

<<几何分析进展>>

图书基本信息

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内容概要

本书介绍了几何和理论物理领域一些重要的最新进展，内容包括Monge—Ampere方程，Kahler—Ricci流，完全非线性椭圆型和抛物型方程，Kahler几何中的典范度量，广义相对论中的拟局部质量概念等。

本书深入地分析了基本的几何对象和相关问题，如Calabi—Yau流形及它们的Kahler—Ricci流和度量性质；介绍了适用于Monge—Ampere方程的有效且完备的方法；用非线性椭圆型方程的奇异解与Einstein方程的时间周期解讨论了Yang—Mills联络的性质；最后还讨论了微分几何及代数几何的辛结构。

本书的每篇文章都是由该领域知名专家撰写，可供微分几何、代数几何、辛几何、理论物理等相关领域的研究人员参考。

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书籍目录

- Welcoming Speech (Extended) by Iriedrich Hirzebruch
 Speech of Thanks by Shing-Tung Yau
 Preface
 Part I. Monge-Ampre Equations and Nonlinear Partial Differential Equations
 Zbigniew Błocki: On Geodesics in the Space of Kähler Metrics
 Udo Simon and Ruiwei Xu: Geometric Modelling Techniques for the Solution of Certain Monge-Ampre Equations
 Ovidiu Savin: A Localization Property at the Boundary for Monge-Ampre Equation
 Stawomir Dinew and Stawomir Kotodziej: Pluripotential Estimates on Compact Hermitian Manifolds
 Duong H. Phong and Jacob Sturm: On Pointwise Gradient Estimates for the Complex Monge-Ampre Equation
 Luis Caffarelli, Yuhong Li and Louis Nirenberg: Some Remarks on Singular Solutions of Nonlinear Elliptic Equations. II. Symmetry and Monotonicity via Moving Planes
 Part II. Canonical Metrics in Kähler Geometry
 Simon K. Donaldson: Calabi-Yau Metrics on Kummer Surfaces as a Model Gluing Problem
 Jian Song and Yuan Yuan: The Kähler-Ricci Flow on Singular Calabi-Yau Varieties
 Valentino Tosatti: The K-energy on Small Deformations of Constant Scalar Curvature Kähler Manifolds
 Part III. General Relativity and Yang-Mills Theory
 De-Xing Kong and Kefeng Liu: Time-periodic Solutions of the Einstein Field Equations
 Mu-Tao Wang: Quantitative Properties of the New Quasilocal Mass
 Mike Scherfner, Simon Weiss and Shing-Tung Yau: A Review of the Chern Conjecture for Isoparametric Hypersurfaces in Spheres
 Mark Stern: Geometry of Stable Yang-Mills Connections
 Part IV. Algebraic and Symplectic Methods
 Kwokwai Chan and Naichung Conan Leung: Matrix Factorizations from SYZ Transformations
 Dominic Joyce: On Manifolds with Corners
 Goo Ishikawa and Stanisław Janeczko: Symplectic Invariants of Parametric Singularities
 Fabrizio Catanese: Irreducibility of the Space of Cyclic Covers of Algebraic Curves of Fixed Numerical Type and the Irreducible Components of $\text{Sing}(92;tg)$
 Meirav Amram, David Garber, Robert Shwartz and Mina Teicher: 8-point -- Regenerations and Applications

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