

<<高等材料力学和实用应力分析>>

图书基本信息

书名：<<高等材料力学和实用应力分析>>

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内容概要

本书的编写目的是帮助读者实现从初等材料力学到高等材料力学的顺利过度。

它以开阔的视野综合讲述应力分析领域中的理论、计算和实验方法，其宽广的覆盖范围能使讲授者方便地从中选择许多不同的专题供一门或多门课程所用，是一本优秀的教科书和专业参考书。

本书继承了第一版简明易懂的写作风格和思路清晰的数学论述。

第二版的主要改进之处有：对高等材料力学的专门问题（如非对称梁、单闭室和多闭室薄壁管的扭转、剪刀中心、曲梁、平板和接触应力等）作了内容补充和更为清晰的概括；增加了引自弹性力学的专题；对有限元法（FEM）一章进行了全面修改；为了给学生介绍商用有限元软件的应用方法，补充了关于有限元模型化技术的新章节。

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