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| Note generali | "Award papers from the 19th annual conference of JSAI 2005 and the selected papers from the five co-located international workshops ... Logic and Engineering of Natural Language Semantics 2005 (LENLS 2005), Learning with Logics and Logics for Learning (LLLL 2005), Agent Network Dynamics and Intelligence (ANDI 2005), Conversational Informatics (CI 2005) and Risk Management Systems with Intelligent Data Analysis (RMSIDA 2005)"--Pref. |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Awarded Papers -- Overview of Awarded Papers: The 19th Annual Conference of JSAI -- On Constructing Clusters from Non-Euclidean Dissimilarity Matrix by Using Rough Clustering -- Towards Ontologies of Functionality and Semantic Annotation for Technical Knowledge Management -- Support for Content Creation Using Conversation Quanta -- Knowledge Level Design Support for Adaptive Learning |

Contents: Ontological Consideration of Knowledge Level Structure of SCORM2004 Contents -- A New Solution Concept for Coalitional Games in Open Anonymous Environments -- Logic and Engineering of Natural Language Semantics -- Overview of Logic and Engineering of Natural Language Semantics (LENLS) 2005 -- A Note on Kripke's Observation -- Focus, Presupposition, and Propositional Attitude -- Negative Polar Interrogatives and Bias -- Representing Information Structure in a Formal Grammar of Danish -- Processing of Information Structure and Floating Quantifiers in Japanese -- An Information-Structural Analysis of the Readings for Nominal-Predicate Sentences in Japanese -- Implicatures and Evidentiality of Because Complements at Syntax-Semantics-Pragmatics Interfaces -- Model Generation in a Dynamic Environment -- Modals and Anaphors in Korean -- On the Meaning of Japanese Yo -- A Dynamic Semantics of Modal Subordination -- Dynamic Discourse Semantics for Embedded Speech Acts -- Learning with Logics and Logics for Learning -- Workshop on Learning with Logics and Logics for Learning (LLLL) -- Efficient Database Analysis Using VSOP Calculator Based on Zero-Suppressed BDDs -- Enumerating Minimally Revised Specifications Using Dualization -- Acquiring Configuration Rules of Form Elements from "Historic" Architectural Facade Employing Inductive Logic Programming -- Learning Stochastic Logical Automaton -- On Generalization and Subsumption for Ordered Clauses -- Prediction of Recursive Real-Valued Functions from Finite Examples -- Agent Network Dynamics and Intelligence -- Agent Network Dynamics and Intelligence (ANDI 2005) -- A Counterexample for the Bullwhip Effect: Gaming and Multiagent Simulations -- Development of a Multi-Agent Based Generic Traffic Simulator -- Directed Network as a Chaotic Dynamical System -- Behavior of Growing Scale-Free Networks in Complex Systems -- Analysis of User's Relation and Reading Activity in Weblogs -- Grand Canonical Minority Games with Variable Strategy Spaces -- Evaluation of Using Human Relationships on the Web as Information Navigation Paths -- Network Topologies and Consumption Externalities -- Information Sharing for Smooth Traffic in Road Networks -- Analyzing Peer to Peer Communication Through Agent-Based Simulation -- Conversational Informatics -- to Conversational Informatics -- Probabilistic Inference of Gaze Patterns and Structure of Multiparty Conversations from Head Directions and Utterances -- Conversational Inverse Information for Context-Based Retrieval of Personal Experiences -- Detecting Microstructures of Conversations by Using Physical References: Case Study of Poster Presentations -- Detection of Assessment Patterns in Ordinary Triadic Conversation -- Automated Gesturing for Embodied Agents -- Leader Qualification in Managing Nonprofit Organization -- Risk Management Systems with Intelligent Data Analysis -- Risk Management Systems with Intelligent Data Analysis -- Overview -- Implementing an Integrated Time-Series Data Mining Environment Based on Temporal Pattern Extraction Methods: A Case Study of an Interferon Therapy Risk Mining for Chronic Hepatitis -- Mutagenicity Risk Analysis by Using Class Association Rules -- An Early Warning Support System for Food Safety Risks -- Exploration of Researchers' Social Network for Discovering Communities -- Opinion Mining as Extraction of Attribute-Value Relations.

Sommario/riassunto

Intelligent information technology has significantly progressed along with the rapid growth of computer communication networks in the last decade. The search in this domain became highly active under the worldwide growing environment providing the objective study issues. The research situation in Japan is no exception in this trend. An enormous number of studies in intelligent information technology are

presented every year in Japanese domestic conferences associated with this field. Many of them are outstanding in terms of the technical originality, quality and significance. The annual conference of JSAI (Japan Society for Artificial Intelligence) is one of the key and representative domestic meetings in the field of intelligent information technology. In particular, award papers in this conference have an excellent quality in international standards.

The annual conference of JSAI also organizes co-located international workshops to provide excellent study reports for worldwide researchers. The objectives of this book are to present the award papers from the 19th annual conference of JSAI 2005 and the selected papers from the five co-located international workshops and to promote the study exchange among worldwide researchers. Five papers received awards among more than 200 presentations in the conference, and 40 papers were selected from the workshops of Logic and Engineering of Natural Language Semantics 2005 (LENLS 2005), Learning with Logics and Logics for Learning (LLLL 2005), Agent Network Dynamics and Intelligence (ANDI 2005), Conversational Informatics (CI 2005) and Risk Management Systems with Intelligent Data Analysis (RMSIDA 2005).
