Formalization of the Resolution Calculus for First-Order Logic
Schlichtkrull, A. 20 Jan 2018 In : Journal of Automated Reasoning. 61, 1–4, p. 455–484
Publication: Research - peer-review › Journal article – Annual report year: 2018

A Dynamic Logic for Learning Theory
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

Agent Programming Languages and Logics in Agent-Based Simulation
Publication: Research - peer-review › Book chapter – Annual report year: 2018

A Hamiltonian cycle in the square of a 2-connected graph in linear time
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

Compressed and Practical Data Structures for Strings
Publication: Research › Ph.D. thesis – Annual report year: 2018

Density of Real Zeros of the Tutte Polynomial
Publication: Research - peer-review › Journal article – Annual report year: 2018

Drawing Trees
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

Dynamic bridge-finding in $o(\log^2 n)$ amortized time
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

Engineering a Multi-Agent System in Jason and CArtAgO
Publication: Research - peer-review › Journal article – Annual report year: 2018

Formalization of Bachmair and Ganzinger's Ordered Resolution Prover
Publication: Research - peer-review › Journal article – Annual report year: 2018
In-place sparse suffix sorting
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

Leading the Teacher Team - Balancing Between Formal and Informal Power in Program Leadership
Publication: Research - peer-review › Journal article – Annual report year: 2018

Multi-Agent Programming Contest 2016 – The Python-DTU Team
Villadsen, J., Halkjær From, A., Jacobi, S. & Larsen, N. N. 2018 In : International Journal of Agent-Oriented Software Engineering. 6, 1, p. 86-100
Publication: Research - peer-review › Journal article – Annual report year: 2018

Natural Deduction and the Isabelle Proof Assistant
Publication: Research - peer-review › Journal article – Annual report year: 2018

Optimal time-text indexing in BWT-runs bounded space
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

On the Approximation Ratio of Lempel-Ziv Parsing
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

Teaching First-Order Logic with the Natural Deduction Assistant (NaDeA)
Halkjær From, A., Hatteland, H. & Villadsen, J. 2018
Publication: Research - peer-review › Paper – Annual report year: 2018
The bane of low-dimensionality clustering
Publications: Research - peer-review › Article in proceedings – Annual report year: 2018

The flow index and strongly connected orientations
Publications: Research - peer-review › Journal article – Annual report year: 2018

The Impact of Parametrization on Randomized Search Heuristics
Publications: Research › Ph.D. thesis – Annual report year: 2018

Three Categories of Context-Aware Systems
Publications: Research - peer-review › Article in proceedings – Annual report year: 2018

Dynamic Relative Compression, Dynamic Partial Sums, and Substring Concatenation
Publications: Research - peer-review › Journal article – Annual report year: 2017

Contracting a planar graph efficiently
Publications: Research - peer-review › Article in proceedings – Annual report year: 2017

Best laid plans of lions and men
Publications: Research - peer-review › Article in proceedings – Annual report year: 2017

Fingerprints in compressed strings
Publications: Research - peer-review › Journal article – Annual report year: 2017

Subsequence automata with default transitions
Publications: Research - peer-review › Journal article – Annual report year: 2017

A Cycle of Maximum Order in a Graph of High Minimum Degree has a Chord
Harvey, D. J. 2017 In : The Electronic Journal of Combinatorics. 24, 4, 8 p., P4.33
Publications: Research - peer-review › Journal article – Annual report year: 2017

A Framework for Organization-Aware Agents
Publications: Research - peer-review › Journal article – Annual report year: 2016
Cooperative epistemic multi-agent planning for implicit coordination
Publication: Research - peer-review › Conference article – Annual report year: 2017

Cycles through all finite vertex sets in infinite graphs
Publication: Research - peer-review › Journal article – Annual report year: 2017

Density of Real Zeros of the Tutte Polynomial
Publication: Research - peer-review › Journal article – Annual report year: 2017

Deterministic indexing for packed strings
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Epistemic Planning: (Dagstuhl Seminar 17231)
Publication: Research - peer-review › Report – Annual report year: 2017

Evidence logics with relational evidence
Baltag, A. & Occhipinti, A. 2017 In : Lecture Notes in Computer Science. 10445, p. 17-32
Publication: Research - peer-review › Conference article – Annual report year: 2017

Fast Dynamic Arrays
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

First-Order Logic According to Harrison
Publication: Research - peer-review › Journal article – Annual report year: 2017

Flexible indexing of repetitive collections
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Formalization of Many-Valued Logics
Publication: Research - peer-review › Book chapter – Annual report year: 2017

Formalizing a Paraconsistent Logic in the Isabelle Proof Assistant
Villadsen, J. & Schlichtkrull, A. 2017 In : LNCS Transactions on Large-Scale Data- and Knowledge-Centered Systems. 34 , p. 92-122
Publication: Research - peer-review › Journal article – Annual report year: 2017
From LZ77 to the run-length encoded burrows-wheeler transform, and back
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Graphs with No Induced Five-Vertex Path or Antipath
Publication: Research - peer-review › Journal article – Annual report year: 2016

Immersive Algorithms: Better Visualization with Less Information
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Learning to Act: Qualitative Learning of Deterministic Action Models
Bolander, T. & Gierasimczuk, N. 2017 In : Journal of Logic and Computation. 28, 2, p. 337-365
Publication: Research - peer-review › Journal article – Annual report year: 2018

Lempel-Ziv Compression in a Sliding Window
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Logical Entity Level Sentiment Analysis
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Lower bounds on the run time of the univariate marginal distribution algorithm on OneMax
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Matching and Compression of Strings with Automata and Word Packing
Publication: Research › Ph.D. thesis – Annual report year: 2017

Motif trie: An efficient text index for pattern discovery with don't cares
Publication: Research - peer-review › Journal article – Annual report year: 2018

NaDeA: A Natural Deduction Assistant with a Formalization in Isabelle
Publication: Research - peer-review › Journal article – Annual report year: 2017

Nash Equilibria in Symmetric Graph Games with Partial Observation
Publication: Research - peer-review › Journal article – Annual report year: 2016

On a combination of the 1-2-3 conjecture and the antimagic labelling conjecture
Publication: Research - peer-review › Journal article – Annual report year: 2017
On a directed variation of the 1-2-3 and 1-2 Conjectures  
Publication: Research - peer-review › Journal article – Annual report year: 2016

On q-power cycles in cubic graphs  
Bensmail, J. 2017 In : Discussiones Mathematicae. Graph Theory. 37, p. 211–220  
Publication: Research - peer-review › Journal article – Annual report year: 2016

On the Minimum Number of Spanning Trees in k-Edge-Connected Graphs  
Publication: Research - peer-review › Journal article – Annual report year: 2016

Pathway computation in models derived from bio-science text sources  
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Querying Natural Logic Knowledge Bases  
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Roots of the Chromatic Polynomial  
Publication: Research › Ph.D. thesis – Annual report year: 2017

Space-Efficient Re-Pair Compression  
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Spanning quadrangulations of triangulated surfaces  
Publication: Research - peer-review › Journal article – Annual report year: 2017

Structural properties of recursively partitionable graphs with connectivity 2  
Publication: Research - peer-review › Journal article – Annual report year: 2016

Succinct partial sums and fenwick trees  
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

The (1+λ) evolutionary algorithm with self-adjusting mutation rate  
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017
The Impact of a Sparse Migration Topology on the Runtime of Island Models in Dynamic Optimization
Publication: Research - peer-review › Journal article – Annual report year: 2017

The Interplay of Population Size and Mutation Probability in the (1+λ) EA on OneMax
Publication: Research - peer-review › Journal article – Annual report year: 2016

The number of colorings of planar graphs with no separating triangles
Publication: Research - peer-review › Journal article – Annual report year: 2016

The square of a planar cubic graph is 7-colorable
Publication: Research - peer-review › Journal article – Annual report year: 2017

Tight bounds for top tree compression
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Time-space trade-offs for lempel-ziv compressed indexing
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Upper bounds on the runtime of the univariate marginal distribution algorithm on OneMax
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Graph reconstruction with a betweenness oracle
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

A Framework for Organization-Aware Agents: JAAMAS Extended Abstract
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2016

Analysis of Ant Colony Optimization and Population-Based Evolutionary Algorithms on Dynamic Problems
Publication: Research › Ph.D. thesis – Annual report year: 2016

Announcements to Attentive Agents
Publication: Research - peer-review › Journal article – Annual report year: 2016
Aspects of the Tutte polynomial

A zero-free interval for chromatic polynomials of graphs with 3-leaf spanning trees

Better Eager Than Lazy? How Agent Types Impact the Successfulness of Implicit Coordination

Bisimulation and expressivity for conditional belief, degrees of belief, and safe belief

Bookmarks in Grammar-Compressed Strings

Boxed Permutation Pattern Matching.

Capacitated Vehicle Routing with Nonuniform Speeds

Capacitated Vehicle Routing with Non-Uniform Speeds

Chromatic roots and minor-closed families of graphs

Code Generation for a Simple First-Order Prover

Decomposing graphs into a constant number of locally irregular subgraphs

Decomposing highly edge-connected graphs into homomorphic copies of a fixed tree
Group-colouring, group-connectivity, claw-decompositions, and orientations in 5-edge-connected planar graphs
Publication: Research - peer-review › Journal article – Annual report year: 2016

Guest Editorial: Theory of Evolutionary Computation
Publication: Research - peer-review › Editorial – Annual report year: 2016

Hedetniemi's conjecture for Kneser hypergraphs
Publication: Research - peer-review › Journal article – Annual report year: 2016

How I convinced Isabelle that resolution is complete
Schlichtkrull, A. 2016
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2016

Infinitely connected subgraphs in graphs of uncountable chromatic number
Thomassen, C. 2016 In : Combinatorica. 37, 4, p. 785–793
Publication: Research - peer-review › Journal article – Annual report year: 2016

Isolating highly connected induced subgraphs
Publication: Research - peer-review › Journal article – Annual report year: 2016

Liftings in Finite Graphs and Linkages in Infinite Graphs with Prescribed Edge-Connectivity
Ok, S., Richter, R. B. & Thomassen, C. 2016 In : Graphs and Combinatorics. 32, 6, p. 2575-2589
Publication: Research - peer-review › Journal article – Annual report year: 2016

Locating Depots for Capacitated Vehicle Routing
Gørtz, I. L. & Nagarajan, V. 2016 In : Networks. 68, 2, p. 94-103
Publication: Research - peer-review › Journal article – Annual report year: 2016

Longest common extensions in trees.
Publication: Research - peer-review › Journal article – Annual report year: 2016

Maximal unbordered factors of random strings
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Nash-Williams' cycle-decomposition theorem
Publication: Research - peer-review › Journal article – Annual report year: 2016

On the Relationship between a Computational Natural Logic and Natural Language
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Optimal mutation rates for the (1+λ) EA on OneMax
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016
The impact of migration topology on the runtime of island models in dynamic optimization
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

The power of two choices with simple tabulation
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

The Resolution Calculus for First-Order Logic
Publication: Research - peer-review › Journal article – Annual report year: 2016

Update Strength in EDAs and ACO: How to Avoid Genetic Drift
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Verication of an LCF-Style First-Order Prover with Equality
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Winning Cores in Parity Games
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Hashing for Statistics over K-Partitions
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Planar Reachability in Linear Space and Constant Time
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Dynamic planar embeddings of dynamic graphs
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Access, Rank, and Select in Grammar-compressed Strings
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015
Algorithms and data structures for grammar-compressed strings
Publication: Research › Ph.D. thesis – Annual report year: 2015

Algorithms and Data Structures for Strings, Points and Integers: or, Points about Strings and Strings about Points
Publication: Research › Ph.D. thesis – Annual report year: 2015

A suffix tree or not a suffix tree?
Publication: Research - peer-review › Journal article – Annual report year: 2015

A Suffix Tree Or Not a Suffix Tree?
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

A System for Conceptual Pathway Finding and Deductive Querying
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Completeness and Termination for a Seligman-style Tableau System
Blackburn, P. R., Bolander, T., Braüner, T. & Jørgensen, K. F. 2015 In : Journal of Logic and Computation. 27, 1, p. 81-107
Publication: Research - peer-review › Journal article – Annual report year: 2015

Complexity Results in Epistemic Planning
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Compressed Data Structures for Range Searching
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Computing Pathways In Bio-Models Derived from Bio-Science Text Sources
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Cooperative Epistemic Multi-Agent Planning With Implicit Coordination
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Decomposing series-parallel graphs into paths of length 3 and triangles
Publication: Research - peer-review › Journal article – Annual report year: 2015
Destroying longest cycles in graphs and digraphs
Publication: Research - peer-review › Journal article – Annual report year: 2015

Don’t Plan for the Unexpected: Planning Based on Plausibility Models
Publication: Research - peer-review › Journal article – Annual report year: 2015

Extending a perfect matching to a Hamiltonian cycle
Publication: Research - peer-review › Journal article – Annual report year: 2015

Faster Fully-Dynamic minimum spanning forest
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Formalization of Algorithms and Logical Inference Systems in Proof Assistants
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

Hvornår skal vi blive bange?
Johansen, M. W. & Bolander, T. 2015 43, Weekendavisen
Publication: Communication › Newspaper article – Annual report year: 2016

Improved time complexity analysis of the Simple Genetic Algorithm
Oliveto, P. S. & Witt, C. 2015 In : Theoretical Computer Science. 605, p. 21-41
Publication: Research - peer-review › Journal article – Annual report year: 2015

In Pursuit of Natural Logics for Ontology-Structured Knowledge Bases
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Interfacing Agents to Real-Time Strategy Games
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Kursusudvikling gennem systematisk evaluering
Publication: Research - peer-review › Book chapter – Annual report year: 2015

Learning Actions Models: Qualitative Approach
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016
Load Scheduling in a Cloud Based Massive Video-Storage Environment
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Longest Common Extensions in Sublinear Space
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Longest Common Extensions in Trees
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Meta-Logical Reasoning in Higher-Order Logic
Villadsen, J., Schlichtkrull, A. & Hess, A. V. 2015
Publication: Research - peer-review › Poster – Annual report year: 2015

Minimum Makespan Multi-Vehicle Dial-a-Ride
Publication: Research - peer-review › Journal article – Annual report year: 2015

Minimum Makespan Multi-Vehicle Dial-a-Ride
Publication: Research - peer-review › Journal article – Annual report year: 2015

MMAS Versus Population-Based EA on a Family of Dynamic Fitness Functions
Publication: Research - peer-review › Journal article – Annual report year: 2015

NaDeA: A Natural Deduction Assistant with a Formalization in Isabelle
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Nature-Inspired and Energy Efficient Route Planning
Schlichtkrull, A., Christensen, J. B. S., Feld, T. & Hansen, T. B. 2015 Grøn Dyst - Green Challenge: Student conference on sustainability, the environment and climate technology. Technical University of Denmark (DTU), p. 70 1 p. 37
Publication: Research › Conference abstract in proceedings – Annual report year: 2015

On Regular Expression Matching and Deterministic Finite Automata
Bille, P. 2015 In : Tiny ToCS . 3, p. 1
Publication: Research - peer-review › Comment/debate – Annual report year: 2015

On the chromatic number of general Kneser hypergraphs
Publication: Research - peer-review › Journal article – Annual report year: 2015

On the Complexity of Model-Checking Branching and Alternating-Time Temporal Logics in One-Counter Systems
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015
On the Runtime of Randomized Local Search and Simple Evolutionary Algorithms for Dynamic Makespan Scheduling
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

On the Utility of Island Models in Dynamic Optimization
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Part E: Evolutionary Computation
Publication: Research - peer-review › Book chapter – Annual report year: 2015

Plan-Belief Revision in Jason
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Population Size vs. Mutation Strength for the (1+λ) EA on OneMax
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

ProofJudge: Automated Proof Judging Tool for Learning Mathematical Logic
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Random Access to Grammar-Compressed Strings and Trees
Publication: Research - peer-review › Journal article – Annual report year: 2015

Runtime analysis of ant colony optimization on dynamic shortest path problems
Publication: Research - peer-review › Journal article – Annual report year: 2015

The AORTA Reasoning Framework - Adding Organizational Reasoning to Agents
Publication: Research › Ph.D. thesis – Annual report year: 2015

The minimum number of minimal codewords in an \([n,k]\)-code and in graphic codes
Publication: Research - peer-review › Journal article – Annual report year: 2014

Topics in combinatorial pattern matching
Publication: Research › Ph.D. thesis – Annual report year: 2015
Towards Theory-of-Mind agents using Automated Planning and Dynamic Epistemic Logic
Publication: Research › Ph.D. thesis – Annual report year: 2015

Tree compression with top trees
Publication: Research - peer-review › Journal article – Annual report year: 2015

UNI C - A True Internet Pioneer, the Danish Computing Centre for Research and Education
Publication: Research - peer-review › Book chapter – Annual report year: 2016

Designing garbage-free reversible implementations of the integer cosine transform
Publication: Research - peer-review › Journal article – Annual report year: 2014

A Case for Embedded Natural Logic for Ontological Knowledge Bases
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Publication: Research - peer-review › Book – Annual report year: 2014

AORTA: Adding Organizational Reasoning to Agents: Extended abstract
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2014

A System for Computing Conceptual Pathways in Bio-medical Text Models
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Bioinspired computation in combinatorial optimization - Algorithms and their computational complexity
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Colored Range Searching in Linear Space
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Combining Formal Logic and Machine Learning for Sentiment Analysis
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014
Compact q-gram profiling of compressed strings
Bille, P., Cording, P. H. & Gørtz, I. L. 2014 In : Theoretical Computer Science. 550, p. 51-58
Publication: Research - peer-review › Journal article – Annual report year: 2014

Compressed Subsequence Matching and Packed Tree Coloring
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Concentrated Hitting Times of Randomized Search Heuristics with Variable Drift
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Constraints and Language
Publication: Research - peer-review › Book – Annual report year: 2014

Constraints in (Computational) Linguistics
Publication: Research - peer-review › Book chapter – Annual report year: 2014

Epistemic and Doxastic Planning
Publication: Research › Ph.D. thesis – Annual report year: 2014

Finite groups having at most 27 non-normal proper subgroups of non-prime-power order
Shi, J. & Zhang, C. 2014 In : Glasnik Matematicki. 49, 1, p. 105-111
Publication: Research - peer-review › Journal article – Annual report year: 2014

Finite groups in which all nonabelian subgroups are TI-subgroups
Publication: Research - peer-review › Journal article – Annual report year: 2014

Finite Groups with Given Quantitative Non-Nilpotent Subgroups II
Shi, J. & Zhang, C. 2014 In : Communications in Algebra. 42, 10, p. 4248-4252
Publication: Research - peer-review › Journal article – Annual report year: 2014

Fitness levels with tail bounds for the analysis of randomized search heuristics
Publication: Research - peer-review › Journal article – Annual report year: 2014

Graph factors modulo k
Publication: Research - peer-review › Journal article – Annual report year: 2014

Group flow, complex flow, unit vector flow, and the (2+)flow conjecture
Publication: Research - peer-review › Journal article – Annual report year: 2014
Indexing Motion Detection Data for Surveillance Video
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

IS-A diversified
Publication: Research - peer-review › Book chapter – Annual report year: 2014

MMAS vs. Population-based EA on a family of dynamic fitness functions
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Multi-dimensional Type Theory: Rules, Categories and Combinators for Syntax and Semantics
Publication: Research - peer-review › Book chapter – Annual report year: 2014

Nash Equilibria in Symmetric Games with Partial Observation
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Optimal decision procedures for satisfiability in fragments of alternating-time temporal logics
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Optimal Tableaux-Based Decision Procedure for Testing Satisfiability in the Alternating-Time Temporal Logic ATL+
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Output-Sensitive Pattern Extraction in Sequences
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Regaining the Square of Opposition in Formal Ontology Development
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Revised analysis of the (1+1) EA for the minimum spanning tree problem
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Robustness of Populations in Stochastic Environments
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014
Seeing is Believing: Formalising False-Belief Tasks in Dynamic Epistemic Logic
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

String Indexing for Patterns with Wildcards
Publication: Research - peer-review › Journal article – Annual report year: 2014

Strongly 2-connected orientations of graphs
Publication: Research - peer-review › Journal article – Annual report year: 2014

Sublinear Space Algorithms for the Longest Common Substring Problem
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Substring Range Reporting
Bille, P. & Gørtz, I. L. 2014 In : Algorithmica. 69, 2, p. 384-396
Publication: Research - peer-review › Journal article – Annual report year: 2014

Symmetry Reduction in Infinite Games with Finite Branching
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Tetravalent one-regular graphs of order $4p^2$
Publication: Research - peer-review › Journal article – Annual report year: 2014

The AORTA Architecture: Integrating Organizational Reasoning in Jason
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

The AORTA Architecture: Integrating Organizational Reasoning in Jason
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

The dark side of interval temporal logic: marking the undecidability border
Publication: Research - peer-review › Journal article – Annual report year: 2014

Time–space trade-offs for longest common extensions
Publication: Research - peer-review › Journal article – Annual report year: 2014
Towards optimal packed string matching
Publication: Research - peer-review › Journal article – Annual report year: 2014

Union-Find with Constant Time Deletions
Publication: Research - peer-review › Journal article – Annual report year: 2014

A Comparison of Organization-Centered and Agent-Centered Multi-Agent Systems
Publication: Research - peer-review › Journal article – Annual report year: 2013

Alternating-time temporal logic with finite-memory strategies
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

A method to derive fixed budget results from expected optimisation times
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

An Offer You Cannot Refuse: Obtaining Efficiency and Fairness in Preplay Negotiation Games with Conditional Offers
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

A Seligman-Style Tableau System
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Belief Revision in the GOAL Agent Programming Language
Publication: Research - peer-review › Journal article – Annual report year: 2013

Bioinspired computation in combinatorial optimization - Algorithms and their computational complexity
Neumann, F. & Witt, C. 2013 Proceeding of the fifteenth annual conference companion on Genetic and evolutionary computation. Association for Computing Machinery, p. 567-590
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Bisimulation for Single-Agent Plausibility Models
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Compact q-gram Profiling of Compressed Strings
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Conceptual Pathway Querying of Natural Logic Knowledge Bases from Text Bases
Deciding between Conflicting Influences
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Deciding Between Conflicting Influences
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Decomposing a graph into bistars
Thomassen, C. 2013 In : Journal of Combinatorial Theory. Series B. 103, 4, p. 504-508
Publication: Research - peer-review › Journal article – Annual report year: 2013

Decomposing graphs into paths of fixed length
Thomassen, C. 2013 In : Combinatorica. 33, 1, p. 97-123
Publication: Research - peer-review › Journal article – Annual report year: 2013

Diagrammatic Reasoning with Classes and Relationships
Publication: Research - peer-review › Book chapter – Annual report year: 2013

Dimensions of Organizational Coordination
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Engineering a Multi-Agent System in GOAL
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Evolutionary Algorithms for the Detection of Structural Breaks in Time Series
Doerr, B., Fischer, P., Hilbert, A. & Witt, C. 2013 Proceeding of the fifteenth annual conference companion on Genetic and evolutionary computation. Association for Computing Machinery, p. 119-120
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Fingerprints in Compressed Strings
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Finite groups in which some particular subgroups are TI-subgroups
Shi, J. & Zhang, C. 2013 In : Miscolc Mathematical Notes. 14, 3, p. 1037-1040
Publication: Research - peer-review › Journal article – Annual report year: 2014

Formalizing Theatrical Performances Using Multi-Agent Organizations
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013
How to Be Both Rich and Happy: Combining Quantitative and Qualitative Strategic Reasoning about Multi-Player Games
Publication: Research - peer-review › Conference article – Annual report year: 2013

Hybridizing Evolutionary Algorithms with Opportunistic Local Search
Gießen, C. 2013 Proceedings of the 15th annual conference on Genetic and evolutionary computation (GECCO'13).
Association for Computing Machinery, p. 797-804
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Improved Runtime Analysis of the Simple Genetic Algorithm
Oliveto, P. S. & Witt, C. 2013 Proceeding of the fifteenth annual conference on Genetic and evolutionary computation.
Association for Computing Machinery, p. 1621-1628
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Java to C: A Primer
Publication: Research › Book – Annual report year: 2013

Metric propositional neighborhood logics on natural numbers
Publication: Research - peer-review › Journal article – Annual report year: 2013

Multi-Agent Programming Contest 2013: The Teams and the Design of Their Systems
Ahlbrecht, T., Bender-Saebelkampf, C., Brito, M., Christensen, N. C., Dix, J., Franco, M. R., Heller, H., Hess, A. V.,
Heißler, A., Hübner, J. F., Jensen, A. S., Johnsen, J. B., Köster, M., Li, C., Liu, L., Morato, M. M., Ørum, P. B., Schlesinger,
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Nowhere-zero 3-flows and modulo k-orientations
Publication: Research - peer-review › Journal article – Annual report year: 2013

On Programming Organization-Aware Agents
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

On the Set of the Numbers of Conjugates of Noncyclic Proper Subgroups of Finite Groups
Publication: Research - peer-review › Journal article – Annual report year: 2013

Planning using dynamic epistemic logic: Correspondence and complexity
Jensen, M. H. 2013 Logic, Rationality, and Interaction: 4th International Workshop, LORI 2013, Hangzhou, China, October
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Program Leadership from a Nordic Perspective - Program Leaders’ Power to Influence Their Program
Högfeldt, A-K., Strömberg, E., Jerbrant, A., Berglund, A., Hussmann, P. M., Villadsen, J., Kinnunen, P., Malmi, L.,
Malmqvist, J. & Baggerud, B. 2013 Proceedings of 9th International CDIO Conference. 11 p. 186
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013
Reimplementing a Multi-Agent System in Python
Publication: Research - peer-review › Report chapter – Annual report year: 2013

Reimplementing a Multi-Agent System in Python
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Runtime analysis of ant colony optimization on dynamic shortest path problems
Lissovoi, A. & Witt, C. 2013 Proceeding of the fifteenth annual conference on Genetic and evolutionary computation. Association for Computing Machinery, p. 1605-1612
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Sparse suffix tree construction in small space
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Strategic games and truly playable effectivity functions
Publication: Research - peer-review › Journal article – Annual report year: 2013

Strength of the reversible, garbage-free $2^k \pm 1$ multiplier
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Tableau-based decision procedure for the multiagent epistemic logic with all coalitional operators for common and distributed knowledge
Publication: Research - peer-review › Journal article – Annual report year: 2013

Tableaux-Based Decision Method for Single-Agent Linear Time Synchronous Temporal Epistemic Logics with Interacting Time and Knowledge
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

The hardness of the functional orientation 2-color problem
Publication: Research - peer-review › Journal article – Annual report year: 2014

The maximum number of minimal codewords in an $[n, k]$-code
Publication: Research - peer-review › Journal article – Annual report year: 2013

Tight Bounds on the Optimization Time of a Randomized Search Heuristic on Linear Functions
Activities:

**ARQNL 2018**
Schlichtkrull, A. (Participant)
18 Jul 2018
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

**Local Isabelle Workshop**
Schlichtkrull, A. (Participant)
6 Jun 2018
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

**Phd Bazaar 2018 DTU Compute**
Schlichtkrull, A. (Participant)
9 May 2018
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

**Talk in the Computational Logic Group at the University of Innsbruck**
Schlichtkrull, A. (Participant)
1 Mar 2018
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

**Proof Assistants and Related Tools - The PART & PART 2 Projects 2017**
Schlichtkrull, A. (Participant)
9 Nov 2017
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

**TCS and PAM seminar**
Schlichtkrull, A. (Participant)
3 Nov 2017
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

**Proof Assistants and Related Tools - The PART & PART 2 Projects 2017**
Schlichtkrull, A. (Participant)
7 Sep 2017
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

**MAS & HOL**
Schlichtkrull, A. (Participant)
28 Sep 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

**Club2**
Schlichtkrull, A. (Participant)
11 May 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

**Proof Assistants and Related Tools - The PART & PART 2 Projects 2016**
Schlichtkrull, A. (Participant)
20 Apr 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

**Proof Assistants and Related Tools - The PART & PART 2 Projects 2015**
Schlichtkrull, A. (Participant)
23 Sep 2015
Press clippings:

Google-computers triumf er et lille skridt mod store samfundsomvæltninger
Thomas Bolander
16/03/2016
1 media contribution
Press / Media

De fleste har jo tre-fire milliarder linjer kunstig intelligens-kode i lommen
Thomas Bolander
15/02/2016
1 media contribution
Press / Media

Dagen gryr for kunstig intelligens på de finansielle markeder
Thomas Bolander
08/02/2016
1 media contribution
Press / Media

Nu tager robotterne også specialistjob
Thomas Bolander
29/01/2016
1 media contribution
Press / Media

Om Star Wars, robotter og kunstig intelligens
Thomas Bolander
16/12/2015
1 media contribution
Press / Media

Har din robot forstået dig i dag?
Thomas Bolander
30/10/2015
1 media contribution
Press / Media

Skal vi frygte robotter?
Thomas Bolander
02/08/2015
1 media contribution
Press / Media

Memristor-hjerne kan revolutionere kunstig intelligens
Thomas Bolander
15/05/2015
1 media contribution
Press / Media

Om Blade Runner og menneskelig vs. kunstig intelligens
Thomas Bolander
07/05/2015
1 media contribution
Press / Media
Kunstig intelligens får højere IQ
Thomas Bolander
07/04/2015
1 media contribution
Press / Media

Skal vi bekymrede for udviklingen indenfor kunstig intelligens?
Thomas Bolander
12/03/2015
1 media contribution
Press / Media

Om DeepMind og kunstig intelligens
Thomas Bolander
03/03/2015
1 media contribution
Press / Media

Glem dommedagsprofetierne om kunstig intelligens
Thomas Bolander
13/02/2015
1 media contribution
Press / Media

Når våben bestemmer over liv og død
Thomas Bolander
19/12/2014
1 media contribution
Press / Media

DR2 Dagen
Thomas Bolander
20/10/2014
1 media contribution
Press / Media

Kunstig intelligens og fremtidens robotter
Thomas Bolander
20/10/2014
1 media contribution
Press / Media

Kulturen på NEWS: Computeren har narret mennesket
Thomas Bolander
06/10/2014
1 media contribution
Press / Media

AK24syv på Radio 24syv: Om sociale robotter og etik
Thomas Bolander
17/09/2014
1 media contribution
Press / Media

Om sociale robotter og etik
Thomas Bolander
Om fremtidens dræberrobotter
Thomas Bolander
09/09/2014
1 media contribution
Press / Media

Ghandi på P3: Om fremtidens dræberrobotter
Thomas Bolander
09/09/2014
1 media contribution
Press / Media

Computeren har narret mennesket
Thomas Bolander
10/06/2014
1 media contribution
Press / Media

Computer består afgørende mennesketest
Thomas Bolander
10/06/2014
1 media contribution
Press / Media

Supercomputer narrer menneske
Thomas Bolander
10/06/2014
1 media contribution
Press / Media

Computer består afgørende mennesketest
Thomas Bolander
10/06/2014
1 media contribution
Press / Media

24syv Morgen: Supercomputer narrer menneske
Thomas Bolander
10/06/2014
1 media contribution
Press / Media

Thomas Bolander on self-reference and agent introspection
Thomas Bolander
13/04/2014
1 media contribution
Press / Media

Hvordan bestemmes sudokuers sværhedsgrad?
Thomas Bolander
16/03/2014
1 media contribution
Press / Media
Hvordan bestemmes sudokuers svarhedsgrad?
Thomas Bolander
16/03/2014
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IBM satser på kommerciel kunstig intelligens
Thomas Bolander
11/03/2014
1 media contribution
Press / Media

Orientering på P1: IBM satser på kommerciel kunstig intelligens
Thomas Bolander
11/03/2014
1 media contribution
Press / Media

Intelligens og maskiner
Thomas Bolander
05/03/2014
1 media contribution
Press / Media

Apropos på P1: Intelligens og maskiner
Thomas Bolander
05/03/2014
1 media contribution
Press / Media

Når robotten bliver en ven
Thomas Bolander
28/02/2014
1 media contribution
Press / Media

DR2 Dagen: Når robotten bliver en ven
Thomas Bolander
28/02/2014
1 media contribution
Press / Media

Drop kæresten - elsk dit styresystem i stedet
Thomas Bolander
27/02/2014
1 media contribution
Press / Media

Drop kæresten - elsk dit styresystem i stedet
Thomas Bolander
27/02/2014
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Kan man elske sit styresystem
Thomas Bolander