

<<紧复曲面>>

图书基本信息

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内容概要

本书是一部非常好的学习代数曲面的书，提供了复曲面分类的复解析方法。此书是从复代数几何角度研究复曲面的大全类书籍，从初等入门到高深前沿都有涉及。这本书是经典中的经典，讲的是代数曲面的各种专题，每个章节都写的无限完美。内容包括曲面里的曲线，相交数，霍奇分解，projectivity，有理曲面分类，Kodaira分类，general 曲面，K3&Enrique曲面。此书新版的最后两章写的尤其好，一是 K3 曲面；另一个是 Donaldson 和 Seiber Witten 理论，后者是来自模空间的不变量理论，都是现在热门的专题。有位读者这么说：“可以说如果学代数几何没念过这本书，甚至是学几何没念过《紧复曲面(第2版)》，可以考虑换行，是百年难得一见的好书。”可见《紧复曲面(第2版)》书在该领域具有举足轻重的地位。

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