



Applied Mathematics (Hardback)

By J. David Logan

John Wiley Sons Inc, United States, 2013. Hardback. Book Condition: New. 4th Revised edition. 238 x 160 mm. Language: English . Brand New Book. Praise for the Third Edition Future mathematicians, scientists, and engineers should find the book to be an excellent introductory text for coursework or self-study as well as worth its shelf space for reference. MAA Reviews Applied Mathematics, Fourth Edition is a thoroughly updated and revised edition on the applications of modeling and analyzing natural, social, and technological processes. The book covers a wide range of key topics in mathematical methods and modeling and highlights the connections between mathematics and the applied and natural sciences. The Fourth Edition covers both standard and modern topics, including scaling and dimensional analysis; regular and singular perturbation; calculus of variations; Green s functions and integral equations; nonlinear wave propagation; and stability and bifurcation. The book provides extended coverage of mathematical biology, including biochemical kinetics, epidemiology, viral dynamics, and parasitic disease. In addition, the new edition features: * Expanded coverage on orthogonality, boundary value problems, and distributions, all of which are motivated by solvability and eigenvalue problems in elementary linear algebra * Additional MATLAB(R) applications for computer algebra system calculations * Over...



Reviews

This book is great. it absolutely was writtern really perfectly and beneficial. You may like how the blogger compose this book.

-- Pink Haley

This published pdf is fantastic. It really is rally fascinating through studying time period. I am just very happy to inform you that this is actually the greatest publication i actually have read within my own lifestyle and could be he best ebook for actually.

-- Noemie Hyatt