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Autore	Beni, Paolo
Titolo	L'Anticrusca : parte prima / Paolo Beni
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Autore	Gibson John E
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Altri autori (Persone)	SchererWilliam T GibsonWilliam F
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Nota di contenuto

HOW TO DO SYSTEMS ANALYSIS; Contents; Preface; A Personal Note from William T. Scherer; A Personal Note from William F. Gibson; A Personal Note from Scott F. Ferber; Original Preface from Jack Gibson; Acknowledgments; 1 Introduction; 1.1 What Is a System?; 1.2 Terminology Confusion; 1.3 Systems Analysis Equals Operations Research Plus Policy Analysis; 1.4 Attributes of Large-Scale Systems; 1.5 Intelligent Transportation Systems (ITS): An Example of a Large-Scale System; 1.6 Systems Integration; 1.7 What Makes a "Systems Analysis" Different?; 1.8 Distant Roots of Systems Analysis
1.9 Immediate Precursors to Systems Analysis1.10 Development of Systems Analysis As a Distinct Discipline: The Influence of RAND; Historical Case Study: IIASA (A); Exercises; Case Study: Fun at Six Flags?; Historical Case Study: IIASA (B); 2 Six Major Phases of Systems Analysis; 2.1 The Systems Analysis Method: Six Major Phases; 2.2 The Goal-centered or Top-Down Approach; 2.3 The Index of Performance Concept; 2.4 Developing Alternative Scenarios; 2.5 Ranking Alternatives; 2.6 Iteration and the "Error-embracing" Approach; 2.7 The Action Phase: The Life Cycle of a System; Exercises
Case Study: Methodologies or Chaos? Part ACase Study: Methodologies or Chaos? Part B; Case Study: Wal-Mart Crisis!; 3 Goal Development; 3.1 Seven Steps in Goal Development; 3.2 On Generalizing the Question; 3.3 The Descriptive Scenario; 3.4 The Normative Scenario; 3.5 The Axiological Component; 3.6 Developing an Objectives Tree; 3.7 Fitch's Goals for an Urbanizing America: An Example of Objectives Tree Construction; 3.8 Content Analysis of Fitch's Goals; 3.9 Validate; 3.10 Iterate; Case Study: Distance Learning in the Future?; Historical Case Study: Goals of 4C, Inc.
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5.15 The Forrester Urban Model (FUM) and Societal Values

Sommario/riassunto

This book focuses on systems analysis, broadly defined to also include problem formulation and interpretation of proposed alternatives in terms of the value systems of stakeholders. Therefore, the book is a complement, not a substitute to other books when teaching systems engineering and systems analysis. The nature of problem solving discussed in this book is appropriate to a wide range of systems analyses. Thus the book can be used as a stand-alone book for teaching the analysis of systems. Also unique is the inclusion of broad case studies to stress problem solving issues, making How to