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NEW BOOK ANNOUNCEMENT

Modeling Languages in Mathematical Optimization

ISBN: 1-4020-7547-2

By
Josef Kallrath
BASF-AG, Scientific Computing, Ludwigshafen, Germany
University of Florida, Department of Astronomy, Gainesville, Florida, U.S.A.

This book deals in a unique combination with the aspects of modeling and solving real world-optimization problems. It is the only book, which treats systematically the major modeling languages and systems used to solve mathematical optimization problems, and provides a useful overview and orientation on today's modeling languages in mathematical optimization. It demonstrates the strengths and characteristic features of such languages and provides a bridge for researcher, practitioners and students into a new world of excitement: solving real world optimization problems with the most advanced modeling systems.

The book addresses researchers of mathematical programming, scientists in various disciplines who use optimization methods to model and solve problems, operations research practitioners, supply chain management consultants and decision makers in the area of tool selection for optimization tasks as well as students and graduates in mathematics, science, operations research and business with interest in modeling and solving real optimization problems. Often, application software has implemented an optimization model without an algebraic modeling language. The people responsible for maintaining or further developing such applications might be looking for improvements to put their software on a safer platform and they will definitely benefit from this book.

Kluwer Academic Publishers, 101 Philip Dr., Norwell, MA 02061,
Fax: 781-681-9045, Tel: 781-871-6600, E-mail: Kluwer@wkap.com

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