

<<环上矩阵几何>>

图书基本信息

书名：<<环上矩阵几何>>

13位ISBN编号：9787030169822

10位ISBN编号：7030169824

出版时间：2006-8

出版时间：科学出版社发行部

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页数：340

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内容概要

环与模，环上矩阵论，非交换主理想整环上的仿射几何与射影几何，非交换主理想整环上的长方矩阵几何，交换主理想整环上的对称矩阵几何，除环上Hermitian矩阵几何，除环上分块三角矩阵几何，以及矩阵几何在代数学、几何学、图论等方面的应用。

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编辑推荐

The book discusses the geometry of matrices over some rings and their applications in algebra and geometry. The first part of the book is concerned with rings and modules , matrices over a ring , affine geometry and projective geometry over a Bezout domain. Later in the book , more advanced topics , such as the geometry of rectangular matrices over a Bezout domain or a semisimple ring , the geometry of Hermilian matrices or skew-Hermitian matrices over a division ring , the geometry of symmetric matrices over a principal ideal domain and the geometry of block triangular matrices over a division ring are discussed in detail.

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