

<<复变函数与积分变换>>

图书基本信息

书名：<<复变函数与积分变换>>

13位ISBN编号：9787030193513

10位ISBN编号：7030193512

出版时间：2007-8

出版时间：科学

作者：盖云英

页数：249

字数：305000

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内容概要

本书是一本用于同名课程双语教学的英文教材，编者参考多本有关的经典原著英文教材，按照国家教育部对本课程的基本要求，结合多年的教学实践编撰而成，内容分两部分，共8章，第1~6章为复变函数部分，包括complex numbers and functions of a complex variable（复数与复变函数），analytic functions（解析函数），complex integrals（复积分），series（级数），residues（留数），conformal mappings（保形映射），第7章和第8章是积分变换部分，包括Fourier transform（傅里叶变换）和Laplace transform（拉普拉斯变换），书中各章节都安排了足够量的例题，在每章后也安排了大量精选的习题，并按大纲的要求及难易程度分为A、B两类，本书既可作为理工科大学同名课程的双语教材，也可供有关工程技术人员参考。

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