THE AIMS OF THE BOOK

The aim of the book is to introduce some advanced and non-standard methods of analysis and simulation techniques in business and public services. In the book you can find brief descriptions of theories such as fuzzy logic, neural networks, evolutionary algorithms, and the theory of chaos that belong to soft computing and artificial intelligence. Many case studies allow you to become familiar with these theories and their use. The obtained knowledge and skills will provide practitioners, technical analysts, and graduates with advanced access to and mastery of the processes of analyses, simulation, and decision making in business and private services. The book is written in a form that leads the reader to an in-depth understanding of these techniques through scientific and technological applications.

THE CONTENT OF THE BOOK

- Provide readers with knowledge and understanding of advanced analyses and simulation in business and public services;
- · Describe briefly to readers some theories of soft computing and artificial intelligence;
- Present the use of the methods mentioned above in business and public services; and
- Train, equip, and develop management skills using the methods mentioned above in practice for decision-making processes.

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