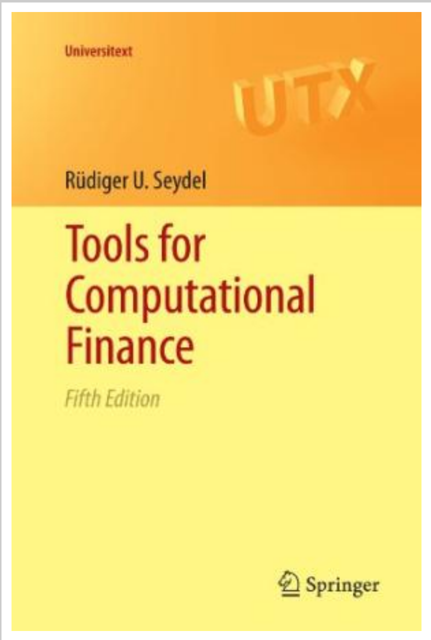

Tools for Computational Finance (5th Revised edition)

By Rudiger U. Seydel

Springer London Ltd. Paperback. Book Condition: new. BRAND NEW, Tools for Computational Finance (5th Revised edition), Rudiger U. Seydel, The disciplines of financial engineering and numerical computation differ greatly, however computational methods are used in a number of ways across the field of finance. It is the aim of this book to explain how such methods work in financial engineering; specifically the use of numerical methods as tools for computational finance. By concentrating on the field of option pricing, a core task of financial engineering and risk analysis, this book explores a wide range of computational tools in a coherent and focused manner and will be of use to the entire field of computational finance. Starting with an introductory chapter that presents the financial and stochastic background, the remainder of the book goes on to detail computational methods using both stochastic and deterministic approaches. Now in its fifth edition, Tools for Computational Finance has been significantly revised and contains: * A new chapter on incomplete markets which links to new appendices on Viscosity solutions and the Dupire equation;* Several new parts throughout the book such as that on the calculation of sensitivities (Sect. 3.7) and the introduction of penalty...

Reviews

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