

<<生物微机电系统>>

图书基本信息

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### 内容概要

微系统技术领域的飞速发展在许多重点学科(从微电子到生命科学)引入了极具前景的产品,特别是生命科学和卫生保健业,一直是人们期望的微系统技术产品的主要市场。

毫无疑问,生物学和微纳科学的结合将会制造一场新的科技革命。

器件的微型化,直到纳米级别,接近生物组织的大小,将是生命科学成功的必备条件。

从长远角度来看,生物技术和微纳技术的结合将使人们对细胞和整个生物体的功能有更深见解。

本书对生物微系统进行了简单的回顾,并把微纳米技术广泛渗透到生物和医学领域,这对未来科学和生命科学新产品的发展进程是十分必要的。

本书适于生命科学、系统生物学、生物工程学和微纳米系统工程等相关领域的大专院校教师、高年级学生、研究生及科技人员阅读参考。

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