

《计算机集成制造》

图书基本信息

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内容概要

理解一个全方位的CIM解决方案的运作，需要掌握传统制造实践的知识，洞察CIM的当前状态，考虑现在的技术和操作规程在将来会如何变化。整合产品设计技术和制造基本原则，并关注在整个企业中支持CIM的不断变化的运作和信息系统，会使计算机集成制造技术成为制造行业中独一无二的关键技术。

本教材专为技术人员和工程人员全面了解计算机集成制造技术而写，它具备以下特点：

描述了世界各地企业所采用的不同类型的制造系统或生产策略，并展示了如何运用技术来解决实际的工业问题。

讲述的内容超出了自动化机器和软件解决方案的描述范围，以便讨论成功实现一个CIM所必需的所有因素。

讨论CIM对一个企业的所有重要因素(产品设计、车间技术以及制造生产和操作控制系统)的影响。

提供了一个令人信服的论据，来说明实现CIM会使企业在全全球市场中更具有竞争力。

本书在旧版基础上经过彻底更新和扩展以包含最新的重要信息，同时本书还有另一个令人激动的新特点——一张包含WinMan软件的演示版本的光盘。这个有价值的工具会帮助读者理解一个现代的数据驱动的系统如何帮助公司更好地管理数据和运管。

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作者简介

James A. Rehg是宾夕法尼亚州立大学阿尔纳分校工程系的副教授，教授电子机械工程技术的自动化控制课程。他撰写了5本自动化和机器人技术方面的专著并发表了大量的专业论文。他因为在教学领域里的杰出成绩而多次获得嘉奖，并被社区大学评论员协会评为全国优秀导师。

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