

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



Filesize: 3.07 MB

Reviews

Complete guide for publication enthusiasts. I have read and i am sure that i will going to study again once again in the future. Your way of life period will be transform once you total looking over this publication.

(Shayne O'Conner)

A STUDY ON EIGENCALUES OF HIGHER-ORDER TENSORS AND RELATED POLYNOMIAL OP TIMIZATION PROBLEMS

DOWNLOAD



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



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



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

You May Also Like



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 ePub »](#)



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 ePub »](#)



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 ePub »](#)



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 ePub »](#)



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 ePub »](#)

**Read Write Inc. Phonics: Orange Set 4 Storybook 5 Too Much!**

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. Tim Archbold (illustrator). 182 x 76 mm. Language: N/A. Brand New Book. These engaging Storybooks provide structured practice for children learning to read the Read

[Read PDF »](#)

**Read Write Inc. Phonics: Yellow Set 5 Non-Fiction 1 in the Park**

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. 215 x 178 mm. Language: N/A. Brand New Book. These decodable non-fiction books provide structured practice for children learning to read. Each set of books

[Read PDF »](#)

**The Three Little Pigs - Read it Yourself with Ladybird: Level 2**

Penguin Books Ltd, United Kingdom, 2013. Paperback. Book Condition: New. 222 x 150 mm. Language: English . Brand New Book. In this classic fairy tale, the three little pigs leave home and build their own

[Read PDF »](#)

**Rumpelstiltskin - Read it Yourself with Ladybird: Level 2**

Penguin Books Ltd. Paperback. Book Condition: new. BRAND NEW, Rumpelstiltskin - Read it Yourself with Ladybird: Level 2, In this classic fairy tale, a miller's daughter has to spin straw into gold for the king.

[Read PDF »](#)

**The Tale of Jemima Puddle-Duck - Read it Yourself with Ladybird: Level 2**

Penguin Books Ltd. Paperback. Book Condition: new. BRAND NEW, The Tale of Jemima Puddle-Duck - Read it Yourself with Ladybird: Level 2, This is a gentle adaptation of the classic tale by Beatrix Potter. Jemima

[Read PDF »](#)