



Mathematical Programming for Agricultural, Environmental, and Resource Economics

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DESCRIPTION

Mathematical Programming Models for Agriculture, Environmental, and Resource Economics provides a comprehensive overview of mathematical programming models and their applications to real world and important problems confronting agricultural, environmental, and resource economists. Unlike most mathematical programming books, the principal focus of this text is on applications of these techniques and models to the fields of agricultural, environmental, and resource economics. The three fundamental goals of the book are to provide the reader with: (1) a level of background sufficient to apply mathematical programming techniques to real world policy and business to conduct solid research and analysis, (2) a variety of applications of mathematical programming to important problems in the areas of agricultural, environmental, and resource economics, and (3) a firm foundation for preparation to more advanced, Ph.D. level books on linear and/or nonlinear programming. Despite its introductory nature, the text places significant emphasis on real world applications of mathematical programming to decision problems. A wide array of examples and case studies are used to convey the various programming techniques available to decision analysts.

ABOUT THE AUTHOR

Harry Kaiser is an economist and the Gellert Family Professor of Applied Economics and Management at Cornell University. Kent D. Messer is the author of *Mathematical Programming for Agricultural, Environmental, and Resource Economics*, published by Wiley.

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FEATURES

- **FREE Risk Solver for Education software** accompanies the text!
- **Combination** of an introductory text in applied mathematical programming with a **principle focus** on relevant natural resource and environmental issues.
- Designed for upper-level undergraduates and Masters-level graduate students majoring in economics, agricultural economics, environmental and resource economics, applied economics, and applied operations research.
- **Applies** math programming models to **real-world problems** confronting agriculture, the environment, and natural resources.
- **Includes numerous exercises** of varying level of difficulty: 20+ exercises with answers to odd-numbered questions for each chapter.

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