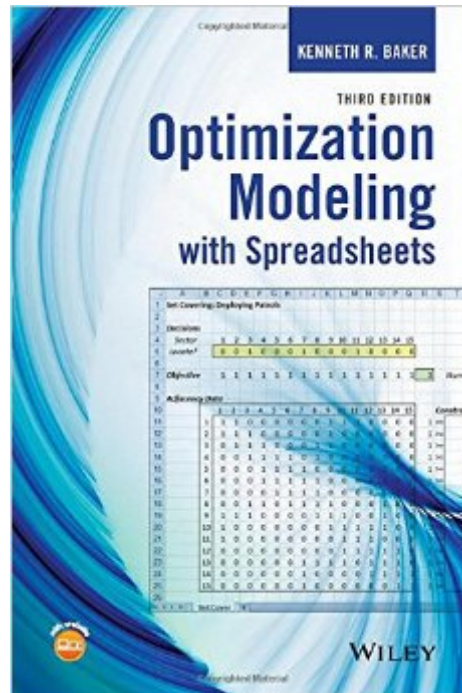


The book was found

Optimization Modeling With Spreadsheets



Synopsis

An accessible introduction to optimization analysis using spreadsheets Updated and revised, *Optimization Modeling with Spreadsheets*, Third Edition emphasizes model building skills in optimization analysis. By emphasizing both spreadsheet modeling and optimization tools in the freely available Microsoft® Office Excel® Solver, the book illustrates how to find solutions to real-world optimization problems without needing additional specialized software. The Third Edition includes many practical applications of optimization models as well as a systematic framework that illuminates the common structures found in many successful models. With focused coverage on linear programming, nonlinear programming, integer programming, and heuristic programming, *Optimization Modeling with Spreadsheets*, Third Edition features:

- An emphasis on model building using Excel Solver as well as appendices with additional instructions on more advanced packages such as Analytic Solver Platform and OpenSolver
- Additional space devoted to formulation principles and model building as opposed to algorithms
- New end-of-chapter homework exercises specifically for novice model builders
- Presentation of the Sensitivity Toolkit for sensitivity analysis with Excel Solver
- Classification of problem types to help readers see the broader possibilities for application
- Specific chapters devoted to network models and data envelopment analysis
- A companion website with interactive spreadsheets and supplementary homework exercises for additional practice

Optimization Modeling with Spreadsheets, Third Edition is an excellent textbook for upper-undergraduate and graduate-level courses that include deterministic models, optimization, spreadsheet modeling, quantitative methods, engineering management, engineering modeling, operations research, and management science. The book is an ideal reference for readers wishing to advance their knowledge of Excel and modeling and is also a useful guide for MBA students and modeling practitioners in business and non-profit sectors interested in spreadsheet optimization.

Book Information

Hardcover: 392 pages

Publisher: Wiley; 3 edition (July 20, 2015)

Language: English

ISBN-10: 1118937694

ISBN-13: 978-1118937693

Product Dimensions: 6.3 x 1 x 9.5 inches

Shipping Weight: 1.5 pounds (View shipping rates and policies)

Average Customer Review: 4.7 out of 5 stars See all reviews (3 customer reviews)

Best Sellers Rank: #34,564 in Books (See Top 100 in Books) #16 in Books > Textbooks > Engineering > Industrial Engineering #35 in Books > Computers & Technology > Business Technology > Software > Spreadsheets #36 in Books > Business & Money > Management & Leadership > Management Science

Customer Reviews

Good resource for my graduate class. Followed my professor's models well.

Really great practical text. I wish there was more use of Heuristics though.

Excelent book, very practical approach.

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