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Nota di contenuto	Research and Development in Intelligent Systems XXX Best Technical Paper -- Pattern Graphs: Combining Multivariate Time Series and Labelled Interval Sequences for Classification -- Knowledge Discovery and Data Mining I -- Vertex Unique Labelled Subgraph Mining -- Hierarchical Single Label Classification: An Alternative Approach -- Classification based on Homogeneous Logical Proportions -- Knowledge Discovery and Data Mining II -- Predicting Occupant Locations Using Association Rule Mining -- Contextual Sentiment Analysis in Social Media Using High-Coverage Lexicon -- Profiling Spatial Collectives -- Sentiment Classification using Supervised Sub-Spacing -- Intelligent Agents -- On Applying Adaptive Data Structures to Multi-Player Game Playing -- Anytime Contract Search --

Diagnosing Dependent Action Delays in Temporal Multiagent Plans --
 Representation and Reasoning -- Conditional Preference-nets,
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 Formulating the Temporal Causal Relationships between Events and
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 Wind Power Forecasting and Ramp Detection -- Automated River
 Segmentation using Simulated Annealing -- Short Papers -- A
 Multiagent Based Framework for the Simulation of Mammalian
 Behaviour -- Parameter Estimation of Nonlinear Systems Using Lévy
 Flight Cuckoo Search.

Sommario/riassunto

The papers in this volume are the refereed papers presented at AI-
 2013, the Thirty-third SGAI International Conference on Innovative
 Techniques and Applications of Artificial Intelligence, held in
 Cambridge in December 2013 in both the technical and the application
 streams. They present new and innovative developments and
 applications, divided into technical stream sections on Knowledge
 Discovery and Data Mining I, Knowledge Discovery and Data Mining II,
 Intelligent Agents, Representation and Reasoning, and Machine
 Learning and Constraint Programming, followed by application stream
 sections on Medical Applications, Applications in Education and
 Information Science, and AI Applications. The volume also includes the
 text of short papers presented as posters at the conference. This is the
 thirtieth volume in the Research and Development in Intelligent
 Systems series, which also incorporates the twenty-first volume in the
 Applications and Innovations in Intelligent Systems series. These series
 are essential reading for those who wish to keep up to date with
 developments in this important field.