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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Papers -- Logic and Reasoning -- Knowledge-Based Systems, Knowledge Representation and Acquisition -- Ontologies -- Natural Language Processing -- Machine Learning -- Pattern Recognition -- Data Mining -- Neural Networks -- Genetic Algorithms -- Hybrid Intelligent Systems -- Computer Vision and Image Processing -- Robotics -- Planning and Scheduling -- Uncertainty and Probabilistic Reasoning -- Fuzzy Logic -- Intelligent Tutoring Systems -- Multi-agent Systems and Distributed AI -- Intelligent Organizations -- Bioinformatics and Medical Applications -- Applications.
Sommario/riassunto	This book constitutes the refereed proceedings of the 6th Mexican International Conference on Artificial Intelligence, MICAI 2008, held in Atizapán de Zaragoza, Mexico, in October 2008. The 96 revised full papers presented together with 2 invited lectures were carefully reviewed and selected from 363 submissions. The papers are organized in topical sections on logic and reasoning, knowledge-based systems, knowledge representation and acquisition, ontologies, natural language processing, machine learning, pattern recognition, data mining, neural networks, genetic algorithms, hybrid intelligent systems, computer vision and image processing, robotics, planning and scheduling, uncertainty and probabilistic reasoning, fuzzy logic, intelligent tutoring systems, multi-agent systems and distributed AI, intelligent

organizations, bioinformatics and medical applications, as well as applications.
