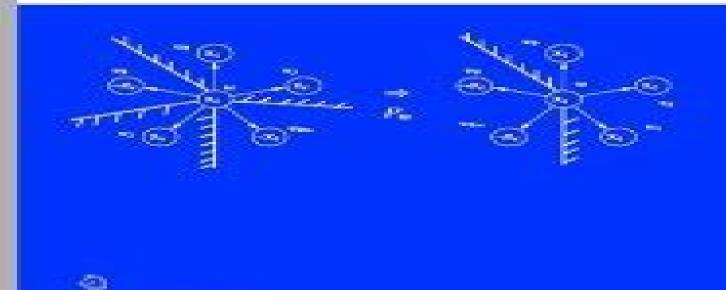
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LNAI 2293

Qualitative Spatial Reasoning with Topological Information



Qualitative Spatial Reasoning With Topological Information

Yaxin Bi, Mary Anne Williams

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together a range of specialists from fields such as linguistics computer science land surveying cartography and soil science examines current research into the challenges of dealing with geographical phenomena that cannot easily be forced into one of the two current standard data models **Principles and Practice of Constraint Programming - CP98** Michael Maher, Jean-Francois Puget, 2003-05-20 Constraints have emerged as the basis of a representational and computational paradigm that draws from many disciplines and can be brought to bear on many problem domains This volume contains papers dealing with all aspects of c puting with constraints In particular there are several papers on applications of constraints rejecting the practical usefulness of constraint programming The papers were presented at the 1998 International Conference on Principles and Practice of Constraint Programming CP 98 held in Pisa Italy 26 30 tober 1998 It is the fourth in this series of conferences following conferences in Cassis France Cambridge USA and Schloss Hagenberg Austria We received 115 high quality submissions In addition 7 abstracts submissions were not followed by a full paper hence were not counted as submissions. The program committee selected 29 high quality papers after thorough refereeing by at least 3 experts and further discussion by committee members We thank the referees and the program committee for the time and e ort spent in reviewing the papers The program committee invited three speakers Joxan Ja ar Peter Jeavons Patrick Prosser Their papers are in this volume Behaviour Monitoring and Interpretation - BMI Björn Gottfried, Hamid K. Aghajan, 2009 Focuses on behaviour monitoring and interpretation with regard to two main areas of focus investigation of motion patterns and ambient assisted living This book presents contributions on research in both these areas It includes chapters discussing developments in monitoring and representing behaviours with a focus on movement based behaviour

AI 2023: Advances in Artificial Intelligence Tongliang Liu, Geoff Webb, Lin Yue, Dadong Wang, 2023-11-26 This two volume set LNAI 14471 14472 constitutes the refereed proceedings of the 36th Australasian Joint Conference on Artificial Intelligence AI 2023 held in Brisbane QLD Australia during November 28 December 1 2023 The 23 full papers presented together with 59 short papers were carefully reviewed and selected from 213 submissions They are organized in the following topics computer vision deep learning machine learning and data mining optimization medical AI knowledge representation and NLP explainable AI reinforcement learning and genetic algorithm KI-97: Advances in Artificial Intelligence Gerhard Brewka, 1997-08-27 This book constitutes the refereed proceedings of the 21st Annual German Conference on Artificial Intelligence KI 97 held in Freiburg Germany in September 1997 The volume presents revised versions of 26 full papers and 10 posters selected from around 70 submissions from more than 15 countries Also included are three excellent invited contributions by Anthony G Cohn Kurt Konolige and Pat Langley The papers are organized in topical sections on theorem proving nonclassical logics knowledge representation spatial reasoning computational linguistics computer perception and neural nets and on planning diagnosis and search Geographic Information Systems in Business James B. Pick, 2005-01-01 This book contains state of the art research studies on the concepts theory processes and real

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