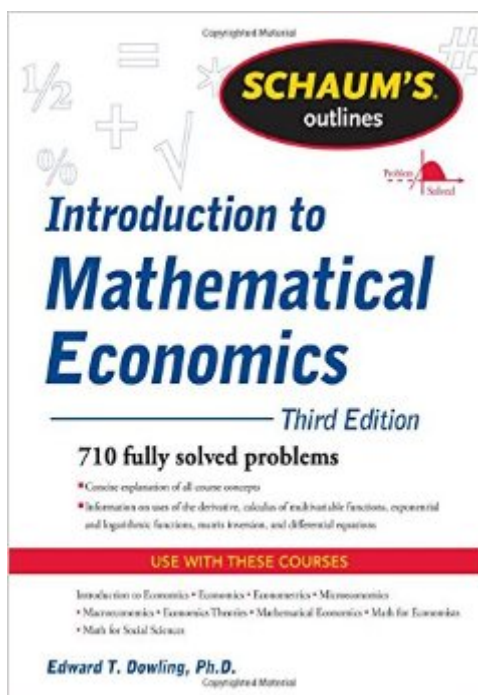


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# Schaum's Outline Of Introduction To Mathematical Economics, 3rd Edition (Schaum's Outlines)



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The ideal review for your intro to mathematical economics course More than 40 million students have trusted Schaum's<sup>™</sup> Outlines for their expert knowledge and helpful solved problems. Written by renowned experts in their respective fields, Schaum's<sup>™</sup> Outlines cover everything from math to science, nursing to language. The main feature for all these books is the solved problems. Step-by-step, authors walk readers through coming up with solutions to exercises in their topic of choice. Outline format supplies a concise guide to the standard college courses in mathematical economics 710 solved problems Clear, concise explanations of all mathematical economics concepts Supplements the major bestselling textbooks in economics courses Appropriate for the following courses: Introduction to Economics, Economics, Econometrics, Microeconomics, Macroeconomics, Economics Theories, Mathematical Economics, Math for Economists, Math for Social Sciences Easily understood review of mathematical economics Supports all the major textbooks for mathematical economics courses

## Book Information

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## Customer Reviews

This is a very useful book for undergrad and graduate students in the fields of Economics and Business. For each topic, the author presents the basics of theory and then proposes several different exercises. The solutions are shown in detail which clearly helps the reader in terms of understanding the path and the reasoning behind a specific solution. The book can be divided into

six parts:I - Introduction: chapters 1 and 2. In here the author discusses the basics you are going to need across the entire book: simultaneous equations, functions, polynomials, linear and quadratic equations.II - Differentiation: Chapters 3 to 9. Differentiation is the key issue in this set of chapters: it is important to stress that the author included multivariable analysis (Lagrange Multipliers for instance) which adds a desirable complexity to the issues that are under discussion;III - Linear Algebra: chapters 10 to 13. In this part, the author presents the most relevant topics in this field such as matrix inversion, determinants, eigen values and concave programming;IV - Integration: chapters 14 and 15. The author provides a good explanation of the main integration techniques and he analyses the indefinite and the definite integral and its applications;V - Differential Equations and Difference Equations: chapters 16 to 19. This part includes first-order differential and difference equations, second-order differential and difference equations and simultaneous differential and difference equations. This part and the next can be consider as the most challenging issues in the entire book.

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