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**Optimization for communications and networks.**

Enfield, NH: Science Publishers; Boca Raton, FL: CRC Press (ISBN 978-1-57808-724-2/hbk; 978-1-4398-7656-5/ebook). xiii, 208 p. (2012).

The textbook provides an introduction to optimization theory and its applications. It is written for senior undergraduate students and for first-year graduate students of related fields. Presented examples are for communication and network problems. By attempting to cover linear, convex and integer optimization, the book focuses on fundamental concepts and techniques rather to be comprehensive. Each main chapter starts with theoretical discussion to be followed by example applications for practical engineering problems. Exercise problems are provided at the end of each chapter, with detailed solutions given in appendix. Specific computer programs are also given for examples that require the use of an optimization software tool.

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*Classification:* N65

*Keywords:* linear programming; convex programming; integer programming; network optimization

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