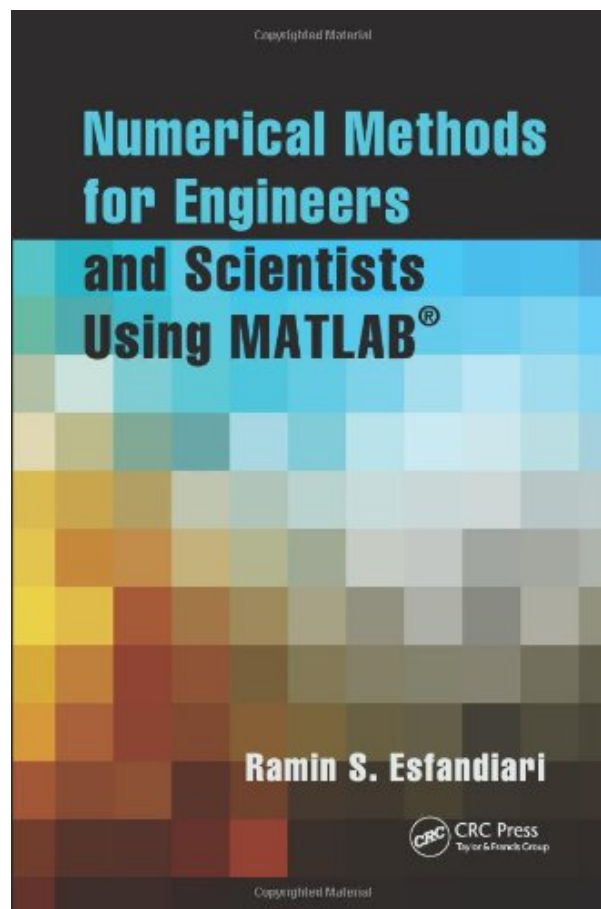
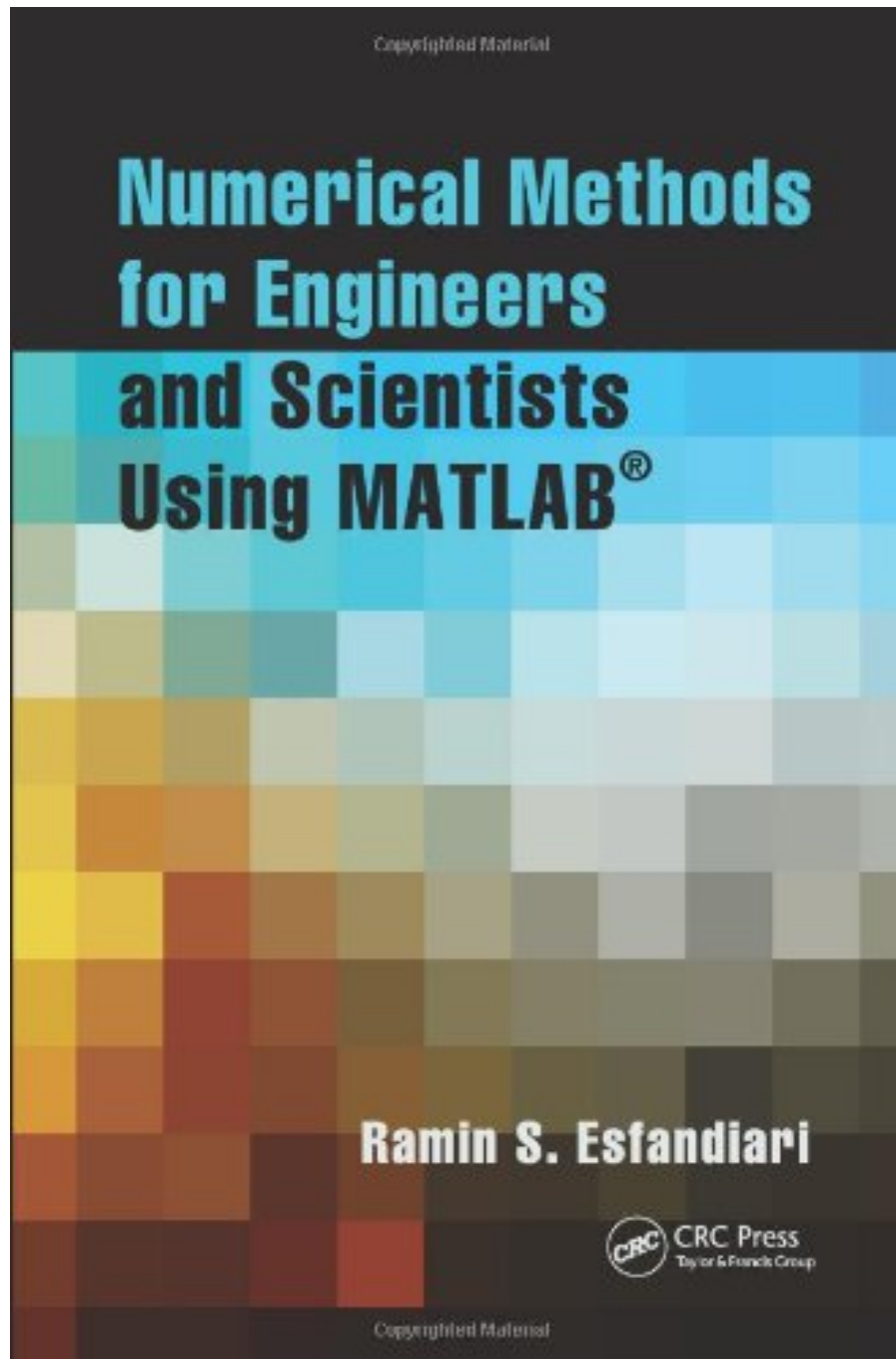


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"Overall, this book provides the reader with a fundamental knowledge of basic numerical methods that are used in various disciplines in engineering and science. MATLAB is used throughout the book either in the implementation of a numerical method or in the completion of a homework problem. It covers a variety of numerical methods..."

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## **About the Author**

Dr. Ramin S. Esfandiari is a professor of mechanical and aerospace engineering at California State University, Long Beach. He received his BS in mechanical engineering, as well as his MA and PhD in applied mathematics from the University of California, Santa Barbara. He has authored several books and refereed research papers in high-quality engineering and scientific journals, including Modeling and Analysis of Dynamic Systems (CRC Press, 2010) with Dr. Bei Lu. Dr. Esfandiari has received several teaching and research awards, including two Meritorious Performance and Professional Promise Awards, the TRW Excellence in Teaching and Scholarship Award, and the Distinguished Faculty Teaching Award.

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