

<<电磁场与电磁波>>

图书基本信息

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## <<电磁场与电磁波>>

### 内容概要

本书是关于电磁场与电磁波的一本很有特色的教材，取材新颖，笔法灵活，逻辑性强。

教材从矢量分析和场论入手，以简捷清晰的方式建立了电磁模型。

紧接着，全面地阐述了电磁场和电磁波的基础理论，包括静电场、静磁场、稳恒电流的场、边值问题的经典解法、时变电磁场与麦克斯韦方程组、平面电磁波及其传播、传输线、阻抗圆图、微带线、波导与谐振腔、天线与电磁辐射、电磁屏蔽等内容。

本书除了内容全面之外，还具有很大的灵活性，这是因为全书的内容安排具有较完整的模块性，从而可以灵活地取舍和组合成适合不同行业 and 不同对象的电磁场与电磁波的教材。

本书特别适合用作理科大学本科高年级和工科院校硕士研究生基础课的英文授课教材或英文参考书。

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