

<<Cognition and Multi->>

图书基本信息

书名：<<Cognition and Multi-Agent Interaction认知与多主体互动>>

13位ISBN编号：9780521839648

10位ISBN编号：0521839645

出版时间：2005-12

出版时间：Cambridge Univ Pr

作者：Ron Sun 编

页数：434

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：<http://www.tushu007.com>

## <<Cognition and Multi->>

### 内容概要

This book explores the intersection between cognitive sciences and social sciences.

In particular , it explores the intersection between individual cognitive modeling and modeling of multi-agent interaction ( social stimulation ) 。

The two contributing fields--individual cognitive modeling ( especially cognitive architectures ) and modeling of multi-agent interaction ( including social simulation and , to some extent , multi-agent systems ) --have seen phenomenal growth in recent years.

However , the interaction of these two fields has not been sufficiently developed.

We believe that the interaction of the two may be more significant than either alone.

This book explores the intersection between cognitive sciences and social sciences.

It explores the relation between the individual mind and the social processes through computational modeling and simulation of both.

The two sides bring with them enormous intellectual capitals.

These intellectual capitals can be profitably leveraged in creating true synergy between the two fields , leading to more in-depth studies and a better understanding of both individual cognition and sociocultural processes.

## 书籍目录

List of Contributors  
Preface  
PART1 INTRODUCTION Prolegomena to Integrating Cognitive Modeling and Social Simulation Ron Sun  
PART2 OVERVIEWS OF COGNITIVE ARCHITECTURES Modeling Paradigms in ACT-R Niels Taatgen Christian Lebiere John Anderson Considering Soar as an Agent Architecture Robert E. Wray Randolph M. Jones The CLARION Cognitive Architecture : Extending Cognitive Modeling to Social Simulation Ron Sun  
PART3 MODELING AND SIMULATING COGNITIVE AND SOCIAL PROCESSES Cognitive Architectures, Game Playing, and Human Evolution Robert L. West , Christian Lebiere , Dan J. Bothell Simulating a Simple Case of Organizational Decision Making Isaac Naveh Ron Sun Cognitive Modeling of Social Behaviors William J. Clancey , Maarten Sierhuis , Bruce Damer , Boris Brodsky Cognitive Agents Interacting in Real and Virtual Worlds Bradley J. Best , Christian Lebiere Modeling Social Emotions and Social Attributions Jonathan Gratch , Wenji Mao , Stacy Marsella Communicating and Collaborating with Robotic Agents J. Gregory Trafton , Alan C. Schultz , Nicholas L. Cassimatis , Laura M. Hiatt , Dennis Perzanowski , Derek P. Brock , Magdalena D. Bugajska , William Adams Behavior-Based Methods for Modeling and Structuring Control of Social Robots Dylan A. Shell , Maja J. Mataric Evolution of a Teamwork Model Nathan Schurr , Steven Okamoto , Rajiv T. Maheswaran , Paul Scerri , Milind Tambe Sociality in Embodied Neural Agents Domenico Parisi , Stefano Nolfi Cognitive Architecture and Contents for Social Structures and Interactions Cristiano Castelfranchi  
PART4 A SYMPOSIUM Cognitive Science and Good Social Science Scott Moss Collective Cognition and Emergence in Multi-Agent Systems Pietro Panzarasa , Nicholas R. Jennings Social Judgment in Multi-Agent Systems Tom R. Burns , Ewa Roszkowska Including Human Variability in a Cognitive Architecture to Improve Team Simulation Frank E. Ritter , Emma Norling When Does Social Simulation Need Cognitive Models ?  
Nigel Gilbert  
Index

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:<http://www.tushu007.com>