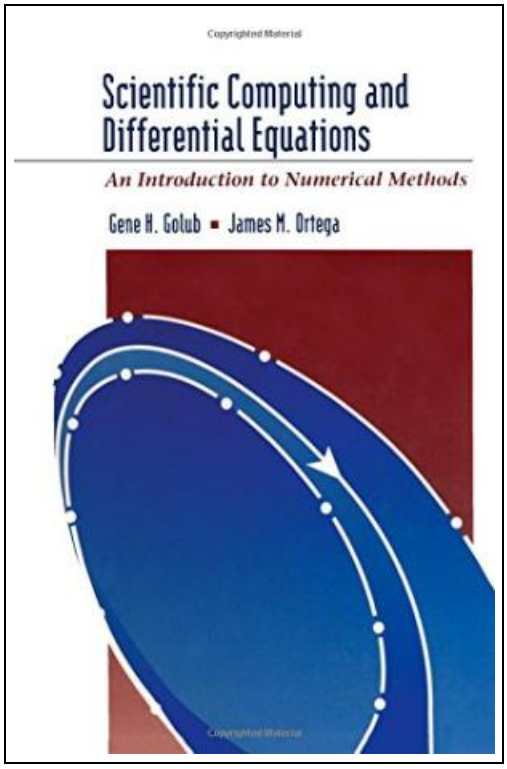
Scientific Computing and Differential Equations: An Introduction to Numerical Methods (Hardback)



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Reviews

It is an awesome book that we have possibly go through. It is actually writter in straightforward words and phrases and not confusing. It is extremely difficult to leave it before concluding, once you begin to read the book.
(Tierra Kunde)

SCIENTIFIC COMPUTING AND DIFFERENTIAL EQUATIONS: AN INTRODUCTION TO NUMERICAL METHODS (HARDBACK)

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Elsevier Science Publishing Co Inc, United States, 1991. Hardback. Book Condition: New. 2nd Revised edition. 231 x 157 mm. Language: English . Brand New Book. Scientific Computing and Differential Equations: An Introduction to Numerical Methods, is an excellent complement to Introduction to Numerical Methods by Ortega and Poole. The book emphasizes the importance of solving differential equations on a computer, which comprises a large part of what has come to be called scientific computing. It reviews modern scientific computing, outlines its applications, and places the subject in a larger context. This book is appropriate for upper undergraduate courses in mathematics, electrical engineering, and computer science; it is also well-suited to serve as a textbook for numerical differential equations courses at the graduate level. * An introductory chapter gives an overview of scientific computing, indicating its important role in solving differential equations, and placing the subject in the larger environment * Contains an introduction to numerical methods for both ordinary and partial differential equations * Concentrates on ordinary differential equations, especially boundary-value problems * Contains most of the main topics for a first course in numerical methods, and can serve as a text for this course * Uses material for junior/senior level undergraduate courses in math and computer science plus material for numerical differential equations courses for engineering/science students at the graduate level.

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