

<<人工智能（英文版）>>

图书基本信息

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作者：Nils J.Nilsson

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## 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.

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