

Research And Development In Intelligent Systems Xxvii

[DOWNLOAD HERE](#)

1;ACKNOWLEDGEMENT;6 2;CONTENTS;11 3;Research and Development inIntelligent Systems XXVII;16 3.1;BEST TECHNICAL PAPER;17 3.1.1;Effective Product Recommendation Using theReal-TimeWeb;18 3.1.1.1;Abstract;18 3.1.1.2;1 Introduction;18 3.1.1.3;2 Related Work;20 3.1.1.4;3 The Blippr Service;21 3.1.1.5;4 Product Recommendation using RTW Data;22 3.1.1.5.1;4.1 Index Creation;23 3.1.1.5.2;4.2 Recommending Products;24 3.1.1.6;5 Evaluation;24 3.1.1.6.1;5.1 Datasets;25 3.1.1.6.2;5.2 Metrics;26 3.1.1.6.3;5.3 Recommendation Results;26 3.1.1.7;6 Conclusions;29 3.1.1.8;References;30 3.2;INTELLIGENT AGENTS;32 3.2.1;Agent Argumentation with Opinions and Advice;33 3.2.1.1;Abstract;33 3.2.1.2;1 Introduction;33 3.2.1.3;2 Opinions and Advice;34 3.2.1.4;3 Relationships;36 3.2.1.5;4 The Relationship Model;38 3.2.1.5.1;4.1 The Intimacy Model::40 3.2.1.5.2;4.2 The Reliability Model::42 3.2.1.6;5 Trust and Integrity;43 3.2.1.7;6 Relationship-aware Argumentation Strategies;44 3.2.1.8;7 Discussion;45 3.2.1.9;References;46 3.2.2;Graph-Based Norm Explanation;47 3.2.2.1;Abstract;47 3.2.2.2;1 Introduction;48 3.2.2.3;2 Background;49 3.2.2.3.1;2.1 The Normative Model;49 3.2.2.3.2;2.2 Conceptual Graphs;52 3.2.2.4;3 Graphically Computing the Status of Norms;54 3.2.2.4.1;3.1 Modelling Norms with CGs;54 3.2.2.4.2;3.2 Instantiating Norms;57 3.2.2.4.3;3.3 Computing the Status of Norms;57 3.2.2.5;4 Discussion;58 3.2.2.6;References;60 3.2.3;Modelling Social Structures and Hierarchies inLanguage Evolution;61 3.2.3.1;Abstract;61 3.2.3.2;1 Introduction;61 3.2.3.3;2 Modelling Approach;62 3.2.3.4;3 Model Implementation;64 3.2.3.5;4 Experiment Design;66 3.2.3.6;5 Results and Discussion;68 3.2.3.7;6 Conclusions;72 3.2.3.8;References;73 3.3;KNOWLEDGE DISCOVERY AND DATA MINING;75 3.3.1;On the Usefulness ofWeight-Based Constraints in Frequent Subgraph Mining;76 3.3.1.1;Abstract;76 3.3.1.2;1 Introduction;76 3.3.1.3;2 Preliminaries;78 3.3.1.4;3 Weight-Based Constraints;80 3.3.1.5;4 Weight-Based Mining;81 3.3.1.6;5 Weighted Graph Mining Applied;83 3.3.1.7;6 Experimental Evaluation;84 3.3.1.8;7 Related Work;87 3.3.1.9;8 Conclusions;88 3.3.1.10;References;89 3.3.2;Induction of Modular Classification Rules:Using Jmax-pruning;90 3.3.2.1;Abstract;90 3.3.2.2;1 Introduction;90 3.3.2.3;2 The Prism Family of Algorithms;91 3.3.2.3.1;2.1 Dealing with Clashes;93 3.3.2.3.2;2.2 Dealing with Continuous Attributes;93 3.3.2.3.3;2.3 J-pruning;94 3.3.2.4;3 Variation of

J-pruning;95 3.3.2.4.1;3.1 Critique of J-pruning;95 3.3.2.4.2;3.2 Jmax-pruning;95 3.3.2.5;4 Evaluation of Jmax-pruning;97 3.3.2.6;5 Ongoing Work;99 3.3.2.6.1;5.1 J-PrismTCS;99 3.3.2.6.2;5.2 Jmax-Pruning for TDIDT;99 3.3.2.7;6 Conclusions;102 3.3.2.8;References;102 3.3.3;A Kolmogorov Complexity View of Analogy:From Logical Modeling to Experimentations;104 3.3.3.1;Abstract;104 3.3.3.2;1 Introduction;104 3.3.3.3;2 Analogical proportions: a logical view;106 3.3.3.3.1;2.1 Brief analysis;106 3.3.3.3.2;2.2 Formal setting;107 3.3.3.3.3;2.3 Boolean interpretation;108 3.3.3.3.4;2.4 Formal frameworks to cope with natural language analogies;109 3.3.3.4;3 Analogies in natural language: an information-theoretic view;110 3.3.3.4.1;3.1 Kolmogorov theory: a brief overview;110 3.3.3.5;4 Kolmogorov model for analogy in natural language;111 3.3.3.6;5 Experimentations;112 3.3.3.6.1;5.1 Probability distribution generator;112 3.3.3.6.2;5.2 Results;113 3.3.3.6.3;5.3 A new option;114 3.3.3.7;6 Related works;115 3.3.3.8;7 Conclusion;116 3.3.3.9;References;117 3.3.4;Evolving Temporal Association Rules with Genetic Algorithms;118 3.3.4.1;Abstract;118 3.3.4.2;1 Introduction;118 3.3.4.3;2 Related Work;119 3.3.4.3.1;2.1 Temporal Association Rule Mining;119 3.3.4.3.2;2.2 Association Rule Mining with Evolutionary Computation;121 3.3.4.4;3 Evolving Temporal Association Rules;122 3.3.4.5;4 Evaluation;125 3.3.4.5.1;4.1 Methodology and Datasets;126 3.3.4.5.2;4.2 Results EAN/ISBN : 9780857291301
Publisher(s): Springer, Berlin, Springer, London Format: ePub/PDF Author(s): Bramer, Max - Petridis, Miltos - Hopgood, Adrian

[DOWNLOAD HERE](#)

Similar manuals: