

ZMATH 2013c.00597

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Essential mathematics for economics and business.

Chichester: Wiley. xv, 723 p. (1998).

This is a user-friendly textbook with a wide selection of worked examples, progress exercises with solutions, test exercises, and a lot of real-world applications. The text refers to Excel, but it also can be used without touching on the Excel sections. Here is the contents: Mathematical preliminaries, the straight line, simultaneous equations, nonlinear functions, financial mathematics, differentiation, functions of several variables, integration, linear algebra, difference equations, all chapters with applications. All in all a remarkable book, and I would warmly recommend it for students of economics and business. *J.Piehler (Merseburg)*

Classification: H15 I15 M45

Keywords: textbook; worked examples; exercises; applications; Excel; nonlinear functions; financial mathematics; differentiation; functions of several variables; integration; linear algebra; difference equations