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Title:Semantics for Active Integrity Constraints Using Approximation Fixpoint Theory

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Authors:Bart Bogaerts, Luis Cruz-Filipe

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Title:Fast Feature Matching by Preserving Local Neighborhood Structure

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Authors:Jiayi Ma, Ji Zhao, Hanqi Guo, Junjun Jiang, Huabing Zhou, Yuan Gao

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Title:Safe Inductions: An Algebraic Study

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Authors:Bart Bogaerts, Joost Vennekens, Marc Denecker

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Title:Exploiting Music Play Sequence for Music Recommendation

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Authors:Zhiyong Cheng, Jialie Shen, Lei Zhu, Mohan Kankanhalli, Liqiang Nie

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Title:Dynamic Multi-View Hashing for Online Image Retrieval

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Authors:Liang Xie, Jialie Shen, Jungong Han, Lei Zhu, Ling Shao

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Title:Acceptability Semantics for Weighted Argumentation Frameworks

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Authors:Leila AMGOUD, Jonathan Ben-Naim, Srdjan Vesic, Dragan Doder

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Title:Modelling the Working Week for Multi-Step Forecasting using Gaussian Process Regression

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Authors:Pasan Karunaratne, Masud Moshtaghi, Shanika Karunasekera, Aaron Harwood, Trevor Cohn

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Title:Locality Adaptive Discriminant Analysis

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Authors:Qi Wang, Mulin Chen, Feiping Nie, Xuelong Li

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Title:Learning to Explain Entity Relationships with Pairwise Deep Ranking

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Authors:Jizhou Huang, Wei Zhang, Shiqi Zhao, Shiqiang Ding, Haifeng Wang

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Title:Role Forgetting for ALCOQH(top role)-Ontologies Using an Ackermann Approach

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Authors:Yizheng Zhao, Renate Schmidt

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Authors:Jeremy Kong, Alessio Lomuscio

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Title:Interactive Image Segmentation via Pairwise Likelihood Learning

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Authors:Tao Wang, Quansen Sun, Qi Ge, Zexuan Ji, Qiang Chen, Guiyu Xia

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Title:Multi-lingual Knowledge Graph Embeddings for Cross-lingual Knowledge Alignment

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Authors:Muhao Chen, Yingtao Tian, Mohan Yang, Carlo Zaniolo

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Authors:Luo Ping

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Title:Angle Principal Component Analysis

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Authors:Qianqian Wang, Quanxue Gao, Xinbo Gao, Feiping Nie

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Title:Semi-supervised Feature Selection via Rescaled Linear Regression

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Authors:Xiaojun Chen, Feiping Nie, Guowen Yuan, Joshua Huang

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Title:Tensor Completion with Side Information: A Riemannian Manifold Approach

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Authors:Zhou Tengfei, Hui Qian, Zebang Shen, Chao Zhang, Congfu Xu

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Title:Strong Inconsistency in Nonmonotonic Reasoning

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Authors:Gerhard Brewka, Matthias Thimm, Markus Ulbricht

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Authors:Iku Ohama, Takuya Kida, Hiroki Arimura

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Track:Main track

Authors:Meng Liu, Chang Xu, Chao Xu, Dacheng Tao

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Title:Video Question Answering via Hierarchical Spatio-Temporal Attention Networks

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Authors:zhou zhao, Qifan Yang, Deng Cai, Xiaofei He, Yueting Zhuang

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Title:Microblog Sentiment Classification via Recurrent Random Walk Network Learning

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Title:Fast Preprocessing for Robust Exemplar-Based Face Sketch Synthesis

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Title:Radar: Residual Analysis for Anomaly Detection in Attributed Networks

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Title:Real-Time Solution of Navigation Tasks in Infinite Mario via Skill Reuse

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Authors:Mehdi Sadeqi, Howard Hamilton

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Authors:Xin Zhao, Guiguang Ding, Yuchen Guo, Jungong Han, Yue Gao

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Authors:Leila AMGOUD, Jonathan Ben-Naim, Srdjan Vesic

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Title:Explicit Knowledge-based Reasoning for Visual Question Answering

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Authors:Kijung Shin, Euiwoong Lee, Dhivya Eswaran, Ariel Procaccia

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Title:Top-k Supervise Feature Selection via ADMM for Integer Programming

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Authors:Mingyu Fan, XIAOJUN CHANG, Xiaoqin Zhang, Di Wang, Liang Du

PaperID:1276

Title:Adaptive Semi-Supervised Learning with Discriminative Least Squares Regression

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Authors:MINNAN LUO, LINGLING ZHANG, Feiping Nie, XIAOJUN CHANG, BUYUE QIAN, Qinghua Zheng

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Title:Budget-Constrained Dynamics in Multiagent Systems

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Title:From Ensemble Clustering to Multi-View Clustering

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Authors:Levi Lelis

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Title:MAT: A Multimodal Attentive Translator for Image Captioning

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Title:Positive unlabeled learning via wrapper-based adaptive sampling

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Title:Locality Preserving Projections for Grassmann manifold

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Title:Vertex-Weighted Hypergraph Learning for Multi-View Object Classification

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Title:Weighted Model Integration via Orthogonal Transformations

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Authors:Mithun Chakraborty, Kai Yee Phoebe Chua, Sanmay Das, Brendan Juba

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Authors:Yali Du, Chang Xu, Dacheng Tao

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Title:A Reduction based Method for Coloring Very Large Graphs

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Authors:Guangyao Shen, Jia Jia, Liqiang Nie, Fuli Feng, Cunjun Zhang, Tianrui Hu, Tatseng Chua, Wenwu Zhu

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Authors:Atsutoshi Kumagai, Tomoharu Iwata

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Authors:Zhengyan Ma, Yuchun Fang, Zhaoxiang Zhang, Xuyao Zhang, Xiang Bai

PaperID:3958

Title:Softpressure: A Schedule-Driven Backpressure Algorithm for Coping with Network Congestion

Track:Main track

Authors:Hsu-Chieh Hu, Stephen F. Smith

PaperID:3962

Title:Open Category Classification by Adversarial Sample Generation

Track:Main track

Authors:Wei-Yang Qu, Yang Yu, Nan Li, Zimin Guo

PaperID:3963

Title:Object Recognition with and without Objects

Track:Main track

Authors:Zhuotun Zhu, Lingxi Xie, Alan Yuille

PaperID:3966

Title:Learning from Demonstrations with High-Level Side Information

Track:Main track

Authors:Min Wen, Ivan Papusha, Ufuk Topcu

PaperID:3967

Title:Exploring Personalized Neural Conversational Models

Track:Main track

Authors:Satwik Kottur, Vitor Carvalho, Xiaoyu Wang

PaperID:4013

Title:Efficiency Through Procrastination: Approximately Optimal Algorithm Configuration with Runtime Guarantees

Track:Main track

Authors:Kevin Leyton-Brown, Robert Kleinberg, Brendan Lucier

PaperID:4014

Title:Regional Concept Drift Detection and Density Synchronized Drift Adaptation

Track:Main track

Authors:Anjin Liu, Ylliao Song, Guangquan Zhang, Jie Lu

PaperID:4018

Title:Unified Single-Image 3D Scene Parsing Using Geometric Commonsense

Track:Main track

Authors:Chengcheng Yu, Xiaobai Liu, Song-Chun Zhu

PaperID:4019

Title:Sequential Prediction of Social Media Popularity with Deep Temporal Context

Networks

Track:Main track

Authors:Bo Wu, Wen-Huang Cheng, Yongdong Zhang, Qiushi Huang, Jintao Li, Tao Mei

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Title:Optimal Feature Selection for Decision Robustness in Bayesian Networks

Track:Main track

Authors:YooJung Choi, Adnan Darwiche, Guy Van den Broeck

PaperID:4054

Title:Lexical Sememe Prediction via Word Embeddings and Matrix Factorization

Track:Main track

Authors:Xingchi Yuan, Ruobing Xie, Zhiyuan Liu, Maosong Sun

PaperID:4081

Title:A Reasoning System for a First-Order Logic of Limited Belief

Track:Main track

Authors:Christoph Schwering

PaperID:4084

Title:An Attention-based Regression Model for Grounding Textual Phrases in Images

Track:Main track

Authors:Ko Endo, Masaki Aono, Eric Nichols, Kotarou Funakoshi

PaperID:4107

Title:Bounded Timed Propositional Temporal Logic with Past Captures Timeline-based Planning with Bounded Constraints

Track:Main track

Authors:Nicola Gigante, Dario Della Monica, Angelo Montanari, Pietro Sala, Guido Sciavicco

PaperID:4108

Title:Efficient Weighted Model Integration via SMT-Based Predicate Abstraction

Track:Main track

Authors:Paolo Morettin, Andrea Passerini, Roberto Sebastiani

PaperID:4109

Title:Mapping Repair in Ontology-based Data Access Evolving Systems

Track:Main track

Authors:Domenico Lembo, Riccardo Rosati, Domenico Fabio Savo, Valerio Santarelli, Evgenij Thorstensen

PaperID:4125

Title:Most Probable Explanations for Probabilistic Database Queries

Track:Main track

Authors:İsmail İlkan Ceylan, Stefan Borgwardt, Thomas Lukasiewicz

PaperID:4132

Title:On Subset Selection with General Cost Constraints

Track:Main track

Authors:Chao Qian, Jing-Cheng Shi, Yang Yu, Ke Tang

PaperID:4136

Title:Bridging the Gap between Observation and Decision Making: Goal Recognition and Flexible Resource Allocation in Dynamic Network Interdiction

Track:Main track

Authors:Kai Xu, Kaiming Xiao, Qianjun Yin, Yabing Zha, Cheng Zhu

PaperID:4141

Title:Inferring non-stated event locations from context using distributional similarities

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Authors:Jin-Woo Chung, Wonsuk Yang, Jinseon You, Jong Park

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Title:Process Plan Controllers for Non-Deterministic Manufacturing Systems

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Authors:Paolo Felli, Lavindra de Silva, Brian Logan, Svetan Ratchev

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Title:Game Engine Learning from Video

Track:Main track

Authors:Matthew Guzdial, Boyang Li, Mark Riedl

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Title:Constrained Bayesian Reinforcement Learning via Approximate Linear Programming

Track:Main track

Authors:Jongmin Lee, Youngsoo Jang, Pascal Poupart, Kee-Eung Kim

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Title:Determining Reasons in Comments

Track:Main track

Authors:Isaac Persing, Vincent Ng

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Title:General Reinforcement Learning Algorithms: Survey and Experiments

Track:Main track

Authors:John Aslanides, Jan Leike, Marcus Hutter

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Title:Count-Based Exploration in Feature Space for Reinforcement Learning

Track:Main track

Authors:Jarryd Martin, Suraj Narayanan S., Tom Everitt, Marcus Hutter

PaperID:4190

Title:Personnel Scheduling as Satisfiability Modulo Theories

Track:Main track

Authors:Christoph Erking, Nysret Musliu

PaperID:1923

Title:When will negotiation agents be able to represent us? The challenges and opportunities for autonomous negotiators

Track:AI and autonomy track

Authors:Tim Baarslag, Michael Kaisers, Enrico Gerding, Catholijn Jonker, Jonathan Gratch

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Title:Context-Based Reasoning on Privacy in Internet of Things

Track:AI and autonomy track

Authors:Nadin Kokciyan, Pinar Yolum

PaperID:2518

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Authors:Kyle Wray, Stefan Witwicki, Shlomo Zilberstein

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Authors:Tom Everitt, Victoria Krakovna, Laurent Orseau, Shane Legg

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Title:Achieving Coordination in Multi-Agent Systems by Stable Local Conventions under Community Networks

Track:AI and autonomy track

Authors:Shuyue Hu, Ho-fung Leung

PaperID:3510

Title:Privacy and Autonomous Systems

Track:AI and autonomy track

Authors:Jose Such

PaperID:3518

Title:Safety, Interpretability and Compliance for Autonomous Vehicles with Bayesian Deep Learning

Track:AI and autonomy track

Authors:Rowan McAllister, Yarin Gal, Alex Kendall, Mark van der Wilk, Amar Shah, Roberto Cipolla, Adrian Weller

PaperID:3841

Title:On Automating the Doctrine of Double Effect

Track:AI and autonomy track

Authors:Naveen Sundar Govindarajulu, Selmer Bringsjord

PaperID:3889

Title:Algorithmic Bias in Autonomous Systems

Track:AI and autonomy track

Authors:David Danks, Alex John London

PaperID:4197

Title:Responsible Autonomy

Track:AI and autonomy track

Authors:Virginia Dignum

PaperID:4204

Title:Should Robots be Obedient?

Track:AI and autonomy track

Authors:Smitha Milli, Dylan Hadfield-Menell, Anca Dragan, Stuart Russell

PaperID:3232

Title:The minds of many: opponent modeling in a stochastic game

Track:Main track

Authors:Friedrich Burkhard von der Osten, Michael Kirley, Tim Miller