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Nota di contenuto	Enhancing Believability of Virtual Soccer Players: Application of a BDI-Model with Emotions and Trust -- An Agent-based Architecture for Multifaceted Online Dispute Resolution Tools -- Particle Swarm Optimization of a Recurrent Neural Network Control for an Underactuated Rotary Crane with Particle Filter Based State Estimation -- Extracting Connection Types in Process Models Discovered by Using From-to Chart based Approach -- Improving the Performance of Multi-start Search on the Traveling Salesman Problem -- A Constraint Programming Application for Rotating Workforce Scheduling -- Towards an Agent-Based Knowledge Management System -- A Neural Computation Model Based on nCRF and Reverse Control Mechanism.
Sommario/riassunto	The field of "Artificial Intelligence" developed important concepts for simulating human intelligence. Its sister field, "Applied Intelligence", has focused on techniques for developing intelligent systems for solving real life problems in all disciplines including science, social science, art, engineering, and finance. The objective of the International Conference on Industrial, Engineering & Other Applications of Applied Intelligent Systems (IEA-AIE) is to promote and disseminate research in Applied Intelligence. It seeks quality papers on a wide range of topics in applied intelligence that are employed in developing intelligent systems

for solving real life problems in all disciplines. Every year this conference brings together scientists, engineers and practitioners, who work on designing and developing applications that use intelligent techniques or work on intelligent techniques and apply them to application domains. The book is comprised of seventeen chapters providing up-to-date and state-of-the-art research on the applications of applied Intelligence techniques.
