第一图书网, tushu007.com

<<广义逆:理论与计算(英文版)>>

图书基本信息

书名：<<广义逆:理论与计算(英文版)>>

13位ISBN编号：9787030124371

10位ISBN编号：7030124375

出版时间：2004-1

出版时间：科学出版社

作者：科学出版社 编

页数：294

版权说明：本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问：http://www.tushu007.com

第一图书网, tushu007.com

<<广义逆:理论与计算(英文版)>>

内容概要

Generalized inverses arise in various applications in statistics,science and engineering,shch as least squares approximation,singular differential and difference equations ,singular control,Markov chains and ill-posed problems,This book contains the latest developments in the theory and computations of generalized inverses. This book was writter for researchers in matrix theory,numerial linear algebra,parallel computatons and,particularly,the generalized inverses with application.And it can also be used as a text or reference for a graduate course.As prerequisties,we assume that reader is with basic linear algebra,matrix theory and functional analysis.

第一图书网, tushu007.com

<<广义逆:理论与计算(英文版)>>

书籍目录

PrefaceList of NotationsChapter 1 Equation Solving Generalized Inverses 1.1 The Moore-Pentose inverse 1.2 {i,j,k}inverses 1.3 The generalized inverses with prescribed range and null space 1.4 Weighted Moore-Penrose inverse 1.5 Bott-Duffin inverse and generalized Bott-Duffin inverse Remarks on Chapter1Chpater 2 Drazin Inverse 2.1 Drazin inverse 2.2 Group inverse 2.3 W-weighted Drazin inverse Remarks on Chapter 2Chapter 3 The Generalization of Cramer Rule and the Minors of the Generalized Inverses 3.1 The nonsingularity of bordered matrices 3.2 Cramer rule for the solution of a linear equation 3.3 Cramer rule for the solution of a matrix Equation 3.4 The determinantal expressions of the generalized inverses and projectors 3.5 The determinantal expressions of the minors of the generalized inverses Remarks on Chapter 3Chapter 4 The Reverse Order Law and Forward Order Law for the Generalized Inverses A(2)T,S 4.1 Inrroduction 4.2 Reverse order law 4.3 Forward order law Remarks on Chapter 4Chpater 5 Computational Aspects of the Generalized Inverses 5.1 Methods based on full rank factorizations 5.2 Singular value decompositions and (M,N)singular value decompositions ……Chapter 6 The Parallel Algorithms for Computing the Generalized InversesChapter 7 Perturbation Analysis of the Moore-Penrose INverse and the Weighted Moore-InverseChapter 8 Perturbation Analysis of the Drazin Inverse and the Group InverseChapter 9 The Moore-Penrose Inverse of Linear OperatorsChapter 10 Drazin INverse of OperatorsChapter 11 W-weighted Drazin Inverse of OperatorsReferencesIndex

第一图书网, tushu007.com

<<广义逆:理论与计算(英文版)>>

版权说明

本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问:http://www.tushu007.com