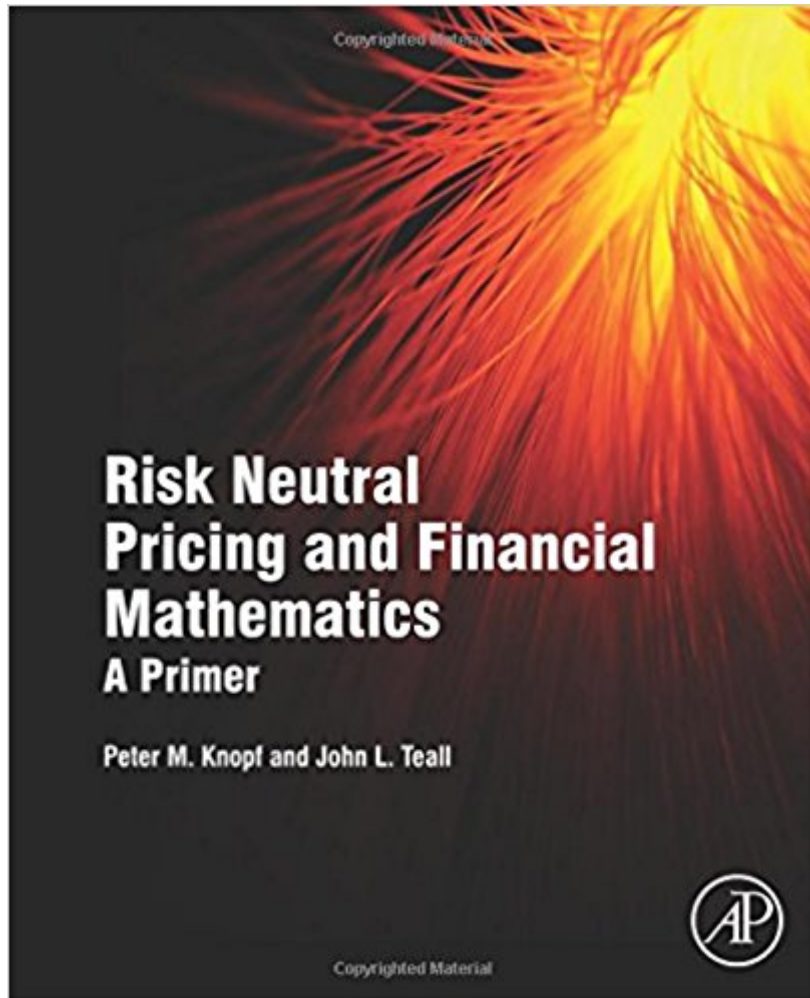




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Risk Neutral Pricing And Financial Mathematics: A Primer



Synopsis

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). 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.

Book Information

Paperback: 348 pages

Publisher: Academic Press; 1 edition (September 1, 2015)

Language: English

ISBN-10: 0128015349

ISBN-13: 978-0128015346

Product Dimensions: 7.5 x 0.8 x 9.2 inches

Shipping Weight: 12.6 ounces (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 1 customer review

Best Sellers Rank: #1,506,399 in Books (See Top 100 in Books) #85 in Books > Business & Money > Economics > Interest #326 in Books > Textbooks > Business & Finance > Banking #498 in Books > Business & Money > Skills > Business Mathematics

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"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

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).

Excellent book!!! Practical and straightforward approach to presenting a complex subject.

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