

<<几何分析进展>>

图书基本信息

书名：<<几何分析进展>>

13位ISBN编号：9787040331271

10位ISBN编号：7040331276

出版时间：2011-11

出版范围：高等教育

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页数：342

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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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