

A Study on Eigencalues of Higher-Order Tensors and Related Polynomial Op timization Problems



Filesize: 1.67 MB

Reviews

This published pdf is fantastic. Sure, it really is enjoy, continue to an amazing and interesting literature. I found out this publication from my dad and i suggested this pdf to learn.

(Burdette Buckridge)

A STUDY ON EIGENVALUES OF HIGHER-ORDER TENSORS AND RELATED POLYNOMIAL OPTIMIZATION PROBLEMS



2015. Soft cover. Book Condition: New. 1st Edition. Chapter 1 Introduction 1.1 Eigenvalues problems of higher order tensors 1.2 Related polynomial optimization problems 1.3 Applications 1.4 Spectral properties and algorithms: a literature review 1.5 The organization of this book Chapter 2 Spectral Properties of H-eigenvalue Problems of a Nonnegative Square Tensor 2.1 Introduction 2.2 From nonnegative matrices to nonnegative tensors 2.3 Nonnegative irreducible tensors and primitive tensors 2.4 Perron-Frobenius theorem for nonnegative tensors and related results 2.5 Geometric simplicity 2.6 The Collatz-Wielandt formula 2.7 Other related results 2.8 Some properties for nonnegative weakly irreducible tensors 2.8.1 Weak irreducibility 2.8.2 Generalization from nonnegative irreducible tensors to nonnegative weakly irreducible tensors Chapter 3 Algorithms for Finding the Largest H-eigenvalue of a Nonnegative Square Tensor 3.1 Introduction 3.2 A polynomial-time approach for computing the spectral radius 3.3 Two algorithms and convergence analysis 3.3.1 An inexact power-type algorithm 3.3.2 A one-step inner iteration power-type algorithm 3.4 Numerical experiments 3.4.1 Experiments on the polynomial-time approach 3.4.2 Experiments on the inexact algorithms Chapter 4 Spectral Properties and Algorithms of H-singular Value Problems of a Nonnegative Rectangular Tensor 4.1 Introduction 4.2 Preliminaries 4.3 Some conclusions concerning the singular value of a nonnegative rectangular tensor 4.4 Primitivity and the convergence of the CQZ method for finding the largest singular value of a nonnegative rectangular tensor 4.5 Algorithms for computing the largest singular value of a nonnegative rectangular tensor 4.5.1 A polynomial-time algorithm 4.5.2 An inexact algorithm 4.6 A solving method of the largest singular value based on the symmetric embedding 4.6.1 Singular values of a rectangular tensor 4.6.2 Singular values of a general tensor Chapter 5 Properties and Algorithms of Z-eigenvalue Problems of a Symmetric Tensor 5.1 Introduction 5.2 Some spectral properties 5.2.1 The Collatz-Wielandt formula 5.2.2 Bounds on the Z-spectral radius 5.3 The reformulation problem and the no duality gap result 5.3.1 The reformulation problem 5.3.2 Dual problem of (RP) 5.3.3 No duality gap result 5.4 Relaxations and algorithms 5.4.1 Nuclear norm regularized convex relaxation of (RP) and the proximal augmented Lagrangian method 5.4.2 The truncated nuclear norm regularization and the...

 [Read A Study on Eigenvalues of Higher-Order Tensors and Related Polynomial Optimization Problems Online](#)

 [Download PDF A Study on Eigenvalues of Higher-Order Tensors and Related Polynomial Optimization Problems](#)

Other eBooks



TJ new concept of the Preschool Quality Education Engineering: new happy learning young children (3-5 years old) daily learning book Intermediate (2) (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 :2005-09-01 Publisher: Chinese children before making Reading: All books are the...

[Download PDF »](#)



McGraw-Hill Reading Phonics And Phonemic Awareness Practice Book, Grade 3 (2001 Copyright)

McGraw-Hill, 2001. Soft cover. Book Condition: Brand New. Dust Jacket Condition: No Dust Jacket. Brand New 2001 Copyright, Grade 3 Student Phonics And Phonemic Awareness Practice Book With Units 1-6, Unit Reviews, Take-Home Stories, Illustrations...

[Download PDF »](#)



Friendly Corners Series: Pizza Zombies - Book #2

Hyperion, 1900. Paperback. Book Condition: New. 1st Hyperion edition. Hyperion 1900 1st Hyperion edition New/ View through cover. From School Grade 4-7. Many years ago, a large meteorite struck the original settlers of Friendly Corners,...

[Download PDF »](#)



How The People Found A Home-A Choctaw Story, Grade 4 Adventure Book

McGraw Hill. Soft cover. Book Condition: Brand New. Dust Jacket Condition: No Dust Jacket. Brand New In Softcover Format, How The People Found A Home-A Choctaw Story, Grade 4 Adventure Book. 1-1-3.

[Download PDF »](#)



Skills for Preschool Teachers, Enhanced Pearson eText - Access Card

Pearson Education (US), United States, 2016. Online resource. Book Condition: New. 10th edition. 279 x 216 mm. Language: English . Brand New Book. NOTE: Used books, rentals, and purchases made outside of Pearson If purchasing...

[Download PDF »](#)