

<<神经计算原理>>

图书基本信息

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内容概要

本书是一部优秀的教材，着重讲述人工神经网络基本原理以及如何运用各种神经计算技术来解决科学和工程领域中的现实问题：模式识别、最优化、事件分类、非线性系统的控制和识别以及统计分析等。

算法——大多数训练算法都用上下框线框出，便于读者查找 MATLAB函数——一些训练算法有一个附带的MATLAB函数实现(在文中用黑体字显示)。

代码部分相对简短，仅用几分钟就可以输入MATLAB MATLAB Toolbox——书中大量使用MATLAB的Neural Network Toolbox来举例说明某些神经计算概念 网站——登录本书的网站<http://www.mhhe.com/engcs/electrical/ham>可获取最新、最全面的信息示例——在大多数章节中都给出了详尽的示例，阐释重要的神经计算概念 习题集——每章最后都给出大量应用神经计算技术的习题。

一些习题需要使用MATLAB和MATLAB的Neural Network Toolbox。

在某些情况下，还提供了MATLAB函数代码附录——附录A全面介绍了神经计算的数学基础。

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