

《人工智能（英文版）》

图书基本信息

书名：《人工智能（英文版）》

13位ISBN编号：9787111074380

10位ISBN编号：7111074386

出版时间：2003-12-1

出版社：机械工业出版社

作者：Nils J.Nilsson

页数：513

版权说明：本站所提供下载的PDF图书仅提供预览和简介以及在线试读，请支持正版图书。

更多资源请访问：www.tushu000.com

《人工智能（英文版）》

内容概要

本书介绍了人工智能领域中最重要的一個概念——智能代理。本书从最基本的反应式代理入手，逐步向人们展示了现代人工智能不断增强的认知能力，同时也例证了该领域中重要且经久不衰的思维、思想。神经网络、遗传程序设计、计算机视觉、探视搜索、知识表示和推理、贝叶斯网络、规划和语言理解等有关人工智能的重要内容都通过本书所描述的各种代理的不断增长的能力得以展现。本书作者是人工智能领域的主要开创者和重要带头人，正是他提供给了广大读者一个耳目一新和富有生机的合成技术，该技术将领导人类把整个人工智能领域的研究引向一个新的境界。 Nils J. Nilsson: Artificial Intelligence, A New Synthesis. Copyright © 1998 by Morgan Kaufmann Publishers, Inc. Harcourt Asia Pte Ltd under special arrangement with Morgan Kaufmann authorizes China Machine Press to print and exclusively distribute this edition, which is the only authorized complete and unabridged reproduction of the latest American Edition published and priced for sale in China only, not including Hong Kong SAR and Taiwan. Unauthorized export of this edition is a violation of the Copyright Act. Violation of this Law is subjected to Civil and Criminal penalties.

作者简介

About the author

Nils J. Nilsson's long and rich research career has contributed much to AI. His previous books, considered classics in the field, include *Learning Machines*, *Problem-Solving Methods in Artificial Intelligence*, *Logical Foundations of Artificial Intelligence*, and *Principles of Artificial Intelligence*. Dr. Nilsson is Kumagai Professor of Engineering, Emeritus, at Stanford University. He has served on the editorial boards of *Artificial Intelligence* and *Machine Learning* and as an area editor for the *Journal of the Association for Computing Machinery*. Former chairman of the Department of Computer Science at Stanford and Former Director of the SRI Artificial Intelligence Center, he is also a past president and fellow of the American Association for Artificial Intelligence.

书籍目录

- 1 Introduction
- I Reactive Machines
- 2 Stimulus-Response Agents
- 3 Neural Networks
- 4 Machine Evolution
- 5 State Machines
- 6 Robot Vision
- II Search in State Spaces
- 7 Agents That Plan
- 8 Uninformed Search
- 9 Heuristic Search
- 10 Planning, Acting, and Learning
- 11 Alternative Search Formulations and Applications
- 12 Adversarial Search
- III Knowledge Representation and Reasoning
- 13 The Propositional Calculus
- 14 Resolution in the Propositional Calculus
- 15 The Predicate Calculus
- 16 Resolution in the Predicate Calculus
- 17 Knowledge-Based Systems
- 18 Representing Commonsense Knowledge
- 19 Reasoning with Uncertain Information
- 20 Learning and Acting with Bayes Nets
- IV Planning Methods Based on Logic
- 21 The Situation Calculus
- 22 Planning
- V Communication and Integration
- 23 Multiple Agents
- 24 Communication among Agents
- 25 Agent Architectures

《人工智能（英文版）》

精彩短评

- 1、 没了
- 2、 这本书的内容比较好！看起来也不是很费力！主要是出来得比较早，很多东西都比较旧！人工智能中的新东西太多了！
- 3、 tough book...
- 4、 对人工智能没有爱
- 5、 文献综述类的书

《人工智能（英文版）》

版权说明

本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问：www.tushu000.com