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# <<MATLAB编程>>

## 图书基本信息

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作者：查普曼

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## 内容概要

本书详细讲述了利用MATLAB解决典型技术问题的方法，包括自顶向下的程序设计方法、函数的使用、MATLAB内部工具的使用和数据结构、使用技巧和常见错误等。
作者将MATLAB作为一种科技程序设计语言进行介绍，帮助读者编写出简洁、高效、组织良好的程序；同时，帮助读者使用MATLAB的扩展在线帮助功能来找到所需的函数。
本书注重提高读者利用MATLAB解决实际问题的能力，为将来的学习与研究工作打下良好的基础。

本书可作为工科各专业本科生的教学用书，也可作为工程技术人员的参考书。

## 作者简介

作者：(美国)查普曼

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## 章节摘录

版权页：插图：SummaryIn Chapter 3 we have presented the basic types of M.AB branches and the relational and logic operations used to control them.The principal type of branch is the i f construct This construct iS very flexible.It Can have as many elseif clauses as needed to construct any desed test.Furthermore， i f constructs Can be nested to produce more complex tests.A second type of branch iS the swi t ch construct.It may be used to select among mutually exclusive alternatives specified by a control expression.A third type of branch is the try／catch construct.It is used to trap errors that might occur dung execution.Chapter 3 also provided additional information about plots.The axi s command alloWs a programmer to select the specific range ofx and Y data to be plotted.The hold command allows later plots to be plotted on tOp of earlier ones， SO that elements Can be added tO a graph a piece at a time.nle f igure command allows the programmer to create and select among multiple Figure Windows.SO that a program Can create multiple plots in separate windows.nle subplot command allows the programmer to create and select among multiple plots within a single Figure Window.

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