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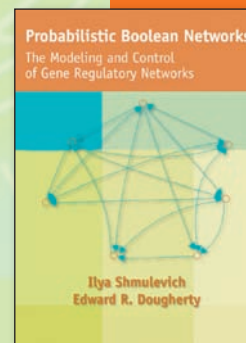
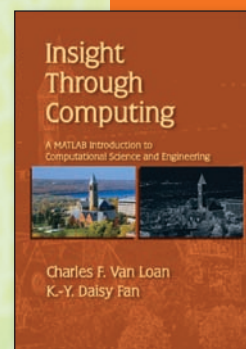
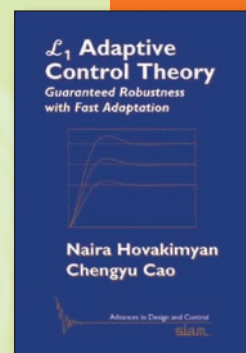
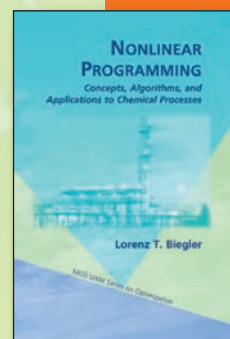
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Art is adapted from a paper by Roger P. Pawlowski and John Shadid, Sandia National Laboratories, and Joseph P. Simonis and Homer F. Walker, Department of Mathematical Sciences, Worcester Polytechnic Institute.

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Tobin A. Driscoll

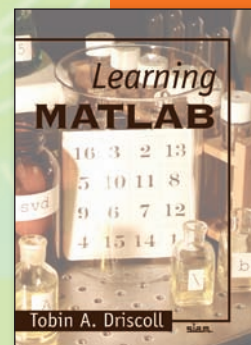
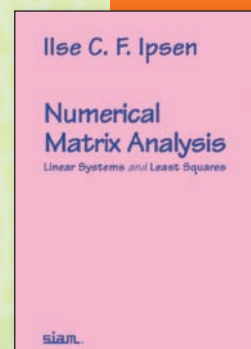
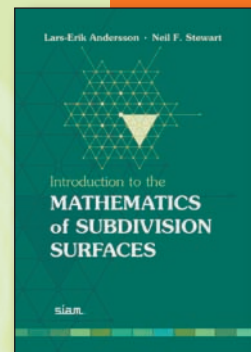
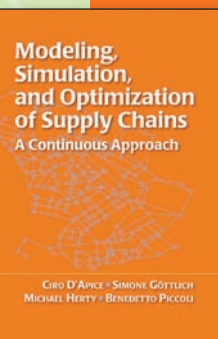
This engaging book is a concise introduction to the essentials of the MATLAB® programming language and is ideal for readers seeking a focused and brief approach to the software. *Learning MATLAB* contains numerous examples and exercises involving the software's most useful and sophisticated features and an overview of the most common scientific computing tasks for which it can be used. Rather than including exhaustive technical material, the author teaches through readily understood examples and numerous exercises that range from straightforward to very challenging.

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Jason L. Speyer and David H. Jacobson

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Per Christian Hansen

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Alexander Shapiro, Darinka Dentcheva, and Andrzej Ruszczyński

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Margaret Cheney and Brett Borden

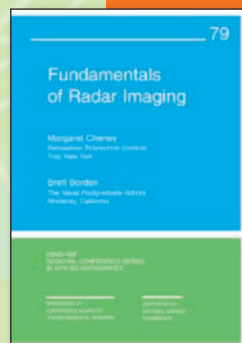
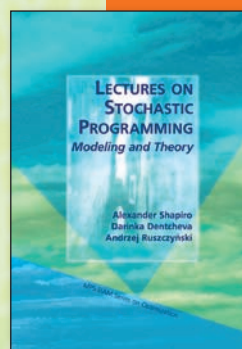
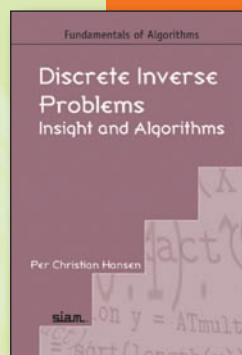
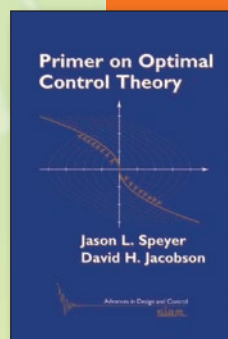
The goal of this book is to provide mathematicians with the background they need to work in the radar imaging field, building on the foundation of the underlying partial differential equations. The focus is on showing the connection between the physics and the mathematics and on supplying an intuitive mathematical understanding of basic concepts. The book includes a description of how a radar system works, together with the relevant mathematics; theory that guides the choice of radar waveforms; derivation of the fundamentals of scattering theory; and derivation and discussion of the image formation process.

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