

METADATA

Title: Mathematics for Finance

Other Titles: -

Language: Greek

ISBN: 978-960-603-128-1

Subject: MATHEMATICS AND COMPUTER SCIENCE

Keywords: Simple Interest / Prepayoff promissory note / Equivalent promissory note / Compound Interest / Annuities

Bibliographic Reference: Monovasilis, T., & Kalogiratou, Z. (2015). Mathematics for Finance [Undergraduate textbook]. Kallipos, Open Academic Editions. http://dx.doi.org/10.57713/kallipos-866

Abstract

The book on mathematics for finance describes techniques for solving problems of short-term and long-term financial transactions and their applications in financial transactions. Starting from the theory of simple interest, applications and examples are given that are used to value the money over time. An extensive reference is made to the discounting of foreign exchange (external and internal) as well as to the economic equivalence of foreign exchange through

the models of present and future value. Also, the theory of compound capitalization, interest rate equivalence, as well as the linear and exponential valuation condition of final capital value, is presented. Then, the theory of present and future value is given in capital series, and finally, a study of loans. In all chapters, there is a series of solved examples of all categories, solved and unsolved exercises with the results of their solutions.







