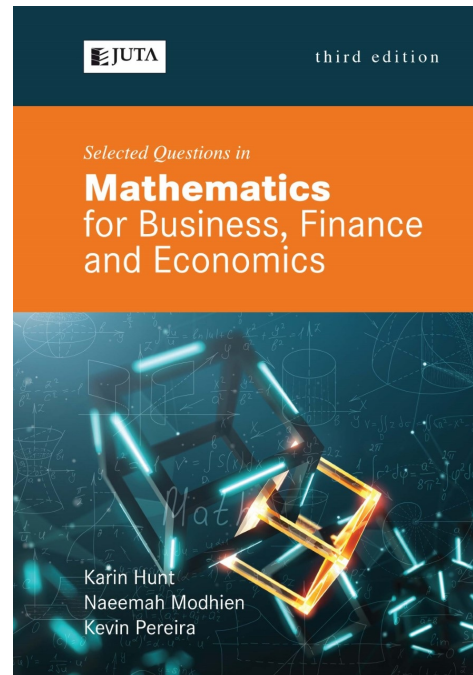


Selected Questions in Mathematics For Business, Finance and Economics

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About this Publication:

This exercise book is comprised of questions covering topics in Differential and Integral Calculus, Matrix Algebra and Linear Programming. The aim of the work is to develop student competency in using mathematical techniques as a “toolbox” for the solution of problems relevant to Economics, Business and Finance. The book provides an introductory revision chapter of basic mathematical principles followed by chapters of multiple-choice questions each covering a particular section of the work. In addition to multiple-choice questions, there are extension tutorials requiring written responses and sample tests covering each section of the work. Answers are provided to each question at the back of the book together with a formula sheet for easy reference.

Key words that describe the book:

- Algebraic manipulation
- Mathematical techniques
- Interpretation of mathematical concepts
- Problem-solving

Contents Include:

- School Revision Page
- R1. Review of Algebra 1
- R2. Review of Equations 3
- R3. Review of Functions 6
- Chapter 1: Mathematical Modelling
- Chapter 2: Introduction to Calculus
- Chapter 3: Rules of Differentiation
- Chapter 4: Applications of Differentiation
- Chapter 5: Further Applications and Techniques of Differentiation
- Chapter 6: Functions of Several Variables
- Chapter 7: Integration
- Chapter 8: Matrix Algebra and Linear Programming
- Extension Tutorials
- Sample Tests
- Answers
- Answers to Questions
- Answers to Extension Tutorials
- Answers to Sample Tests
- Formula Sheet

Of Interest and Benefit to:

First-year accountancy and commerce students.