



# Mathematics for Finance: An Introduction to Financial Engineering (Springer Undergraduate Mathematics Series)

*Marek Capinski, Tomasz Zastawniak*

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As with the first edition, *Mathematics for Finance: An Introduction to Financial Engineering* combines financial motivation with mathematical style. Assuming only basic knowledge of probability and calculus, it presents three major areas of mathematical finance, namely Option pricing based on the no-arbitrage principle in discrete and continuous time setting, Markowitz portfolio optimisation and Capital Asset Pricing Model, and basic stochastic interest rate models in discrete setting.

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"The reviewer can only congratulate the authors with successful completion of a difficult task of writing a useful textbook on a traditionally hard topic." (K. Borovkov, The Australian Mathematical Society Gazette, Vol. 31 (4), 2004)

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