

<<现代航空发动机多变量控制系>>

图书基本信息

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内容概要

本书阐述现代航空发动机多变量控制系统设计方法及概念：航空发动机及其控制系统的发展趋势；航空发动机建模；各种航空发动机现代控制规律的设计；发动机容错控制系统设计以及飞行/推进综合控制系统设计。

本书可作为航空发动机控制和航空发动机总体专业工程技术人员的参考书，也可作为上述专业的研究生教材。

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编辑推荐

《Advanced Multivariable Control Systems of Aeroengines》由北京航空航天大学出版社出版，In this book the methodology and concept of designing multivariable control systems for aeroengines are presented which include: general development tendencies in aeroengines and aeroengine control systems; modeling of aeroengines; design of various control laws for aeroengines; design of fault tolerant control systems for aeroengines and design of integrated flight/propulsion control systems. This book is useful to practicing engineers and designers of aeroengine control systems and aeroengines as a reference book and as an updated to their engineering education. This book should prove useful also for PhD and MSc candidates of disciplines of aeroengine control systems and aeroengines for their graduate courses.

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