Formalization of the Resolution Calculus for First-Order Logic
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

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

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

Online bipartite matching with amortized $O(\log^2 n)$ replacements
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

The bane of low-dimensionality clustering
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

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

Dynamic Relative Compression, Dynamic Partial Sums, and Substring Concatenation
Publication: Research - peer-review › Journal article – Annual report year: 2017
Contracting a planar graph efficiently
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

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

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

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

A Framework for Organization-Aware Agents
Publication: Research - peer-review › Journal article – Annual report year: 2016

A framework of DYNAMIC data structures for string processing
Publication: Research - peer-review › Journal article – Annual report year: 2017

A gentle introduction to epistemic planning: The DEL approach
Publication: Research - peer-review › Conference article – Annual report year: 2017

Amalgams and χ-Boundedness
Penev, I. 2017 In : Journal of Graph Theory. 84, 1, p. 57–92
Publication: Research - peer-review › Journal article – Annual report year: 2016

An Approach for Hospital Planning with Multi-Agent Organizations
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

An Approach for Hospital Planning with Multi-Agent Organizations
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

A Natural Logic for Natural-language Knowledge Bases
Publication: Research - peer-review › Book chapter – Annual report year: 2017
A proof of the Barát-Thomassen conjecture
Publication: Research - peer-review › Journal article – Annual report year: 2017

A Runtime Analysis of Parallel Evolutionary Algorithms in Dynamic Optimization
Publication: Research - peer-review › Journal article – Annual report year: 2016

Certified Soundness of Simplest Known Formulation of First-Order Logic
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Characterizing width two for variants of treewidth
Publication: Research - peer-review › Journal article – Annual report year: 2015

Chords in longest cycles
Publication: Research - peer-review › Journal article – Annual report year: 2017

Chromatic number via Turán number
Publication: Research - peer-review › Journal article – Annual report year: 2017

Compressed Subsequence Matching and Packed Tree Coloring
Bille, P., Cording, P. H. & Gørtz, I. L. 2017 In : Algorithmica. 77, 2, p. 336–348
Publication: Research - peer-review › Journal article – Annual report year: 2015

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

Leading the Teacher Team - Balancing Between Formal and Informal Power in Program Leadership
Publication: Research - peer-review › Journal article – Annual report year: 2017

Learning to Act: Qualitative Learning of Deterministic Action Models
Bolander, T. & Gierasimczuk, N. 2017 In : Journal of Logic and Computation. 29 p., exx036
Publication: Research - peer-review › Journal article – Annual report year: 2017

Lempel-Ziv Compression in a Sliding Window
Logical Entity Level Sentiment Analysis

Lower bounds on the run time of the univariate marginal distribution algorithm on OneMax

Matching and Compression of Strings with Automata and Word Packing

Motif trie: An efficient text index for pattern discovery with don't cares

NaDeA: A Natural Deduction Assistant with a Formalization in Isabelle

Nash Equilibria in Symmetric Graph Games with Partial Observation

On a combination of the 1-2-3 conjecture and the antimagic labelling conjecture

On a directed variation of the 1-2-3 and 1-2 Conjectures

On q-power cycles in cubic graphs
Bensmail, J. 2017 *Discussiones Mathematicae*. Graph Theory. 37, p. 211–220

On the Minimum Number of Spanning Trees in k-Edge-Connected Graphs

Pathway computation in models derived from bio-science text sources

Querying Natural Logic Knowledge Bases
Roots of the Chromatic Polynomial

Space-Efficient Re-Pair Compression

Spanning quadrangulations of triangulated surfaces

Structural properties of recursively partitionable graphs with connectivity 2

Succinct partial sums and fenwick trees

The (1+λ) evolutionary algorithm with self-adjusting mutation rate

The impact of a Sparse Migration Topology on the Runtime of Island Models in Dynamic Optimization

The number of colorings of planar graphs with no separating triangles

The square of a planar cubic graph is 7-colorable

Tight bounds for top tree compression

Time-space trade-offs for lempel-ziv compressed indexing
Upper bounds on the runtime of the univariate marginal distribution algorithm on OneMax

Graph reconstruction with a betweenness oracle

A Framework for Organization-Aware Agents: JAAMAS Extended Abstract

Analysis of Ant Colony Optimization and Population-Based Evolutionary Algorithms on Dynamic Problems

Announcements to Attentive Agents

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

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

Decomposing Oriented Graphs into Six Locally Irregular Oriented Graphs

Detecting structural breaks in time series via genetic algorithms

Distance labeling schemes for trees

Distributed synthesis in continuous time

Dynamic and approximate pattern matching in 2D

Dynamic Relative Compression, Dynamic Partial Sums, and Substring Concatenation
Edge-partitioning graphs into regular and locally irregular components
Publication: Research - peer-review › Journal article – Annual report year: 2016

Finger Search in Grammar-Compressed Strings
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Formalization of the Resolution Calculus for First-Order Logic
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Game-based verification and synthesis
Publication: Research › Ph.D. thesis – Annual report year: 2016

Graph Decompositions
Publication: Research › Ph.D. thesis – Annual report year: 2016

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. 9 p.
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

Orientations of infinite graphs with prescribed edge-connectivity
Publication: Research - peer-review › Journal article – Annual report year: 2015

Paraconsistency
Publication: Research - peer-review › Journal article – Annual report year: 2016

Parallel Lookups in String Indexes
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

ProofJudge: Automated Proof Judging Tool for Learning Mathematical Logic
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Robustness of Populations in Stochastic Environments
Publication: Research - peer-review › Journal article – Annual report year: 2015

Running a Prover in a Prover - Isabelle as a Meta-Logic
Villadsen, J. 2016
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2016
Sparse Text Indexing in Small Space
Publication: Research - peer-review › Journal article – Annual report year: 2016

Subsequence Automata with Default Transitions
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Synthetic Completeness Proofs for Seligman-style Tableau Systems
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

The 3-flow conjecture, factors modulo k, and the 1-2-3-conjecture
Publication: Research - peer-review › Journal article – Annual report year: 2016

The complexity of deciding whether a graph admits an orientation with fixed weak diameter
Bensmail, J., Duvgnau, R. & Kirgizov, S. 2016 In : Discrete Mathematics and Theoretical Computer Science . 17, 3, p. 31-42
Publication: Research - peer-review › Journal article – 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
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
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: 2015

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

MMAS Versus Population-Based EA on a Family of Dynamic Fitness Functions
NaDeA: A Natural Deduction Assistant with a Formalization in Isabelle

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

On Regular Expression Matching and Deterministic Finite Automata
Bille, P. 2015 In : Tiny ToCS . 3, p. 1

On the chromatic number of general Kneser hypergraphs

On the Complexity of Model-Checking Branching and Alternating-Time Temporal Logics In One-Counter Systems

On the Runtime of Randomized Local Search and Simple Evolutionary Algorithms for Dynamic Makespan Scheduling

On the Utility of Island Models in Dynamic Optimization

Part E: Evolutionary Computation

Plan-Belief Revision in Jason

Population Size vs. Mutation Strength for the (1+λ) EA on OneMax

ProofJudge: Automated Proof Judging Tool for Learning Mathematical Logic
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

Designing garbage-free reversible implementations of the integer cosine transform
Publication: Research - peer-review › Journal article – Annual report year: 2015

Publication: Research - peer-review › Book – 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
Lissovoi, A. & Witt, C. 2014 Proceedings of the 2014 conference on Genetic and evolutionary computation (GECCO '14)). Association for Computing Machinery, p. 1399-1406
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
Tetravalent one-regular graphs of order 4p²
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
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
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

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
Nowhere-zero 3-flows and modulo k-orientations

On Programming Organization-Aware Agents

On the Set of the Numbers of Conjugates of Noncyclic Proper Subgroups of Finite Groups

Planning using dynamic epistemic logic: Correspondence and complexity

Program Leadership from a Nordic Perspective - Program Leaders' Power to Influence Their Program

Reimplementing a Multi-Agent System in Python

Reimplementing a Multi-Agent System in Python

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

Sparse suffix tree construction in small space

Strategic games and truly playable effectivity functions

Strength of the reversible, garbage-free $2^k \pm 1$ multiplier
Tableau-based decision procedure for the multiagent epistemic logic with all coalitional operators for common and distributed knowledge

Tableaux-Based Decision Method for Single-Agent Linear Time Synchronous Temporal Epistemic Logics with Interacting Time and Knowledge

The hardness of the functional orientation 2-color problem

The maximum number of minimal codewords in an [n, k]-code

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

Time-Space Trade-Offs for the Longest Common Substring Problem

Tree compression with top trees

Undecidability in Epistemic Planning

When do evolutionary algorithms optimize separable functions in parallel?

Implementing a Multi-Agent System in Python
Implementing a Multi-Agent System in Python with an Auction-Based Agreement Approach
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

Multi-Agent Programming Contest 2012 - The Python-DTU Team
Publication: Research - peer-review › Report – Annual report year: 2012

Multi-Agent Programming Contest 2011 - The Python-DTU Team
Publication: Research - peer-review › Report – Annual report year: 2011

GeneWiz browser: An Interactive Tool for Visualizing Sequenced Chromosomes
Publication: Research - peer-review › Journal article – Annual report year: 2009