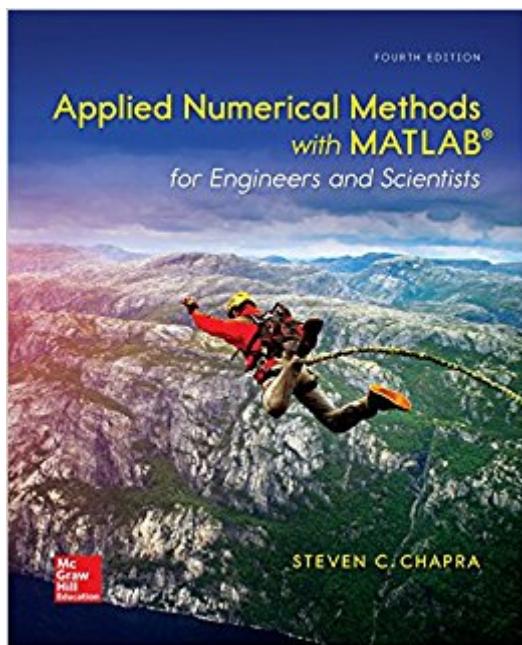The book was found

Applied Numerical Methods With MATLAB For Engineers And Scientists (Civil Engineering)

Synopsis

Applied Numerical Methods with MATLAB is written for students who want to learn and apply numerical methods in order to solve problems in engineering and science. As such, the methods are motivated by problems rather than by mathematics. That said, sufficient theory is provided so that students come away with insight into the techniques and their shortcomings.McGraw-Hill Education's Connect, is also available as an optional, add on item. Connect is the only integrated learning system that empowers students by continuously adapting to deliver precisely what they need, when they need it, how they need it, so that class time is more effective. Connect allows the professor to assign homework, quizzes, and tests easily and automatically grades and records the scores of the student's work. Problems are randomized to prevent sharing of answers an may also have a "multi-step solution" which helps move the students' learning along if they experience difficulty.

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Customer Reviews

Steven C. Chapra (Medford, MA) is Professor of Civil and Environmental Engineering, Tufts University.

I use this book. It is very short, but well written.If you want to learn numerical methods - Use Burden & Faires.But this book is for the end - user of the MATLAB numerical methods. It also gives some background info on these methods.

The description given about the book did not correspond with the book I received. The book I received was not a hardcover nor was it the 550 pages as described. It was the paperback version that contained 384 pages. However, regardless of being paperback rather than hardcover, it was still the same book I needed. I ordered it on thursday, and received it on monday. The shipping was extremely fast and I'm very happy about it, because I needed this book ASAP to do my studies. And the price of the book couldn't be beat, I practically saved 60 bucks for a new book.

This is a well-written book that provides a nice, concise introduction to numerical methods. As with other books by this author, it is very student friendly and should be particularly useful for people, like myself, who use it for self-study. I was not familiar with MATLAB prior to using the book. This book made it relatively easy for me to pick up the fundamentals and then implement numerical solutions. As a computer scientist, I also liked the emphasis placed on the development of M-files. My only criticism is that I wish the book covered more material. I hope that the author expands it in future editions.

I had to buy this book for my class. This book doesn't instruct how to input equations. Not enough example answer codes for each problem. Less visual and tedious to follow all words.

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