobility of Research Scientists: The Economics of Who Goes Where and Why brings together information on how the localization and mobility of academic researchers contributes to the production of knowledge.

The text answers several questions, including "what characterizes nationally and internationally mobile researchers?" and "what are the individual and social implications of increased mobility of research scientists?"

Eight independent, but coordinated chapters address these and other questions, drawing on a set of newly developed databases covering 30 countries, including the US, the UK, France, Germany, Italy, Japan, Russia, and China, among others.

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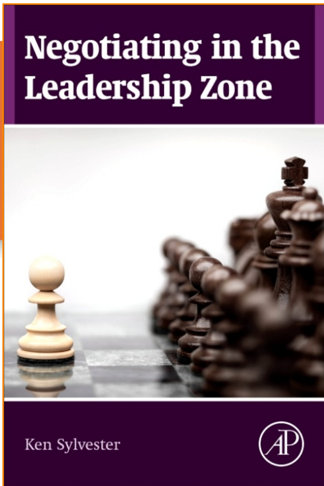

ISBN: 978-0-12-800340-4

PUB DATE: September 2015

FORMAT: Paperback

PAGES: c. 230

AUDIENCE

Professionals in executive education courses and graduate students in MBA programs studying negotiation, leadership, and organizational behavior.

Negotiating in the Leadership Zone

Ken Sylvester School of Business and Administration, University of Colorado, Colorado Springs, CO

Expertly addresses negotiating skills across multiple organizational contexts and as a key component of leadership.

"*Negotiation in the Leadership Zone* is an essential tool for any organizational leader, whether you are a new manager eager to develop and broaden your business skills, or an experienced executive. To induce people to follow your lead, you must be a good negotiator. The five attributes of Leader-Negotiator that Sylvester so insightfully presents are something every manager must possess."--*Gordana Dobrijevi, Univerzitet Singidunum*

KEY FEATURES

- Draws upon 50+ years of the authors' relevant experience to teach leaders the logic and strategy behind successful negotiations
- Connects research and principles to actual events via short vignettes and extended case studies
- Features website tools, tips, stories, and video lessons on effective negotiating
- Encourages the leader in every reader

DESCRIPTION

Negotiating in the Leadership Zone expertly addresses the question: How do leaders become better negotiators? Much has been written about leadership, and negotiating skills have long been the subject of academics and business consultants. This book successfully brings negotiation and leadership together for the first time, building separate insights about them into practical, applied lessons and tools that can be used immediately.

Leaders will find unique cases, examples, and insights for high-stakes and routine negotiations alike. Mixng a readable, non-jargon approach with real-world stories and wide applicability, the author's use of 50+ years of experience as a business owner, negotiation consultant, and teacher to convey the fundamental logic and strategies underlying negotiations. The results are more than convincing.

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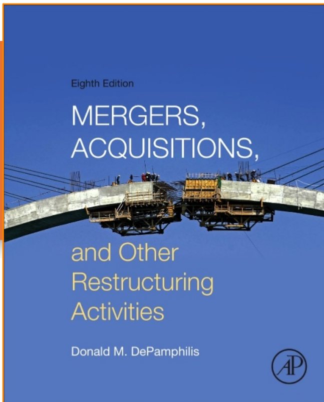

Mergers, Acquisitions, and Other Restructuring Activities, 8e

Donald DePamphilis Clinical Professor of Finance, Loyola Marymount University, Los Angeles, CA, USA

ISBN: 978-0-12-801390-8

PREVIOUS EDITION ISBN: 9780123854872

PUB DATE: October 2015

FORMAT: Hardback

PAGES: c. 758

AUDIENCE

Upper-division undergraduates, graduate students, and professionals working on subjects in corporate finance, corporate governance, law and economics, and industrial organization.

The best textbook and online package for mergers, acquisitions, and other restructuring activities, revised and expanded to concentrate on post-2010 events.

KEY FEATURES

- Includes two new chapters. Chapter 9 discusses the basics of applying financial modeling methods to firm valuation and assists the reader in understanding the power (and limitations) of models in analyzing real world situation. Chapter 14 illustrates how complex financial models often are used to support the deal structuring process during M&A negotiations.
- Teaches about the financial, legal, accounting, and strategic elements of mergers and acquisitions by concentrating on the ways their agents interact.
- Highlights international mergers & acquisitions activities.
- Focuses on the most recent and relevant academic studies, some of which contain surprising insights changing the way we view this subject matter. While continuing to be relevant, empirical research covering the dynamics of the M&A markets of the 1970s, 1980s, and 1990s may be less germane in explaining current undercurrents and future trends.
- Features practical exhibits, case studies involving a diverse range of transactions, easy-to-understand numerical examples, and hundreds of discussion questions and practical exercises.

DESCRIPTION

Mergers, Acquisitions, and Other Restructuring Activities is unique in that it is the most current, comprehensive, and cutting-edge text on M&A and corporate restructuring available. It is *current* in that it includes many of the most up-to-date and notable deals (e.g., Facebook's takeover of WhatsApp, the Dell privatization, and Verizon's mega buyout of Vodafone's share of Verizon Wireless), precedent setting judicial decisions (e.g., efforts to overturn defenses at Airgas and Sotheby's), new regulations (e.g., expediting backend mergers), trends (e.g., increasing role of activist investors in takeovers), and new tactics (e.g., two-tiered poison pill) employed in M&As. Most integrative case studies are new for this edition and involve transactions that have been announced or completed since 2013. It is *comprehensive* in that nearly all aspects of M&As and corporate restructuring are explored. It is *cutting edge* in that conclusions and insights are anchored by the most recent academic research, with references to more than 200 empirical studies published in leading peer-reviewed journals just since 2012. And the substantially updated content is illustrated with numerous practical exhibits, case studies involving diverse transactions, easy-to-understand numerical examples, and hundreds of discussion questions and practice exercises.

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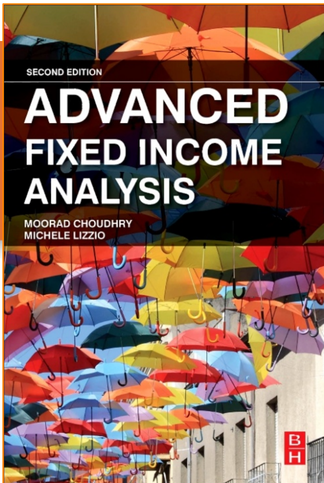

Advanced Fixed Income Analysis, 2e

Moorad Choudhry Chief Executive Officer, Habib Bank Zurich PLC and Visiting Professor at the Department of Mathematical Sciences, Brunel University.
Michele Lizzio Deloitte Financial Advisory

ISBN: 978-0-08-099938-8

PREVIOUS EDITION ISBN: 978-0-7506-6263-5

PUB DATE: August 2015

FORMAT: Hardback

PAGES: c. 244

AUDIENCE

Upper-division undergraduates and graduate students studying fixed income markets. Relevant courses include "Fixed Income Markets" and "Fixed Income Portfolio Management." This material is appropriate for those in pre-professional programs for the corporate sector because companies are turning more frequently to raising funds by selling bonds instead of equity shares.

Explains to graduate students and professionals applications of valuation and analytical techniques that can confound even the most advanced practitioners

"It is always welcome news when hearing of a new publication or edition from Professor Choudhry. The 2nd edition of *Advanced Fixed Income Analysis* maintains his always high standards, written in trademark accessible style that brings clarity to some of the more exotic analytical issues in fixed income markets. Highly recommended." **--Mohamoud Dualeh, Head of Product Development, Alizz Islamic Bank, Muscat**

"An excellent book that is improved, updated and simplified is always welcome in the libraries of the best professionals and advanced students. The second edition of *Advanced Fixed Income Analysis* is one of those books." --**Alberto Falini, Professor of Corporate Finance, University of Brescia, Milan**

"*Advanced Fixed Income Analysis* clearly explains the critical concepts and advanced approaches in fixed income analysis. The topical coverage and rigor are well suited for experienced practitioners looking to refresh knowledge and stay up to date or university students who want to learn more about fixed income applications. This is a very useful book!" --**Gianluca Beltracchi, Associate Analyst, Moody`s Investors Service, London**

KEY FEATURES

- Presents practitioner-level theories and applications, never available in textbooks
- Focuses on financial markets, not mathematics
- Covers relative value investing, returns analysis, and risk estimation

DESCRIPTION

Each new chapter of the *Second Edition* covers an aspect of the fixed income market that has become relevant to investors but is not covered at an advanced level in existing textbooks. This is material that is pertinent to the investment decisions but is not freely available to those not originating the products. Professor Choudhry's method is to place ideas into contexts in order to keep them from becoming too theoretical. While the level of mathematical sophistication is both high and specialized, he includes a brief introduction to the key mathematical concepts. This is a book on the financial markets, not mathematics, and he provides few derivations and fewer proofs. He draws on both his personal experience as well as his own research to bring together subjects of practical importance to bond market investors and analysts.

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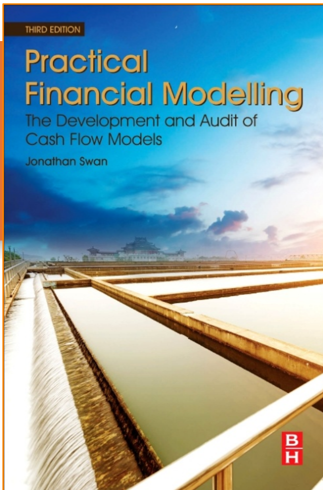

Practical Financial Modelling, 3e

The Development and Audit of Cash Flow Models

Jonathan Swan Operis TRG Limited, London, UK

ISBN: 978-0-08-100587-3

PREVIOUS EDITION ISBN: 9780750686471

PUB DATE: August 2015

FORMAT: Paperback

PAGES: c. 298

AUDIENCE

Upper-division undergraduates, graduate students, and professionals working in investment banking, project finance, the public/private partnership sector

Teaches developers how to build better cash flow models while improving quality control

"The 3rd edition of *Practical Financial Modelling* by Jonathan Swan is a must-read for any organization engaged in corporate modelling in the Excel environment. This well-forged edition offers practitioners important insights and methods to develop models that are useful to the key decision-makers, free of errors, and maintainable for the future by implementing industry standards in model development. Few books in financial modelling even touch on the importance of technique. This book offers a compelling guide to ensure model competence." ***--John C. Banko, University of Florida***

KEY FEATURES

- This new edition increases the number of worked examples and introduces new material on the audit sheet and audit workbook methodologies, and the delta sheet approach to sensitivity analysis.
- It provides the developer with a toolkit of modelling techniques and a framework of error controls to reduce the risk of spreadsheet error.
- The methodology and structure conforms with the modelling principles defined by the Institute of Chartered Accountants of England and Wales; and the model assurance processes ensure compliance with the UK public sector Macpherson Report and regulatory requirements such as Sarbanes-Oxley.

DESCRIPTION

Practical Financial Modelling, 3e is a book on model development and model assurance. It enhances the modelling process by emphasizing controls and checks for accuracy and reliability. New content on validation and verification, model use and sensitivity analysis is presented alongside a modelling methodology that underpins the various proprietary standards used in financial modelling today. It provides more details than other books and yet is general enough for applying its methodology to many applications. This book isn't just about the details of building cash flow models, it's about building better cash flow models.

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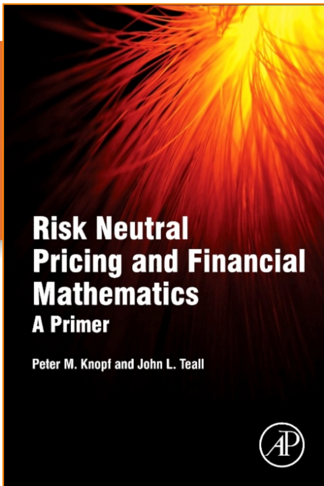

Risk Neutral Pricing and Financial Mathematics: A Primer

Peter M. Knopf Dyson College of Arts and Sciences, Pace University, Pleasantville, NY, USA
John L. Teall Rensselaer Polytechnic Institute, Troy, NY, USA

ISBN: 978-0-12-801534-6
PUB DATE: August 2015
FORMAT: Paperback
PAGES: c. 336

AUDIENCE

Upper-division undergraduates and first-year graduate students worldwide in financial engineering, quantitative finance, computational finance and mathematical finance. Also professionals working in financial institutions, insurance, and risk management.

Teaches introductory financial modeling and mathematics to those lacking significant technical backgrounds, covering finance topics not normally addressed at this level

"A self-contained and well-balanced financial modeling textbook ideally suitable for both business school and engineering school. It also offers an intuitive and applied orientation approach for professional training and self-study." --K.C. Chang, George Mason University?

KEY FEATURES

- Includes more subjects than other books, including probability, discrete and continuous time and space valuation, stochastic processes, equivalent martingales, option pricing, term structure models, valuation, and hedging techniques
- Emphasizes introductory financial engineering, financial modeling, and financial mathematics
- Suited for corporate training programs and professional association certification programs

DESCRIPTION

Risk Neutral Pricing and Financial Mathematics: A Primer provides a foundation to financial mathematics for those whose undergraduate quantitative preparation does not extend beyond calculus, statistics, and linear math. It covers a broad range of foundation topics related to financial modeling, including probability, discrete and continuous time and space valuation, stochastic processes, equivalent martingales, option pricing, and term structure models, along with related valuation and hedging techniques. The joint effort of two authors with a combined 70 years of academic and practitioner experience, *Risk Neutral Pricing and Financial Mathematics* takes a reader from learning the basics of beginning probability, with a refresher on differential calculus, all the way to Doob-Meyer, Ito, Girsanov, and SDEs. It can also serve as a useful resource for actuaries preparing for Exams FM and MFE (Society of Actuaries) and Exams 2 and 3F (Casualty Actuarial Society).

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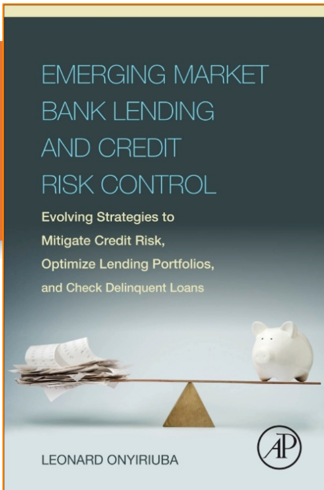

Emerging Market Bank Lending and Credit Risk Control

Evolving Strategies to Mitigate Credit Risk, Optimize Lending Portfolios, and Check Delinquent Loans

Leonard Onyiriuba NFS Data Bureau Limited, Lagos, Nigeria

ISBN: 978-0-12-803438-5

PUB DATE: August 2015

FORMAT: Hardback

PAGES: c. 708

AUDIENCE

Upper-division undergraduates, graduate students, and professionals worldwide working in banking, financial intermediation, and regulation, especially in respect to emerging markets

This book offers practical insights for managing bank lending and credit risk in emerging economies, enriched with case studies and analyses as well as empirical examples and illustrations.

"Leo Onyiriuba has provided a valuable addition to the scant literature on credit risk management in African banks. The book's strong focus on credit and portfolio risk management in emerging markets, management of non-performing credit facilities, establishment of sound bank lending principles, and interrelated key chapters make this a benchmark publication offering guidance and technical analysis of exactly what constitutes sound banking practice." **--Morton Glantz, Fordham Graduate School of Business**

KEY FEATURES

- Emphasizes bank credit risk issues peculiar to emerging economies
- Explains how to attain asset and portfolio quality through efficient lending and credit risk management in high risk-prone emerging economies
- Presents a simple structure, devoid of complex models, for creating, assessing and managing credit and portfolio risks in emerging economies
- Provides credit risk impact mitigation strategies in line with the Basel Accords

DESCRIPTION

Using a framework of volatile markets *Emerging Market Bank Lending and Credit Risk Control* covers the theoretical and practical foundations of contemporary credit risk with implications for bank management. Drawing a direct connection between risk and its effects on credit analysis and decisions, the book discusses how credit risk should be correctly anticipated and its impact mitigated within framework of sound credit culture and process in line with the Basel Accords.

This is the only practical book that specifically guides bankers through the analysis and management of the peculiar credit risks of counterparties in emerging economies. Each chapter features a one-page overview that introduces its subject and its outcomes. Chapters include summaries, review questions, references, and endnotes.

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Tethered Money

Managing Digital Currency Transactions

Gideon Samid University of Maryland, Adelphi, MD, USA

ISBN: 978-0-12-803477-4
PUB DATE: July 2015
FORMAT: Paperback
PAGES: c. 154

AUDIENCE
Upper-division undergraduates, graduate students, and professionals working in disciplines associated with virtual currencies, including financial institutions, computer technology, regulatory and taxation agencies, and financial markets.

This book explores the practical issues and advantages of digital currencies earmarked for specific purposes, presenting a comprehensive discussion of financial transactions using digital currencies, with the author, Gideon Samid, making the case for their expansion in tethered money.

"Gideon is one of the world's leading experts when it comes to digital currency and cryptography. His work is always intelligent and insightful." --**Steven M. Elefant, Soaring Ventures**
"*Tethered Money* highlights a very promising possibility unique to digital money: insuring it is used as intended -- not abused, not wasted. It deserves our full attention" --**Avivah Litan, Gartner**

"Cryptocurrency, such as Bitcoin that initially came on line in 2008, is a candidate for a new type of money based on cryptography and internet. Gideon Samid exposes how cryptocurrency works as a system in concise and rigorous way in *Tethered Money* to tell risks and possibilities and to help us with predicting the future of this kind of money." **--Tetsuya Saito, Nihon University College of Economics**

"Gideon provides a set of expansive and thought-provoking criticisms of both our present financial institutions and more our novel cryptography-based apparatus. Useful reading for anyone considering the technological, legal and social future of money, banking and finance." **--Gavin Wood, Ethereum**

KEY FEATURES

- Delivers an in-depth picture of security issues related to financial transactions
- Explores recent regulatory developments regarding digital currencies
- Considers existing cryptocurrencies and alternative payment schemes

DESCRIPTION
Tettered Money: Managing Digital Currency Transactions presents a comprehensive discussion of financial transactions using digital currencies, with the author, Gideon Samid, making the case for their expansion in tethered money. Exploring the technical, legal, and historical aspects of digital money, the author discusses how the emerging technology of money specified for a specific need or to perform a particular task will affect society.
The ability to dictate, Samid argues, how money is spent could increase control over our lives and resources, enabling us to practice a certain efficiency that would, in due time, become a pillar of civilization. Informative and thought-provoking, the book describes an evolving future that, in some quarters, has already arrived.

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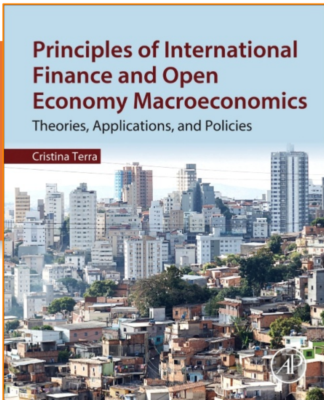

Principles of International Finance and Open Economy Macroeconomics

Theories, Applications, and Policies

Cristina Terra ESSEC Business School and THEMA, France

ISBN: 978-0-12-802297-9

PUB DATE: June 2015

FORMAT: Paperback

PAGES: c. 348

AUDIENCE

Upper-division undergraduate and graduate level students working in international macroeconomics.

Explores open-economy macroeconomics and international finance by defining and illustrating principal theories with examples and actual cases, mostly from developing countries

"Cristina Terra's superb intermediate international macroeconomics textbook fills an important void by providing analysis that is more mathematically rigorous than standard mass market texts, yet remains quite accessible to both advanced undergraduates and first year graduate students. The book is also different in its focus on emerging market policy issues, though the financial crisis has shown that advanced economy practitioners would do well to learn these lessons also. Another very appealing aspect of the book is that a great deal of the material is encompassed within a unified analytical framework, helping students to see links between issues. A very useful addition to the market, especially for juniors and seniors that are really too advanced for standard intermediate international macro books." ***--Kenneth Rogoff, Harvard University***

KEY FEATURES

- Concentrates on developing country perspectives on International Finance and the Economy, including those in Latin American countries
- Provides case studies and publicly available data allowing readers to explore theories and their applications
- Explains recent developments in international finance that are essential to a thorough understanding of the effects and implications of the recent financial crisis
- Proposes a unified mathematical model accessible to those with basic mathematical skills

DESCRIPTION

Principles of International Finance and Open Economy Macroeconomics: Theories, Applications, and Policies presents a macroeconomic framework for understanding and analyzing the global economy from the perspectives of emerging economies and developing countries.

Unlike most macroeconomic textbooks, which typically emphasize issues about developed countries while downplaying issues related to developing countries, this book emphasizes problems in emerging economies, including those in Latin American countries.

It also explains recent developments in international finance that are essential to a thorough understanding of the effects and implications of the recent financial crisis.

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Handbook of Digital Currency

Bitcoin, Innovation, Financial Instruments, and Big Data

Edited by: ***David Lee Kuo Chuen*** Ferrell Asset Management Pte Ltd., Singapore

ISBN: 978-0-12-802117-0

PUB DATE: April 2015

FORMAT: Hardback

PAGES: c. 588

AUDIENCE

Upper-division undergraduates, graduate students, and professionals working in disciplines associated with virtual currencies, including financial institutions, computer technology, regulatory and taxation agencies, and financial markets.

The first reference work providing complete coverage of the Internet of Money

"*The Handbook of Digital Currency* is a very timely reference source on the emerging phenomenon of digital currencies, especially in these times of astonishing growth in popularity and public attention to digital currencies and cryptocurrencies. This book provides an authoritative and reliable reference in this quickly emerging field, setting up a context for future academic and research works on the topic."--David Garcia, ETH Zurich

KEY FEATURES

- Discusses all major strategies and tactics associated with digital currencies, their uses, and their regulations
- Presents future scenarios for the growth of digital currencies
- Written for regulators, crime prevention units, tax authorities, entrepreneurs, micro-financiers, micro-payment businesses, cryptography experts, software developers, venture capitalists, hedge fund managers, hardware manufacturers, credit card providers, money changers, remittance service providers, exchanges, and academics

DESCRIPTION

Incorporating currencies, payment methods, and protocols that computers use to talk to each other, digital currencies are poised to grow in use and importance. *The Handbook of Digital Currency* gives readers a way to learn about subjects outside their specialties and provides authoritative background and tools for those whose primary source of information is journal articles. Taking a cross-country perspective, its comprehensive view of the field includes history, technicality, IT, finance, economics, legal, tax and regulatory environment. For those who come from different backgrounds with different questions in mind, *The Handbook of Digital Currency* is an essential starting point.

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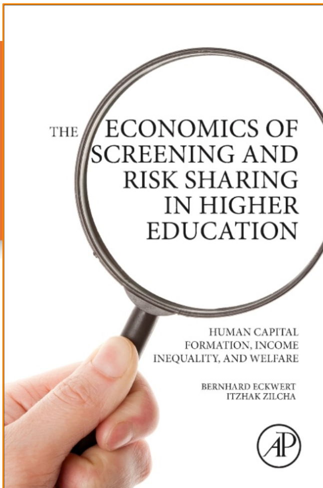

The Economics of Screening and Risk Sharing in Higher Education

Human Capital Formation, Income Inequality, and Welfare

Bernhard Eckwert Bielefeld University, Bielefeld, Germany
Itzhak Zilcha The Eitan Berglas School of Economics, Tel Aviv University, Israel

ISBN: 978-0-12-803190-2
PUB DATE: April 2015
FORMAT: Paperback
PAGES: c. 180

AUDIENCE

Graduate students and researchers working in human capital, inequality, and economic growth, and more generally in macroeconomics, public economics, and labor economics.

Tools from the economics of uncertainty, risk, and information illuminate the problems of screening students for entrance to universities, with innovative and novel results

"This is a beautiful work, a pleasure to read. With MOOCs, reduced government support, and worsening income distribution, concern about how students are sorted among institutions of higher education is rising. To address the effect of universities' ability to process more information about students, Eckwert and Zilcha devise a general equilibrium sorting model , more technically sophisticated than the usual partial equilibrium approach but also more relevant for policy. There are analogies between what they do for higher education and what others have done to model health insurance, where welfare can also be reduced by improved information." -- ***David Denslow, University of Florida***

KEY FEATURES

- Investigates conditions under which better screening leads to desirable outcomes such as higher human capital accumulation, less income inequality, and higher economic well-being.
- Questions how the role of screening relates to the funding structure for investments in higher education and to the availability of risk sharing arrangements for individual talent risks.
- Reveals government policies that are suited for controlling or counteracting detrimental side effects along the growth path.

DESCRIPTION

The Economics of Screening and Risk Sharing in Higher Education explores advances in information technologies and in statistical and social sciences that have significantly improved the reliability of techniques for screening large populations. These advances are important for higher education worldwide because they affect many of the mechanisms commonly used for rationing the available supply of educational services. Using a single framework to study several independent questions, the authors provide a comprehensive theory in an empirically-driven field. Their answers to questions about funding structures for investments in higher education, students' attitudes towards risk, and the availability of arrangements for sharing individual talent risks are important for understanding the theoretical underpinnings of information and uncertainty on human capital formation.

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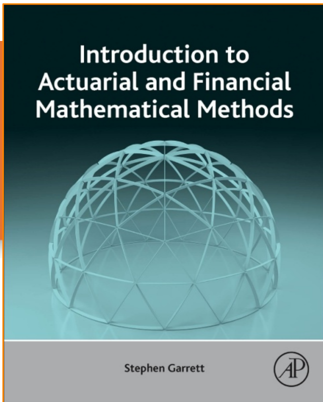

Introduction to Actuarial and Financial Mathematical Methods

Stephen Garrett Professor of Mathematical Sciences, University of Leicester, UK

ISBN: 978-0-12-800156-1
PUB DATE: April 2015
FORMAT: Hardback
PAGES: c. 612

AUDIENCE

Actuarial and finance students worldwide who need to learn or revisit fundamental applied mathematical tools and techniques

This "fundamental mathematics" text provides a complete course of self-study for students of actuarial science and financial mathematics

"This book is an ideal introduction to the mathematical background required for students who wish to embark on an actuarial or financial career. It will be especially useful to students who have not taken a mathematical degree. The extensive examples throughout the book show how the mathematics can be used in practice and enable students to gain a thorough understanding of the material." --***John Millett, University of Kent***

KEY FEATURES

- Presents a self-study mathematics refresher course for the first two years of an actuarial program
- Features examples, motivations, and practice problems from a large number of end-of-chapter questions designed to promote independent thinking and the application of mathematical ideas
- Practitioner friendly rather than academic
- Ideal for self-study and as a reference source for readers with diverse backgrounds entering programs of the Institute and Faculty of Actuaries, the Society of Actuaries, and the CFA Institute

DESCRIPTION

This self-contained module for independent study covers the subjects most often needed by non-mathematics graduates, such as fundamental calculus, linear algebra, probability, and basic numerical methods. The easily-understandable text of *Introduction to Actuarial and Mathematical Methods* features examples, motivations, and lots of practice from a large number of end-of-chapter questions. For readers with diverse backgrounds entering programs of the Institute and Faculty of Actuaries, the Society of Actuaries, and the CFA Institute, *Introduction to Actuarial and Mathematical Methods* can provide a consistency of mathematical knowledge from the outset.

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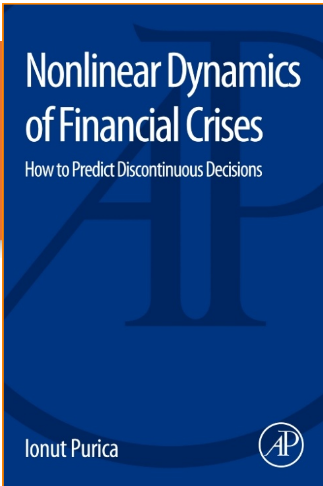

Nonlinear Dynamics of Financial Crises

How to Predict Discontinuous Decisions

Ionut Purica National Institute for Economic Forecasting, Romanian Academy, Bucharest, Romania

ISBN: 978-0-12-803275-6
PUB DATE: April 2015
FORMAT: Paperback
PAGES: c. 112

AUDIENCE
Upper-division undergraduates, graduate students, and professionals working in all areas of finance

Applies principles derived from socio-cultural change and evolution to the problems of understanding financial innovation and crises

"Ionut Purica explores the perplexing problem of financial crises dynamics from a non-traditional economics approach. The progressive methodology and applications make the book ideal for students, researchers, and market practitioners." --Fotis Papailias, Queen's University Management School, Belfast

"Dr. Purica provides a unique perspective on the life-cycle of financial crises. By equating financial instruments to 'memes' he provides new insight into the evolutionary dynamics of financial innovation. His illustration using CDO's and the recent financial crisis is one specific application of this approach that I think many will find interesting." --Michael B. Imerman, Lehigh University

KEY FEATURES

- Makes complex economics ideas accessible by carefully explaining technical terms and minimizing mathematics and equations
- Delivers easily-understood perspectives about the global economy by constructing broad assumptions and conclusions in the face of its infinitely complexity
- Challenges received economic ideas by focusing on human behavior and the roles it plays in easily-observable recent trends and events

DESCRIPTION
When just a handful of economists predicted the 2008 financial crisis, people should wonder how so many well educated people with enormous datasets and computing power can be so wrong. In this short book Ionut Purica joins a growing number of economists who explore the failings of mainstream economics and propose solutions developed in other disciplines, such as sociology and evolutionary biology. While it might be premature to call for a revolution, Dr. Purica echoes John Maynard Keynes in believing that economic ideas are "dangerous for good or evil." In recent years evil seems to have had the upper hand. "Nonlinear Dynamics of Financial Crises" points to their ability to do good.

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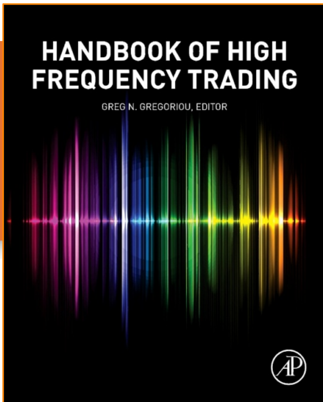

Handbook of High Frequency Trading

Edited by: ***Greg N. Gregoriou*** School of Business and Economics, State University of New York, Plattsburgh, NY, USA

ISBN: 978-0-12-802205-4
PUB DATE: February 2015
FORMAT: Hardback
PAGES: c. 454

AUDIENCE

Upper-division undergraduates, graduate students, and professionals working in asset pricing, investments, and financial institutions.

Reveals the mechanics of high frequency trading markets while including the econometrics of the modeling process

"This handbook, expertly edited by Professor Gregoriou, provides a very thorough coverage of what is a new and complex field of study. It will be indispensable for both commercial and scholastic researchers." --*Stephen Satchell, University of Sydney*

"The introduction of high frequency trading is a major change in the way securities are traded. As with all major changes in security markets there are questions of liquidity and execution, informational efficiency, and the possibility of excess volatility and systemic risk. All of these concerns come down to the fundamental question of how fair these markets are. This volume represents the first comprehensive study of these issues from an academic point of view." --*Stephen J. Brown, NYU Stern School of Business*

KEY FEATURES

- Answers all questions about high frequency trading without being limited to mathematical modelling
- Illuminates market dynamics, processes, and regulations
- Explains how high frequency trading evolved and predicts its future developments

DESCRIPTION

This comprehensive examination of high frequency trading looks beyond mathematical models, which are the subject of most HFT books, to the mechanics of the marketplace. In 25 chapters, researchers probe the intricate nature of high frequency market dynamics, market structure, back-office processes, and regulation. They look deeply into computing infrastructure, describing data sources, formats, and required processing rates as well as software architecture and current technologies. They also create contexts, explaining the historical rise of automated trading systems, corresponding technological advances in hardware and software, and the evolution of the trading landscape. Developed for students and professionals who want more than discussions on the econometrics of the modelling process, *The Handbook of High Frequency Trading* explains the entirety of this controversial trading strategy.

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Oral Communication Skills for Scientific Presentations

William B. Krantz President's Teaching Scholar and Professor Emeritus, University of Colorado, Boulder, CO, USA;Rieveschl Ohio Eminent Scholar and Professor Emeritus, University of Cincinnati, Cincinnati,OH, USA

ISBN: 978-0-12-805418-5

PUB DATE: April 2016

FORMAT: Paperback

PAGES: c. 160

AUDIENCE

Students and researchers across the sciences interested in improving their oral communication skills; in particular non-native English speakers

A practical, compact guidebook covering the 'nuts and bolts' of effective public speaking

KEY FEATURES

- Discusses best practices in putting together an effective talk
- Focuses on leveraging the speaker's existing skill sets to develop the delivery style that works best for that individual
- Features one-page quick reference guides for giving formal oral and informal poster presentations
- Addresses cross-cultural communication as well as particular concerns for non-native English speakers
- Includes a companion site with tools and video examples of formal and informal presentations for further self-guidance

DESCRIPTION

Oral Communication Skills for Scientific Presentations is intended for inexperienced speakers as well as those aspiring to improve their communication skills in making either formal or informal presentations on a technical subject. A complement to having good organization for a technical presentation is to have an effective delivery style. This book provides a template for organizing a technical talk that will include a discussion of various ways to effectively develop each part of a technical presentation.

A special feature of *Oral Communication Skills for Scientific Presentations* is the focus on making presentations to a cross-cultural audience. This relates to relatively minor considerations such as how to list the names of the co-authors on your presentation as well as to more substantive considerations such as how to handle eye contact and use humor, both of which can differ across the global spectrum of cultures. The cross-cultural focus of this book relates not only to the audience, but also to the speaker. This book also includes helpful tips for non-native English speakers.

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Graduate Research, 4e

A Guide for Students in the Sciences

Robert V. Smith Collaborative Brain Trust University Consulting (CBT UC), Sacramento, CA, USA
Llewellyn D. Densmore Department of Biological Sciences, Texas Tech University, Lubbock, TX, USA
Edward F. Lener University Libraries, Virginia Tech, Blacksburg, VA, USA

This newly revised go-to resource is for graduate researchers at all stages of study and covers a range of topics including writing and preparation of research proposals, developing and refining teaching skills, and ethics and compliance areas such as research involving human subjects and animals

ISBN: 978-0-12-803749-2
PREVIOUS EDITION ISBN: 9780295977058
PUB DATE: February 2016
FORMAT: Paperback
PAGES: c. 288

AUDIENCE
Graduate student, graduate advisors, and mentors across the Sciences

KEY FEATURES

- Discusses a broad range of topics including time management, library and literature work, and grant support
- Includes a new chapter on career planning and development with advice on careers in academia, government, and the private sector
- Contains chapters that promote the development of a varied set of communication skills
- Greatly expanded treatment of graduate study and research in international settings

DESCRIPTION

Graduate Research is an all-in-one resource for prospective and matriculated graduate students in the sciences. The newly revised edition includes updates to every chapter. *Graduate Research* covers a range of topics including writing and preparation of research proposals, developing and refining teaching skills, and ethics and compliance areas such as research involving human subjects and animals.

Graduate Research helps readers navigate the multidimensional and interdisciplinary world of scientific research and it is an invaluable resource for graduate researchers as well as those in advising or mentoring roles.

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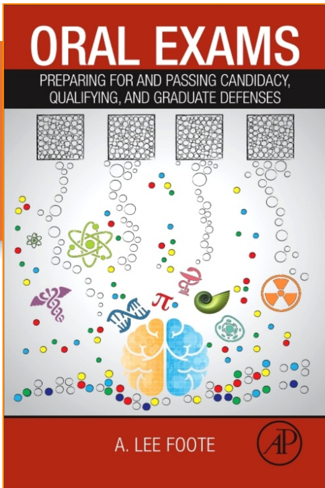

Oral Exams

Preparing For and Passing Candidacy, Qualifying, and Graduate Defenses

Lee A Foote Professor and Director, Devonian Botanic Garden, University of Alberta, Edmonton, AB, Canada

ISBN: 978-0-12-802578-9
PUB DATE: September 2015
FORMAT: Paperback
PAGES: c. 192

AUDIENCE

Graduate students, postdoctoral fellows and faculty in every discipline

This book provides students with a great resource to help them prepare for oral comprehensive and viva voca exams, and is also valuable for faculty as they prepare new questions.

KEY FEATURES

- Describes in detail the general format of oral comprehensive exams, viva voce examinations and defenses, what to expect, and what the requirements are that students need to fulfill to pass.
- Includes appendices with numerous practice questions sourced from a range of disciplines and countries for individual or group learning
- Useful for Early Career academics that are supervising, supporting, and examining PhD students

DESCRIPTION

Oral Exams: Preparing For and Passing Candidacy, Qualifying, and Graduate Defenses provides guidance on how to prepare for oral comprehensive and viva voce exams.

Topics discussed include the supervisory committee, preparing the seminar, arranging content, mental preparation, question framing, and the types of questions to expect.

At its core, the book prepares students to be the best they can be by offering insights into how to interpret and appropriately respond to explicit and implied oral comps questions.

This book benefits faculty by helping them prepare new questions, also providing tips on how to mentor their students in preparation for exams.

The training included can be used to prepare for intensive qualifying or certification exams, job interviews, and presentations.

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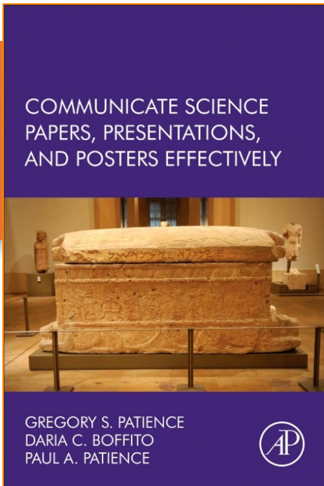


Communicate Science Papers, Presentations, and Posters Effectively

Gregory S Patience Department of Chemical Engineering, Ecole Polytechnique de Montreal, Canada
Daria C. Boffito Department of Chemical Engineering, Ecole Polytechnique de Montreal, Canada
Paul Patience Ecole Polytechnique de Montreal, Canada

ISBN: 978-0-12-801500-1
PUB DATE: August 2015
FORMAT: Paperback
PAGES: c. 264

AUDIENCE
Graduate students, research fellows, post-docs, professors, scientists and researchers in STEM fields.

The tools readers need to become better writers, presenters, and communicators

KEY FEATURES

- Covers how to accurately and clearly exhibit results, ideas, and conclusions
- Identifies phrases common in scientific literature that should never be used
- Discusses the theory of presentation, including "before and after" examples highlighting best practices
- Provides concrete, step-by-step examples on how to make camera ready graphs and tables

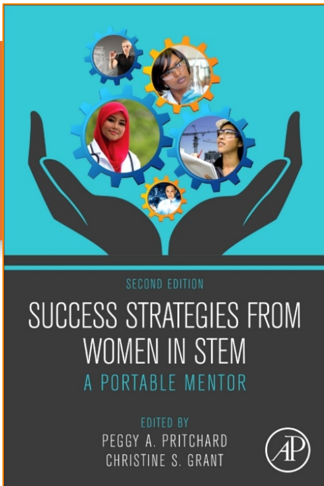
DESCRIPTION
Communicate Science Papers, Presentations, and Posters Effectively is a guidebook on science writing and communication that professors, students, and professionals in the STEM fields can use in a practical way. This book advocates a clear and concise writing and presenting style, enabling users to concentrate on content.

The text is useful to both native and non-native English speakers, identifying best practices for preparing graphs and tables, and offering practical guidance for writing equations. It includes content on significant figures and error bars, and provides the reader with extensive practice material consisting of both exercises and solutions.

Success Strategies From Women in STEM, 2e

A Portable Mentor

Edited by: ***Peggy A. Pritchard*** Associate Librarian, Learning and Curriculum Support Team, University of Guelph, Guelph, ON, Canada
Christine Grant PhD, Full Professor of Chemical and Biomolecular Engineering and Associate Dean of Faculty Advancement, North Carolina State University, College of Engineering, Raleigh, NC, USA



ISBN: 978-0-12-397181-4

PREVIOUS EDITION ISBN: 978-0-12-088411-7

PUB DATE: June 2015

FORMAT: Paperback

PAGES: c. 460

AUDIENCE

Women pursuing careers or involved in careers in science, technology, engineering and mathematics

A comprehensive and accessible manual that provides valuable strategies, tools, and sucess tips for women pursuing and involved in STEM careers

"...we need women to fully participate in this industry...morally and ethically, it's simply the right thing to do. This book will undoubtedly help."--**Network Security, *Success Strategies from Women in STEM, Second Edition***

KEY FEATURES

- Preserves the style and tone of the first edition by bringing together mentors, trainees and early-career professionals in a series of conversations about important topics related to careers in STEM fields, such as leadership, time stress, negotiation, networking, social media and more
- Identifies strategies that can improve career success along with stories that elucidate, engage, and inspire
- Companion website provides authoritative information from successful women engaged in STEM careers, including annotated links to key organizations, associations, granting agencies, teaching support materials, and more

DESCRIPTION

Success Strategies from Women in Stem: A Portable Mentor, Second Edition, is a comprehensive and accessible manual containing career advice, mentoring support, and professional development strategies for female scientists in the STEM fields.

This updated text contains new and essential chapters on leadership and negotiation, important coverage of career management, networking, social media, communication skills, and more. The work is accompanied by a companion website that contains annotated links, a list of print and electronic resources, self-directed learning objects, frequently asked questions, and more.

With an increased focus on international relevance, this comprehensive text contains shared stories and vignettes that will help women pursuing or involved in STEM careers develop the necessary professional and personal skills to overcome obstacles to advancement.

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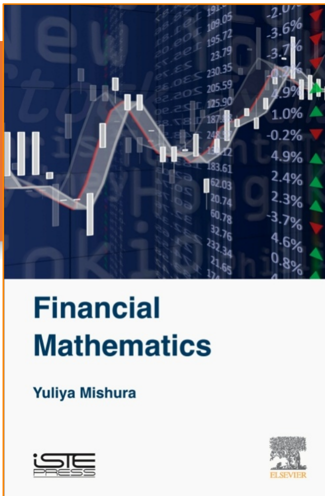

ISBN: 978-1-78548-046-1

PUB DATE: February 2016

FORMAT: Hardback

PAGES: c. 180

AUDIENCE

Academics, researchers, and practitioners in quantitative finance, financial risk management, economics and other areas of math, science and engineering

Financial Mathematics

Yuliya Mishura Head, Department of Probability, Statistics and Actuarial Mathematics, Faculty of Mechanics and Mathematics, Taras Shevchenko Kyiv National University, Kiev, Ukraine

ELSEVIER

How to make the transition from discrete to continuous time in option pricing

KEY FEATURES

- Calculations of Lower and upper prices, featuring practical examples
- The simplest functional limit theorem proved for transition from discrete to continuous time
- Learn how to optimize portfolio in the presence of risk factors

DESCRIPTION

Finance Mathematics is devoted to financial markets both with discrete and continuous time, exploring how to make the transition from discrete to continuous time in option pricing.

This book features a detailed dynamic model of financial markets with discrete time, for application in real-world environments, along with Martingale measures and martingale criterion and the proven absence of arbitrage.

With a focus on portfolio optimization, fair pricing, investment risk, and self-finance, the authors provide numerical methods for solutions and practical financial models, enabling you to solve problems both from mathematical and from financial point of view.

PSYCH, NEURO AND SOCIAL SCIENCE

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Risk-Based and Factor Investing

Edited by: ***Jurczenko Emmanuel*** Professor of Finance and Associate Dean at Ecole Hôtelière de Lausanne, Switzerland

ELSEVIER

A collection of cutting-edge research articles from leaders in the field of RBFI

ISBN: 978-1-78548-008-9

PUB DATE: November 2015

FORMAT: Hardback

PAGES: c. 468

AUDIENCE

Portfolio managers, asset owners, consultants, academics, post-graduate students within the field of mathematics and investment

KEY FEATURES

- Contains up-to-date research from the areas of RBFI
- Features contributions from leading academics and practitioners in this field
- Features discussions of new methods of building strategic and tactical risk-based portfolios for practitioners, academics and students

DESCRIPTION

This book is a compilation of recent articles written by leading academics and practitioners in the area of risk-based and factor investing (RBFI).

The articles are intended to introduce readers to some of the latest, cutting edge research encountered by academics and professionals dealing with RBFI solutions. Together the authors detail both alternative non-return based portfolio construction techniques and investing style risk premia strategies.

Each chapter deals with new methods of building strategic and tactical risk-based portfolios, constructing and combining systematic factor strategies and assessing the related rules-based investment performances. This book can assist portfolio managers, asset owners, consultants, academics and students who wish to further their understanding of the science and art of risk-based and factor investing.

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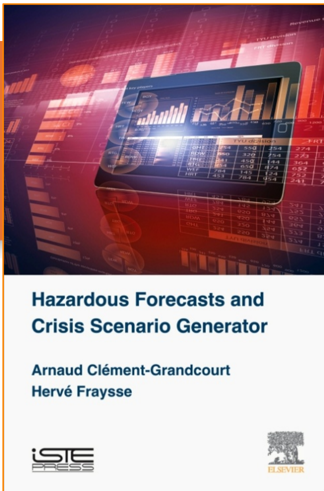

Hazardous Forecasts and Crisis Scenario Generator

Arnaud Clément-Grandcourt Director and Manager of Diamant Bleu LFP Growth and Resilience, Paris, France
Hervé Fraysse Actuary Associate, Institute of Actuaries

ELSEVIER

ISBN: 978-1-78548-028-7
PUB DATE: September 2015
FORMAT: Hardback
PAGES: c. 152

AUDIENCE
Graduate students in master's or Ph.D. programs and practitioners in finance/banking; bankers and risk managers involved in capital allocation and portfolio management

A scenario generator to help you to manage assets in a crisis-prone period

KEY FEATURES

- Evaluates risk-oriented philosophy, forecast risk-oriented philosophy and its processes
- Features scenario-building processes, with an emphasis on main and extreme scenarios
- Discusses asset management processes using a generator methodology to avoid risk understatement and increase optimization.

DESCRIPTION

This book presents a crisis scenario generator with black swans, black butterflies and worst case scenarios. It is the most useful scenario generator that can be used to manage assets in a crisis-prone period, offering more reliable values for Value at Risk (VaR), Conditional Value at Risk (CVaR) and Tail Value at Risk (TVaR).

Hazardous Forecasts and Crisis Scenario Generator questions how to manage assets when crisis probability increases, enabling you to adopt a process for using generators in order to be well prepared for handling crises.

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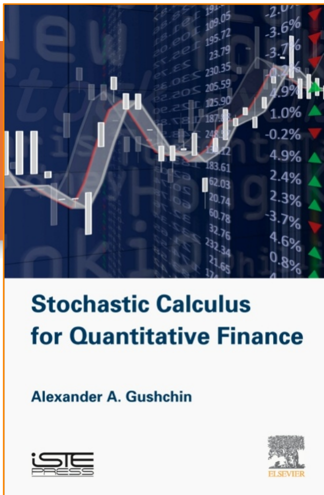

Stochastic Calculus for Quantitative Finance

Alexander A Gushchin Steklov Mathematical Institute, Moscow, Russia

ISBN: 978-1-78548-034-8
PUB DATE: August 2015
FORMAT: Hardback
PAGES: c. 186

AUDIENCE
Graduate students and professors worldwide working in all subdisciplines of economics and finance

The theory of stochastic integration in mathematical finance -- in particular, in arbitrage theory

KEY FEATURES

- Contains the most popular applications of the theory of stochastic integration
- Details necessary facts from probability and analysis which are not included in many standard university courses such as theorems on monotone classes and uniform integrability
- Written by experts in the field of modern mathematical finance

DESCRIPTION

In 1994 and 1998 F. Delbaen and W. Schachermayer published two breakthrough papers where they proved continuous-time versions of the Fundamental Theorem of Asset Pricing. This is one of the most remarkable achievements in modern Mathematical Finance which led to intensive investigations in many applications of the arbitrage theory on a mathematically rigorous basis of stochastic calculus.

Mathematical Basis for Finance: Stochastic Calculus for Finance provides detailed knowledge of all necessary attributes in stochastic calculus that are required for applications of the theory of stochastic integration in Mathematical Finance, in particular, the arbitrage theory. The exposition follows the traditions of the Strasbourg school.

This book covers the general theory of stochastic processes, local martingales and processes of bounded variation, the theory of stochastic integration, definition and properties of the stochastic exponential; a part of the theory of Lévy processes. Finally, the reader gets acquainted with some facts concerning stochastic differential equations.

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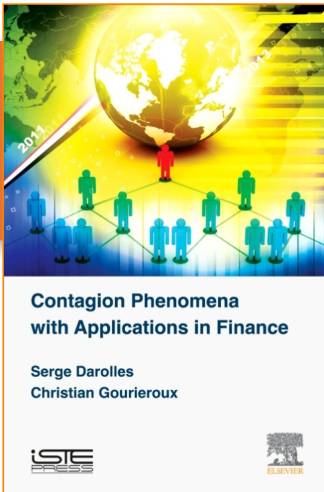

Contagion Phenomena with Applications in Finance

Serge Darolles Professor of Finance, Paris–Dauphine University, France
Christian Gourieroux Professor, Dept of Economics, University of Toronto, Canada

ELSEVIER

ISBN: 978-1-78548-035-5
PUB DATE: August 2015
FORMAT: Hardback
PAGES: c. 154

AUDIENCE

Upper-division undergraduates, graduate students, and researchers working on market linkages, pricing and risk management in financial markets and industries.

KEY FEATURES

- Features the standard practice of defining shocks to models to help you to define impulse response and dynamic consequences
- Shows that identification of shocks can be solved in a dynamic framework, even within a linear perspective
- Helps you to apply the models to portfolio management, risk monitoring, and the analysis of financial stability

DESCRIPTION

Much research into financial contagion and systematic risks has been motivated by the finding that cross-market correlations (resp. coexceedances) between asset returns increase significantly during crisis periods. Is this increase due to an exogenous shock common to all markets (interdependence) or due to certain types of transmission of shocks between markets (contagion)?

Darolles and Gourieroux explain that an attempt to convey contagion and causality in a static framework can be flawed due to identification problems; they provide a more precise definition of the notion of shock to strengthen the solution within a dynamic framework.

This book covers the standard pracitce for defining shocks in SVAR models, impulse response functions, identitification issues, static and dynamic models, leading to the challenges of measurement of systematic risk and contagion, with interpretations of hedge fund survival and market liquidity risks

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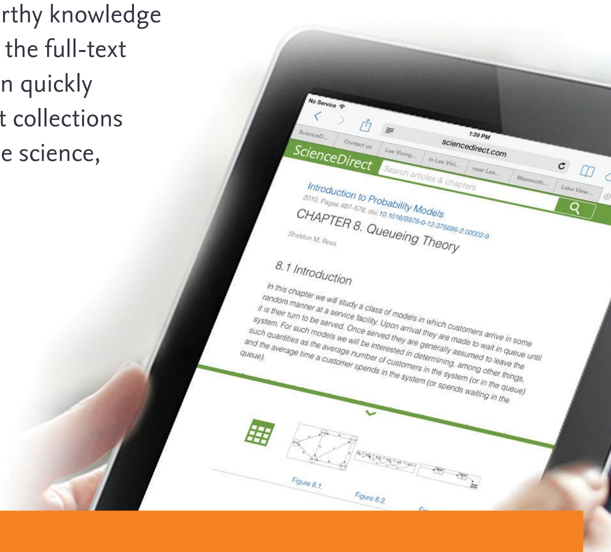

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