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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1 – General Artificial Intelligence (GAIW 2005) -- Reducing Propositional Theories in Equilibrium Logic to Logic Programs -- Preference Revision Via Declarative Debugging -- Revised Stable Models – A Semantics for Logic Programs -- Operational Semantics for DyLPs -- Case Retrieval Nets for Heuristic Lexicalization in Natural Language Generation -- Partially Parametric SVM -- Adapting Hausdorff Metrics to Face Detection Systems: A Scale-Normalized Hausdorff Distance Approach -- Robust Real-Time Human Activity Recognition from Tracked Face Displacements -- 2 – Affective Computing (AC 2005) -- Adaptation and Decision-Making Driven by Emotional Memories -- Affective Revision -- Feeling and Reasoning: A

Computational Model for Emotional Characters -- 3 – Artificial Life and Evolutionary Algorithms (ALEA 2005) -- Evolutionary Computation Approaches for Shape Modelling and Fitting -- Reaction-Agents: First Mathematical Validation of a Multi-agent System for Dynamical Biochemical Kinetics -- A Hybrid Classification System for Cancer Diagnosis with Proteomic Bio-markers -- Intelligent Multiobjective Particle Swarm Optimization Based on AER Model -- A Quantum Inspired Evolutionary Framework for Multi-objective Optimization -- 4 – Building and Applying Ontologies for the Semantic Web (BAOSW 2005) -- A Database Trigger Strategy to Maintain Knowledge Bases Developed Via Data Migration -- The SWRC Ontology – Semantic Web for Research Communities -- 5 – Computational Methods in Bioinformatics (CMB 2005) -- Protein Sequence Classification Through Relevant Sequence Mining and Bayes Classifiers -- CONAN: An Integrative System for Biomedical Literature Mining -- A Quantum Evolutionary Algorithm for Effective Multiple Sequence Alignment -- Hierarchical Multi-classification with Predictive Clustering Trees in Functional Genomics -- 6 – Extracting Knowledge from Databases and Warehouses (EKDB&W 2005) -- Multi-output Nonparametric Regression -- Adapting Peepholing to Regression Trees -- An Extension of Self-organizing Maps to Categorical Data -- Programming Relational Databases for Itemset Mining over Large Transactional Tables -- Using a More Powerful Teacher to Reduce the Number of Queries of the L* Algorithm in Practical Applications -- User Group Profile Modeling Based on User Transactional Data for Personalized Systems -- Retail Clients Latent Segments -- Automatic Detection of Meddies Through Texture Analysis of Sea Surface Temperature Maps -- Monitoring the Quality of Metadata in Web Portals Using Statistics, Visualization and Data Mining -- A Real Time Data Extraction, Transformation and Loading Solution for Semi-structured Text Files -- 7 – Intelligent Robotics (IROBOT 2005) -- Visual Based Human Motion Analysis: Mapping Gestures Using a Puppet Model -- Acquiring Observation Models Through Reverse Plan Monitoring -- Applying Biological Paradigms to Emerge Behaviour in RoboCup Rescue Team -- Survival Kit: A Constraint-Based Behavioural Architecture for Robot Navigation -- Heuristic Algorithm for Robot Path Planning Based on a Growing Elastic Net -- Robust Artificial Landmark Recognition Using Polar Histograms -- An Architecture of Sensor Fusion for Spatial Location of Objects in Mobile Robotics -- CATRAPILAS – A Simple Robotic Platform -- 8 – Multi-agent Systems: Theory and Applications (MASTA 2005) -- A Model of Pedagogical Negotiation -- Towards a Market Mechanism for Airport Traffic Control -- Intentions and Strategies in Game-Like Scenarios -- Semantics and Pragmatics for Agent Communication -- Logical Implementation of Uncertain Agents -- Subgoal Semantics in Agent Programming -- The Multi-team Formation Precursor of Teamwork -- Seeking Multiobjective Optimization in Uncertain, Dynamic Games -- Learning to Select Negotiation Strategies in Multi-agent Meeting Scheduling -- 9 – Text Mining and Applications (TEMA 2005) -- An Approach to Acquire Word Translations from Non-parallel Texts -- Experiments on Statistical and Pattern-Based Biographical Summarization -- Constrained Atomic Term: Widening the Reach of Rule Templates in Transformation Based Learning -- Improving Passage Retrieval in Question Answering Using NLP -- Mining the Semantics of Text Via Counter-Training -- Minimum Redundancy Cut in Ontologies for Semantic Indexing -- Unsupervised Learning of Multiword Units from Part-of-Speech Tagged Corpora: Does Quantity Mean Quality? -- Lappin and Leass' Algorithm for Pronoun Resolution in Portuguese -- STEMBR: A Stemming Algorithm for the Brazilian Portuguese Language.
