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Elementary Theory and Application of Numerical Analysis: Revised Edition

By James E. Miller

Dover Publications. Paperback. Book Condition: New. Paperback. 334 pages. Dimensions: 9.2in. x 6.1in. x 0.8in. This updated introduction to modern numerical analysis is a complete revision of a classic text originally written in Fortran but now featuring the programming language C. It considers a relatively small number of basic concepts and techniques, focusing on how and why each method works. The authors offer careful consideration of error-analysis aspects related to the problems and algorithms. The treatment also reviews and solidifies basic concepts from elementary calculus, emphasizing theory and proofs. It makes repeated use of the mean-value theorem, intermediate-value theorem, and Taylor's series. Many exercises appear throughout the text, most with solutions, and an extensive tutorial explains how to solve problems with C. This item ships from multiple locations. Your book may arrive from Roseburg, OR, La Vergne, TN. Paperback.



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