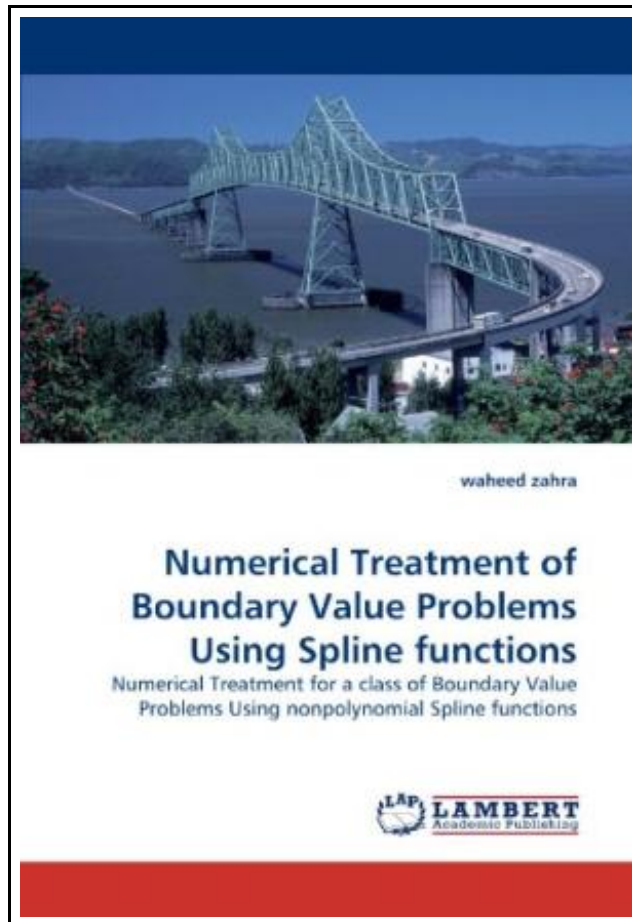


Numerical Treatment of Boundary Value Problems Using Spline Functions



Filesize: 8.36 MB

Reviews

Here is the finest ebook i have got read until now. It really is simplistic but excitement within the 50 percent in the book. Once you begin to read the book, it is extremely difficult to leave it before concluding.

(Lupe Connelly)

NUMERICAL TREATMENT OF BOUNDARY VALUE PROBLEMS USING SPLINE FUNCTIONS



LAP LAMBERT Academic Publishing. Paperback. Book Condition: New. Paperback. 112 pages. Dimensions: 8.7in. x 5.9in. x 0.3in. Nonpolynomial Spline Methods (NPSMs) are presented for solving single and system of boundary value problems (BVPs) of orders two, four, six and an $2m$ th order BVPs respectively. Also, the numerical solution of singular second order BVPs is considered. Optimal order approximations to the solutions of these boundary value problems are obtained. The matrix properties of these BVPs, arising from the discretization of systems of BVPs by NPSMs, are discussed. Sufficient conditions for the optimal convergence for NPSMs are obtained. Also, NPSMs generalize other recent finite difference methods and polynomial spline methods through arbitrary choices of some defined parameters in these methods. Numerical results demonstrated by the NPSMs are shown to produce smaller approximation errors and the superiority of our methods over other recent methods such as finite difference methods, polynomial spline methods and spline collocation methods. These new proposed methods are very encouraging in dealing with boundary value problems. This item ships from multiple locations. Your book may arrive from Roseburg, OR, La Vergne, TN. Paperback.



Read Numerical Treatment of Boundary Value Problems Using Spline Functions Online



Download PDF Numerical Treatment of Boundary Value Problems Using Spline Functions

You May Also Like



The TW treatment of hepatitis B road of hope(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2012-10-28 Pages: 119 Publisher: People's Medical racket Reading: All books are...

[Read ePub »](#)



Scaffolding Emergent Literacy : A Child-Centered Approach for Preschool Through Grade 5

Book Condition: Brand New. Book Condition: Brand New.

[Read ePub »](#)



Studyguide for Introduction to Early Childhood Education: Preschool Through Primary Grades by Jo Ann Brewer ISBN: 9780205491452

2011. Softcover. Book Condition: New. 6th. 8.25 x 11 in. Never HIGHLIGHT a Book Again! Includes all testable terms, concepts, persons, places, and events. Cram101 Just the FACTS101 studyguides gives all of the outlines, highlights,...

[Read ePub »](#)



Studyguide for Introduction to Early Childhood Education: Preschool Through Primary Grades by Brewer, Jo Ann

CRAM101, United States, 2013. Paperback. Book Condition: New. 279 x 210 mm. Language: English . Brand New Book ***** Print on Demand *****.Never HIGHLIGHT a Book Again! Includes all testable terms, concepts, persons, places, and...

[Read ePub »](#)



Preschool education research methods(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2013-08-01 Language: Chinese Publisher:. Nanjing University Press only genuine new book...

[Read ePub »](#)