MATLAB Numerical Analysis and Applications - (with 1DVD)

By SONG YE ZHI DENG

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Pages Number: 472 Publisher: Machinery Industry Press. Pub. Date :2009-7-1. Matlab numerical analysis is the most widely used languages. Book is an experimental form of a tutorial on how to use matlab programming computation of numerical analysis. covering many aspects of numerical analysis. The book includes 13 chapters (three parts) and four appendices. The first part (Chapter 1) about the matlab programming language based. The second part of a systematic introduction to symbolic computation in calculus and complex variables two basic courses of Mathematics. University of applications. and linear equations. nonlinear equations and optimization methods. eigenvalues ??and eigenvectors. interpolation and function approximation. estimation methods and data fitting. integral calculations. numerical methods such as ordinary differential equations; from a practical point of view. in many chapters gives some examples of numerical analysis applications. The third part of the final two chapters alone are some more integrated mathematical modeling. This book emphasizes the basic principles of numerical analysis and programming ideas. and emphasizes the visualization. as much as possible given the results from the multi-angle image representation. Science book for non-mathematics...

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