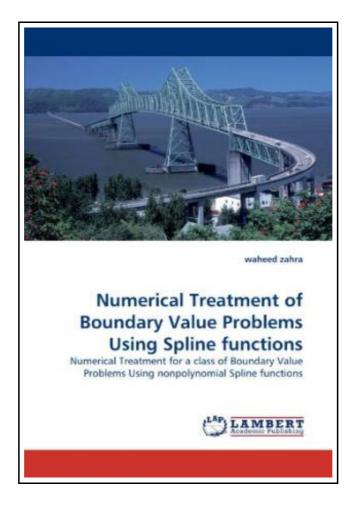
Numerical Treatment of Boundary Value Problems Using Spline Functions



Filesize: 2.07 MB

Reviews

It in a single of the best book. This is for those who statte there had not been a well worth reading through. Once you begin to read the book, it is extremely difficult to leave it before concluding. (Dr. Barney Robel Jr.)

NUMERICAL TREATMENT OF BOUNDARY VALUE PROBLEMS USING SPLINE FUNCTIONS



To save Numerical Treatment of Boundary Value Problems Using Spline Functions eBook, remember to refer to the web link listed below and download the document or gain access to additional information which might be have conjunction with NUMERICAL TREATMENT OF BOUNDARY VALUE PROBLEMS USING SPLINE FUNCTIONS ebook.

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 2mth 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

Related Books



[PDF] Dont Line Their Pockets With Gold Line Your Own A Small How To Book on Living Large

Click the hyperlink listed below to download "Dont Line Their Pockets With Gold Line Your Own A Small How To Book on Living Large" document.

Save Document »



[PDF] Summer Fit Preschool to Kindergarten Math, Reading, Writing, Language Arts Fitness, Nutrition and Values

Click the hyperlink listed below to download "Summer Fit Preschool to Kindergarten Math, Reading, Writing, Language Arts Fitness, Nutrition and Values" document.

Save Document »



[PDF] Scala in Depth

Click the hyperlink listed below to download "Scala in Depth" document.

Save Document »



[PDF] The Day I Forgot to Pray

Click the hyperlink listed below to download "The Day I Forgot to Pray" document.

Save Document »



[PDF] DK Readers Day at Greenhill Farm Level 1 Beginning to Read

Click the hyperlink listed below to download "DK Readers Day at Greenhill Farm Level 1 Beginning to Read" document.

Save Document »



[PDF] Harts Desire Book 2.5 La Fleur de Love

Click the hyperlink listed below to download "Harts Desire Book 2.5 La Fleur de Love" document.

Save Document »