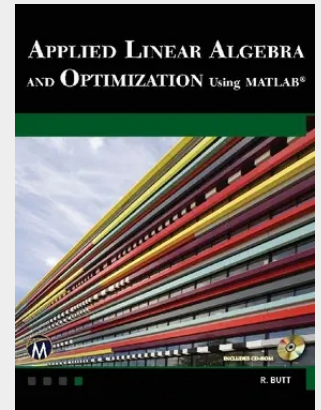


Applied Linear Algebra and Optimization Using MATLAB

No detailed description available for "Applied Linear Algebra and Optimization Using MATLAB".

Designed for engineers, computer scientists, and physicists or for use as a textbook in computational courses, "Applied Linear Algebra & Optimization Using MATLAB" provides the reader with numerous applications, m-files, and practical examples to solve complex problems. Balancing theoretical concepts with computational speed and accuracy, the book includes numerous short programs in MATLAB that can be used to solve problems involving systems of linear equations, matrices, vectors, computer graphics, and more. The book is accompanied by a CD-ROM with all of the figures, m-files for all of the programs, and MATLAB simulations from industry. Complete solutions and Microsoft PowerPoint slides are available to instructors for use as a textbook. This title exploits the symbolic, numerical, and graphical capabilities of MATLAB to develop a thorough understanding of linear algebra and optimization algorithms. It is accompanied by a CD-ROM with all of the figures, m-files for all of the programs, and MATLAB simulations from industry. It includes complete solutions, PowerPoint slides for instructors when used as a textbook.



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