



## Applied Mathematics for Business, Economics, and the Social Sciences (Fourth Edition)

By Frank Budnick

McGraw Hill Education, 2010. Softcover. Book Condition: New. 4th edition. This edition continues to provide an informal, non-intimidating presentation of the mathematical principles, techniques, and applications most useful for students in business, economics, management, and the life and social sciences. Designed primarily for a two-term course in applied mathematics (the book can be adapted easily for a one-term course) it provides a comprehensive treatment of selected topics in finite mathematics and calculus. Table of Contents: PREFACE Chapter 1 Some Preliminaries EQUATIONS AND FUNCTIONS Chapter 2 Linear Equations Chapter 3 Systems Of Linear Equations Chapter 4 Mathematical Functions Chapter 5 Linear Functions: Applications Chapter 6 Quadratic And Polynomial Functions Chapter 7 Exponential And Logarithmic Functions FINITE MATHEMATICS Chapter 8 Mathematics Of Finance Chapter 9 Matrix Algebra Chapter 10 Linear Programming: An Introduction Chapter 11 The Simplex And ` Computer Solution Methods Chapter 12 Transportation And Assignment Models Chapter 13 Introduction To Probability Theory Chapter 14 Probability Distributions THE CALCULUS Chapter 15 Differentiation Chapter 16 Optimization: Methodology Chapter 17 Optimization: Applications Chapter 18 Integral Calculus: An Introduction Chapter 19 Integral Calculus: Applications Chapter 20 Optimization: Functions Of Several Variables COMPOUND - INTEREST TABLES T-I Appendix A A Review Of Algebra (Optional) A-I Algebra Pretest..

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