Information, Interaction and Agency

INFORMATION, INTERACTION, AND AGENCY

Wiebe van der Hoek

Kluwer Academic Publishers Boston/Dordrecht/London

WIEBE VAN DER HOEK

Department of Computer Science The University of Liverpool Liverpool, United Kingdom

Contents

FOREWORD Wiebe van der Hoek	vii
LOGICS FOR EPISTEMIC PROGRAMS Alexandru Baltag and Lawrence Moss	1
A COUNTEREXAMPLE TO SIX FUNDAMENTAL PRINCIPLES OF BELIEF REVISION Hans Rott	61
COMPARING SEMANTICS OF LOGICS FOR MULTI-AGENT SYSTEMS Valentin Goranko and Wojciech Jamroga	77
A CHARACTERIZATION OF VON NEUMANN GAMES IN TERMS OF MEMORY Giacomo Bonanno	117
AN EVOLUTIONARY GAME THEORETIC PERSPECTIVE ON LEARNING IN MULTI-AGENT SYSTEMS Karl Tuyls, Ann Nowe, Tom Lenaerts and Bernard Manderick	133
EVOLUTION OF CONVERSATIONAL MEANING AND CONVERSATIONAL PRINCIPLES Robert van Rooy	167

vi	INFORMATION, INTERACTION, AND AGE	NCY
	MONOTONIC INFERENCE AND NEURAL NETWORKS Reinhard Blutner	203
	A MODEL OF JURY DECISIONS WHERE ALL JURORS HAVE THE SAME EVIDENCE Franz Dietrich and Christian List	235
	A SAT -Based Approach to Unbounded Model Checking for Altnernating-Time Temporal Epistemic Logic M. Kacprzak and W. Penczek	263
	UPDATE SEMANTICS FOR SECURITY PROTOCOLS Arjen Hommerson, John-Jules Meyer and Erik de Vink	289
	Index	329