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Aim and Scope

Our Journal provides a chance for academic and industry professionals to discuss recent progress in the area of artificial intelligence and applications for smart devices.

To bridge the gap of users who do not have access to major databases where one should pay for every downloaded article; this online publication platform is open to all readers as part of our commitment to global scientific society.

Journal Topics

The main topics include but will not be limited to: (Excellent surveying works, summary or introduction of new or fresh idea in these areas are welcome, too).

- AI and evolutionary algorithms
- Algebraic Biology
- Ant colony optimization
- Applications in Bioinformatics
- Approximate Reasoning
- Architectures of intelligent systems
- Aspects of knowledge structures
- Aspects of natural language processing
- Aspects of text technology

- Automated problem solving
- Bayesian methods
- Bioinformatics and computational biology
- Biological network analysis
- Biostatistics
- Brain models / cognitive science
- Combining multiple knowledge sources in an integrated intelligent system
- Computational Science
- Constraint-based reasoning and constraint programming
- Cross-Entropy method
- Data Mining
- Decision support systems
- Distributed AI algorithms and techniques
- Emerging technologies
- Evaluation of AI tools
- Evolutionary Computation
- Expert systems
- Fuzzy logic, modeling, control and soft computing
- Gaussian graphical models
- General issues in graph and tree mining
- Grammatical inference
- Granular Computing
- Graph learning based on graph grammars
- Heuristic optimization techniques
- Hierarchical learning models
- High-throughput data analysis
- Hybrid Intelligent Systems
- Image processing and understanding (interpretation)
- Inductive learning and applications
- Information-theoretical approaches to graphs
- Integration of AI with other technologies
- Intelligent agents
- Intelligent databases
- Intelligent information fusion
- Knowledge acquisition and discovery techniques
- Knowledge networks and management
- Knowledge-intensive problem solving techniques
- Languages and programming techniques for AI
- Learning and adaptive sensor fusion
- Machine learning
- Markov chain Monte Carlo (MCMC) methods
- Meta learning
- Motif search
- Multi-criteria reinforcement learning
- Multiple hypothesis testing
- Multisensor data fusion using neural and fuzzy techniques

- Natural language processing
- Nature Inspired Methods
- Neural networks and applications
- Non-parametric methods
- Particle filter
- Real-world applications of Intelligent Systems
- Reasoning strategies
- Reinforcement learning
- Robotics
- Search and meta-heuristics
- Simulated annealing
- Social intelligence (markets and computational societies)
- Statistical learning theory
- Stochastic optimization
- Supervised and unsupervised classification of web data
- Time series prediction
- Topics on satisfiability
- Unsupervised and Supervised Learning
- Web Mining

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