

## <<自动控制原理与设计>>

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### 内容概要

本书是自动控制领域的名著，内容紧密围绕自动控制系统的分析与设计理论展开，主要介绍了自动控制的动态模型、动态响应、基本特性，着重介绍了自动控制的几种常规设计技术，还涉及了非线性系统的分析与设计，并穿插了许多自动控制在MATLAB下的仿真实例。

本书可作为高等院校自动控制及相关专业的高年级本科生和研究生的教材，还可供有关专业的教师、研究人员及从事自动控制相关工作的工程技术人员参考。

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### 作者简介

Gene F.Franklin , 斯坦福大学电气工程系教授 , 国际著名控制学家 , IEEE终身会士。  
他于1955年在哥伦比亚大学获得博士学位 , 曾任斯坦福大学电气工程系主任、 IEEE控制系统学会理事  
、副主席 , 其研究领域覆盖了控制的各个方面。  
2005年因其对多个控制领域的基础性贡献而荣获美国自动

## &lt;&lt;自动控制原理与设计&gt;&gt;

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