

# 《Computer Algebra and》

## 图书基本信息

书名：《Computer Algebra and Geometric Algebra with Applications 计算机代数和几何代数 及应用》

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## 书籍目录

Part I : Computer Algebra and Applications On Wintner's Conjecture About Central Configurations Polynomial General Solutions for First Order Autonomous ODEs The Newton Polygon Method for Differential Equations Implicit Reduced Involutive Forms and Their Application to Engineering Multibody Systems Hybrid Method for Solving New Pose Estimation Equation System Some Necessary Conditions on the Number of Solutions for the P4P Problem A Generalization of Xie-Nie Stability Criterion Formal Power Series and Loose Entry Formulas for the Dixon Matrix Constructive Theory and Algorithm for Blending Several Implicit Algebraic Surfaces Minimum-Cost Optimization in Multicommodity Logistic Chain Network A Survey of Moving Frames Invariant Geometric Motions of Space Curves Classification of Signature Curves Using Latent Semantic Analysis Hamiltonian System and Algebro-Geometric Solution Associated with Dispersive Long Wave Equation The Painleve Test of Nonlinear Partial Differential Equations and Its Implementation Using MaplePart II: Geometric Algebra and Applications Hybrid Matrix Geometric Algebra Intrinsic Differential Geometry with Geometric Calculus On Miquel's Five-Circle Theorem On Averaging in Clifford Groups Combinatorics and Representation Theory of Lie Superalgebras over Letterplace Superalgebras Applications of Geometric Algebra in Robot Vision Twists-An Operational Representation of Shape Recent Applications of Conformal Geometric Algebra Applications of Conformal Geometric Algebra in Computer Vision and Graphics .....Author Index

## 精彩短评

1、Computer Algebra and Geometric Algebra with Applications 李洪波

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