@inproceedings{emerson1991tree,

title={Tree automata, mu-calculus and determinacy},

author={Emerson, E Allen and Jutla, Charanjit S},

booktitle={FoCS},

volume={91},

pages={368--377},

year={1991},

organization={Citeseer}

}

@inproceedings{niwinski1988fixed,

title={Fixed points vs. infinite generation},

author={Niwinski, Damian},

booktitle={Proceedings Third Annual Symposium on Logic in Computer Science},

pages={402--403},

year={1988},

organization={IEEE Computer Society}

}

@article{DBLP:journals/cacm/Kozen83,

author = {D. Kozen},

title = {Results on the propositional $\mu$-calculus},

journal = {Theoretical Computer Science},

volume = {27},

pages = {333--354},

year = {1983}

}

@article{DBLP:journals/cacm/Dijkstra75,

author = {Edsger W. Dijkstra},

title = {Guarded Commands, {N}ondeterminacy and {F}ormal {D}erivation of {P}rograms},

journal = {Commun. {ACM}},

volume = {18},

number = {8},

pages = {453--457},

year = {1975},

url = {https://doi.org/10.1145/360933.360975},

doi = {10.1145/360933.360975},

timestamp = {Wed, 14 Nov 2018 10:22:34 +0100},

biburl = {https://dblp.org/rec/journals/cacm/Dijkstra75.bib},

bibsource = {dblp computer science bibliography, https://dblp.org}

}

@article{comon1997tree,

title={Tree automata techniques and applications},

author={Comon, Hubert},

journal={http://www. grappa. univ-lille3. fr/tata},

year={1997}

}

@inproceedings{janin1995automata,

title={Automata for the modal $\mu$-calculus and related results},

author={Janin, David and Walukiewicz, Igor},

booktitle={International Symposium on Mathematical Foundations of Computer Science},

pages={552--562},

year={1995},

organization={Springer}

}

@incollection{bradfield2018mu,

title={The mu-calculus and model checking},

author={Bradfield, Julian and Walukiewicz, Igor},

booktitle={Handbook of Model Checking},

pages={871--919},

year={2018},

publisher={Springer}

}

@article{d1996uniform,

title={Uniform interpolation, automata and the modal $\mu$-calculus},

author={D'Agostino, Giovanna and Hollenberg, Marco},

journal={Logic Group Preprint Series},

volume={165},

year={1996}

}

@article{emerson1997model,

title={Model checking and the mu-calculus},

author={Emerson, E Allen},

journal={DIMACS series in discrete mathematics},

volume={31},

pages={185--214},

year={1997}

}

@ARTICLE{renyansfirstpaper,

author = {Feng, Renyan and Acar, Erman and Schlobach, Stefean and Wang, Yisong},

title = "{On Sufficient and Necessary Conditions in Bounded CTL}",

journal = {arXiv e-prints},

keywords = {Computer Science - Artificial Intelligence},

year = "2020",

month = "Mar.",

archivePrefix = {arXiv},

primaryClass = {cs.AI},

}

@article{katsuno91mendelzon,

title={Mendelzon, AO: On the Difference Between Updating a Knowledge Base and Revising It},

author={Katsuno, HIROFUMI},

journal={Proc. of KR},

volume={91}

}

@article{d1996uniform,

title={Uniform interpolation, automata and the modal $\mu$-calculus},

author={D'Agostino, Giovanna and Hollenberg, Marco},

journal={Logic Group Preprint Series},

volume={165},

year={1996}

}

@article{d2006modal,

title={On modal $\mu$-calculus with explicit interpolants},

author={D'Agostino, Giovanna and Lenzi, Giacomo},

journal={Journal of applied logic},

volume={4},

number={3},

pages={256--278},

year={2006},

publisher={Elsevier}

}

@article{emerson1986efficient,

title={Efficient model checking in fragments of the $\mu$-calculus},

author={Emerson, EA and Lei, C},

journal={IEEE Computer Society},

year={1986}

}

@inproceedings{emerson1980characterizing,

title={Characterizing correctness properties of parallel programs using fixpoints},

author={Emerson, E Allen and Clarke, Edmund M},

booktitle={International Colloquium on Automata, Languages, and Programming},

pages={169--181},

year={1980},

organization={Springer}

}

@inproceedings{janin1995automata,

title={Automata for the modal $\mu$-calculus and related results},

author={Janin, David and Walukiewicz, Igor},

booktitle={International Symposium on Mathematical Foundations of Computer Science},

pages={552--562},

year={1995},

organization={Springer}

}

@inproceedings{szalas2002second,

title={Second-order quantifier elimination in modal contexts},

author={Szalas, Andrzej},

booktitle={European Workshop on Logics in Artificial Intelligence},

pages={223--232},

year={2002},

organization={Springer}

}

@inproceedings{herzig2008uniform,

title={Uniform interpolation by resolution in modal logic},

author={Herzig, Andreas and Mengin, J{\'e}r{\^o}me},

booktitle={European Workshop on Logics in Artificial Intelligence},

pages={219--231},

year={2008},

organization={Springer}

}

@article{fisher2001clausal,

title={Clausal temporal resolution},

author={Fisher, Michael and Dixon, Clare and Peim, Martin},

journal={ACM Transactions on Computational Logic (TOCL)},

volume={2},

number={1},

pages={12--56},

year={2001},

publisher={ACM New York, NY, USA}

}

@article{fisher1997normal,

title={A normal form for temporal logics and its applications in theorem-proving and execution},

author={Fisher, Michael},

journal={Journal of Logic and Computation},

volume={7},

number={4},

pages={429--456},

year={1997},

publisher={Oxford University Press}

}

@inproceedings{fisher1991resolution,

title={A Resolution Method for Temporal Logic.},

author={Fisher, Michael},

booktitle={Ijcai},

volume={91},

pages={99--104},

year={1991},

organization={Citeseer}

}

@article{zhang2014resolution,

title={A resolution calculus for the branching-time temporal logic CTL},

author={Zhang, Lan and Hustadt, Ullrich and Dixon, Clare},

journal={ACM Transactions on Computational Logic (TOCL)},

volume={15},

number={1},

pages={1--38},

year={2014},

publisher={ACM New York, NY, USA}

}

@article{akintunde2017planning,

title={Planning for CTL\*-Specified Temporally Extended Goals via Model Checking},

author={Akintunde, Michael Ewedokun},

year={2017}

}

@inproceedings{giunchiglia1999planning,

title={Planning as model checking},

author={Giunchiglia, Fausto and Traverso, Paolo},

booktitle={European Conference on Planning},

pages={1--20},

year={1999},

organization={Springer}

}

@inproceedings{ding2006ctl,

title={CTL model update: Semantics, computations and implementation},

author={Ding, Yulin and Zhang, Yan},

booktitle={ECAI},

pages={362--366},

year={2006}

}

@inproceedings{ramdani2019r,

title={R-TNCES Rebuilding: A New Method of CTL Model Update for Reconfigurable Systems},

author={Ramdani, Mohamed and Kahloul, Laid and Khalgui, Mohamed and Hafidi, Yousra},

booktitle={Proceedings of the 14th International Conference on Evaluation of Novel Approaches to Software Engineering},

pages={159--168},

year={2019},

organization={SCITEPRESS-Science and Technology Publications, Lda}

}

@article{martinez2016ctl,

title={CTL Model Repair for Inter-organizational Business Processes Modelled as oWFN},

author={Martinez-Araiza, Ulises and L{\'o}pez-Mellado, Ernesto},

journal={IFAC-PapersOnLine},

volume={49},

number={2},

pages={6--11},

year={2016},

publisher={Elsevier}

}

@inproceedings{woodcock1990refinement,

title={Refinement of state-based concurrent systems},

author={Woodcock, Jim CP and Morgan, Carroll},

booktitle={International Symposium of VDM Europe},

pages={340--351},

year={1990},

organization={Springer}

}

@article{dailler2018instrumenting,

title={Instrumenting a weakest precondition calculus for counterexample generation},

author={Dailler, Sylvain and Hauzar, David and March{\'e}, Claude and Moy, Yannick},

journal={Journal of logical and algebraic methods in programming},

volume={99},

pages={97--113},

year={2018},

publisher={Elsevier}

}

@article{eiter2019brief,

title={A Brief Survey on Forgetting from a Knowledge Representation and Reasoning Perspective},

author={Eiter, Thomas and Kern-Isberner, Gabriele},

journal={KI-K{\"u}nstliche Intelligenz},

volume={33},

number={1},

pages={9--33},

year={2019},

publisher={Springer}

}

@book{tremblay1996logic,

title={Logic and Discrete Mathematics: a Computer Science Perspective},

author={Tremblay, Jean-Paul},

year={1996},

publisher={Upper Saddle River, NJ: Prentice Hall}

}

@article{hoare1969axiomatic,

title={An axiomatic basis for computer programming},

author={Hoare, Charles Antony Richard},

journal={Communications of the ACM},

volume={12},

number={10},

pages={576--580},

year={1969},

publisher={ACM}

}

@article{DBLP:journals/aim/Lin18,

author = {Fangzhen Lin},

title = {Machine Theorem Discovery},

journal = {{AI} Magazine},

volume = {39},

number = {2},

pages = {53--59},

year = {2018},

url = {https://www.aaai.org/ojs/index.php/aimagazine/article/view/2794},

timestamp = {Tue, 17 Jul 2018 15:24:15 +0200},

biburl = {https://dblp.org/rec/bib/journals/aim/Lin18},

bibsource = {dblp computer science bibliography, https://dblp.org}

}

@inproceedings{bruggink2011conditional,

title={Conditional reactive systems},

author={Bruggink, HJ and Cauderlier, Rapha{\"e}l and H{\"u}lsbusch, Mathias and K{\"o}nig, Barbara},

booktitle={IARCS Annual Conference on Foundations of Software Technology and Theoretical Computer Science (FSTTCS 2011)},

year={2011},

organization={Schloss Dagstuhl-Leibniz-Zentrum fuer Informatik}

}

@inproceedings{mraihi2011computing,

title={Computing preconditions and postconditions of while loops},

author={Mraihi, Olfa and Ghardallou, Wided and Louhichi, Asma and Jilani, Lamia Labed and Bsaies, Khaled and Mili, Ali},

booktitle={International Colloquium on Theoretical Aspects of Computing},

pages={173--193},

year={2011},

organization={Springer}

}

@incollection{dijkstra1978guarded,

title={Guarded commands, nondeterminacy, and formal derivation of programs},

author={Dijkstra, Edsger W},

booktitle={Programming Methodology},

pages={166--175},

year={1978},

publisher={Springer}

}

@article{fengstrongest,

title={Strongest necessary and weakest sufficient conditions in S5},

author={Feng, Renyan and Wang, Yisong and Chen, Panfeng and Zhou, Jincheng},

publisher={World Scientific}

}

@article{emerson1984deciding,

title={Deciding full branching time logic},

author={Emerson, E Allen and Sistla, A Prasad},

journal={Information and Control},

volume={61},

number={3},

pages={175--201},

year={1984},

publisher={Elsevier}

}

@article{meier2009complexity,

title={The complexity of satisfiability for fragments of CTL and CTL\*},

author={Meier, Arne and Thomas, Michael and Vollmer, Heribert and Mundhenk, Martin},

journal={International Journal of Foundations of Computer Science},

volume={20},

number={05},

pages={901--918},

year={2009},

publisher={World Scientific}

}

@article{lin2003compiling,

title={Compiling causal theories to successor state axioms and STRIPS-like systems},

author={Lin, Fangzhen},

journal={Journal of Artificial Intelligence Research},

volume={19},

pages={279--314},

year={2003}

}

@article{fang2019forgetting,

title={Forgetting in multi-agent modal logics},

author={Fang, Liangda and Liu, Yongmei and Van Ditmarsch, Hans},

journal={Artificial Intelligence},

volume={266},

pages={51--80},

year={2019},

publisher={Elsevier}

}

@article{clarke1994model,

title={Model checking and abstraction},

author={Clarke, Edmund M and Grumberg, Orna and Long, David E},

journal={ACM transactions on Programming Languages and Systems (TOPLAS)},

volume={16},

number={5},

pages={1512--1542},

year={1994},

publisher={ACM}

}

@article{chaki2004modular,

title={Modular verification of software components in C},

author={Chaki, Sagar and Clarke, Edmund M and Groce, Alex and Jha, Somesh and Veith, Helmut},

journal={IEEE Transactions on Software Engineering},

volume={30},

number={6},

pages={388--402},

year={2004},

publisher={IEEE}

}

@article{bobrow1997special,

title={Special issue on relevance 97 (1-2)},

author={Bobrow, Daniel G and Subramanian, Devika and Greiner, Russell and Pearl, Judea},

journal={Artificial Intelligence Journal},

year={1997}

}

@article{emerson1986sometimes,

title={``Sometimes" and ``not never" revisited: on branching versus linear time temporal logic},

author={Emerson, E Allen and Halpern, Joseph Y},

journal={Journal of the ACM (JACM)},

volume={33},

number={1},

pages={151--178},

year={1986},

publisher={ACM}

}

@inproceedings{clarke1981design,

title={Design and synthesis of synchronization skeletons using branching time temporal logic},

author={Clarke, Edmund M and Emerson, E Allen},

booktitle={Workshop on Logic of Programs},

pages={52--71},

year={1981},

organization={Springer}

}

@inproceedings{pnueli1977temporal,

title={The temporal logic of programs},

author={Pnueli, Amir},

booktitle={18th Annual Symposium on Foundations of Computer Science (sfcs 1977)},

pages={46--57},

year={1977},

organization={IEEE}

}

@article{laroussinie2014quantified,

title={Quantified CTL: expressiveness and complexity},

author={Laroussinie, Fran{\c{c}}ois and Markey, Nicolas},

journal={arXiv preprint arXiv:1411.4332},

year={2014}

}

@article{baader1995multi,

title={A multi-dimensional terminological knowledge representation language},

author={Baader, Franz and Ohlbach, Hans Ju{\"u}rgen},

journal={Journal of Applied Non-Classical Logics},

volume={5},

number={2},

pages={153--197},

year={1995},

publisher={Taylor \& Francis}

}

@inproceedings{schild1993combining,

title={Combining terminological logics with tense logic},

author={Schild, Klaus},

booktitle={Portuguese Conference on Artificial Intelligence},

pages={105--120},

year={1993},

organization={Springer}

}

@book{fagin2004reasoning,

title={Reasoning about knowledge},

author={Fagin, Ronald and Halpern, Joseph Y and Moses, Yoram and Vardi, Moshe},

year={2004},

publisher={MIT press}

}

@article{sernadas1980temporal,

title={Temporal aspects of logical procedure definition},

author={Sernadas, Amilcar},

journal={Information systems},

volume={5},

number={3},

pages={167--187},

year={1980},

publisher={Elsevier}

}

@techreport{abiteboul1996temporal,

title={Temporal versus first-order logic to query temporal databases},

author={Abiteboul, Serge and Herr, Laurent and Bussche, J},

year={1996},

institution={Stanford InfoLab}

}

@article{chomicki1995feasibility,

title={On the feasibility of checking temporal integrity constraints},

author={Chomicki, Jan and Niwinski, Damian},

journal={Journal of Computer and System Sciences},

volume={51},

number={3},

pages={523--535},

year={1995},

publisher={Elsevier}

}

@inproceedings{chomicki1994temporal,

title={Temporal query languages: a survey},

author={Chomicki, Jan},

booktitle={International Conference on Temporal Logic},

pages={506--534},

year={1994},

organization={Springer}

}

@incollection{pnueli1986applications,

title={Applications of temporal logic to the specification and verification of reactive systems: a survey of current trends},

author={Pnueli, Amir},

booktitle={Current trends in Concurrency},

pages={510--584},

year={1986},

publisher={Springer}

}

@book{manna1995temporal,

title={Temporal Verification of Reactive Systems: Safety},

author={Manna, Zohar and Pnueli, Amir},

volume={2},

year={1995},

publisher={Springer Science \& Business Media}

}

@article{pnueli1992temporal,

title={The temporal logic of reactive and concurrent systems},

author={Pnueli, Amir and Manna, Zohar},

journal={Springer},

volume={16},

pages={12},

year={1992},

publisher={Springer}

}

@article{hodkinson2000decidable,

title={Decidable fragments of first-order temporal logics},

author={Hodkinson, Ian and Wolter, Frank and Zakharyaschev, Michael},

journal={Annals of Pure and Applied logic},

volume={106},

number={1-3},

pages={85--134},

year={2000},

publisher={Elsevier}

}

@techreport{chaki2004expressive,

title={An expressive verification framework for state/event systems},

author={Chaki, Sagar and Clarke, Edmund and Grumberg, Orna and Ouaknine, Jo{\"e}l and Sharygina, Natasha and Touili, Tayssir and Veith, Helmut},

year={2004},

institution={CARNEGIE-MELLON UNIV PITTSBURGH PA SCHOOL OF COMPUTER SCIENCE}

}

@article{chaki2005concurrent,

title={Concurrent software verification with states, events, and deadlocks},

author={Chaki, Sagar and Clarke, Edmund and Ouaknine, Jo{\"e}l and Sharygina, Natasha and Sinha, Nishant},

journal={Formal Aspects of Computing},

volume={17},

number={4},

pages={461--483},

year={2005},

publisher={Springer}

}

@inproceedings{ghosh2016arsenal,

title={ARSENAL: automatic requirements specification extraction from natural language},

author={Ghosh, Shalini and Elenius, Daniel and Li, Wenchao and Lincoln, Patrick and Shankar, Natarajan and Steiner, Wilfried},

booktitle={NASA Formal Methods Symposium},

pages={41--46},

year={2016},

organization={Springer}

}

@article{Benthem1977Modal,

title={Modal Correspondence Theory},

author={Benthem, van J. F. A. K},

year={1977},

}

@incollection{emerson1990temporal,

title={Temporal and modal logic},

author={Emerson, E Allen},

booktitle={Formal Models and Semantics},

pages={995--1072},

year={1990},

publisher={Elsevier}

}

@inproceedings{zhang2009refined,

title={A refined resolution calculus for CTL},

author={Zhang, Lan and Hustadt, Ullrich and Dixon, Clare},

booktitle={International Conference on Automated Deduction},

pages={245--260},

year={2009},

organization={Springer}

}

@phdthesis{bolotov2000clausal,

title={Clausal resolution for branching-time temporal logic.},

author={Bolotov, Alexander},

year={2000},

school={Manchester Metropolitan University}

}

@techreport{zhang2008first,

title={First-order Resolution for CTL},

author={Zhang, Lan and Hustadt, Ullrich and Dixon, Clare},

year={2008},

institution={Citeseer}

}

@article{Bolotov:1999:JETAI,

author = { Alexander Bolotov },

title = {A clausal resolution method for CTL branching-time temporal logic},

journal = {Journal of Experimental \& Theoretical Artificial Intelligence},

volume = {11},

number = {1},

pages = {77-93},

year = {1999},

publisher = {Taylor & Francis},

doi = {10.1080/095281399146625},

}

@article{DBLP:journals/tcs/BrowneCG88,

author = {Michael C. Browne and

Edmund M. Clarke and

Orna Grumberg},

title = {Characterizing Finite Kripke Structures in Propositional Temporal

Logic},

journal = {Theor. Comput. Sci.},

volume = {59},

pages = {115--131},

year = {1988},

url = {https://doi.org/10.1016/0304-3975(88)90098-9},

doi = {10.1016/0304-3975(88)90098-9},

timestamp = {Sun, 28 May 2017 13:20:06 +0200},

biburl = {https://dblp.org/rec/bib/journals/tcs/BrowneCG88},

bibsource = {dblp computer science bibliography, https://dblp.org}

}

@BOOK{Baier:PMC:2008,

AUTHOR = {Christel Baier and JoostPieter Katoen},

TITLE = {Principles of Model Checking},

PUBLISHER = {The MIT Press},

YEAR = {2008}

}

@article{browne1988characterizing,

title={Characterizing finite Kripke structures in propositional temporal logic},

author={Browne, Michael C. and Clarke, Edmund M. and Gr{\"u}mberg, Orna},

journal={Theoretical Computer Science},

volume={59},

number={1-2},

pages={115--131},

year={1988},

publisher={Elsevier}

}

@article{DBLP:journals/ai/Lin01,

author = {Fangzhen Lin},

title = {On strongest necessary and weakest sufficient conditions},

journal = {Artif. Intell.},

volume = {128},

number = {1-2},

pages = {143--159},

year = {2001},

url = {https://doi.org/10.1016/S0004-3702(01)00070-4},

doi = {10.1016/S0004-3702(01)00070-4},

timestamp = {Sat, 27 May 2017 14:24:42 +0200},

biburl = {https://dblp.org/rec/bib/journals/ai/Lin01},

bibsource = {dblp computer science bibliography, https://dblp.org}

}

@article{DBLP:journals/jair/Delgrande17,

author = {James P. Delgrande},

title = {A Knowledge Level Account of Forgetting},

journal = {J. Artif. Intell. Res.},

volume = {60},

pages = {1165--1213},

year = {2017},

url = {https://doi.org/10.1613/jair.5530},

doi = {10.1613/jair.5530},

timestamp = {Mon, 21 Jan 2019 15:01:17 +0100},

biburl = {https://dblp.org/rec/bib/journals/jair/Delgrande17},

bibsource = {dblp computer science bibliography, https://dblp.org}

}

@inproceedings{zhao2017role,

title={Role forgetting for ALCOQH ($\Delta$)-ontologies using an ackermann-based approach},

author={Zhao, Yizheng and Schmidt, Renate A},

booktitle={Proceedings of the 26th International Joint Conference on Artificial Intelligence},

pages={1354--1361},

year={2017},

organization={AAAI Press}

}

@inproceedings{konev2009forgetting,

title={Forgetting and uniform interpolation in large-scale description logic terminologies},

author={Konev, Boris and Walther, Dirk and Wolter, Frank},

booktitle={Twenty-First International Joint Conference on Artificial Intelligence},

year={2009}

}

@INPROCEEDINGS{ZhaoSchmidt18a,

AUTHOR = {Zhao, Y. and Schmidt, R. A.},

YEAR = {2018},

TITLE = {FAME: An Automated Tool for Semantic Forgetting in Expressive Description Logics},

EDITOR = {Galmiche, D. and Schulz, S. and Sebastiani, R.},

BOOKTITLE = {Automated Reasoning (IJCAR 2018)},

SERIES = {Lecture Notes in Artificial Intelligence},

VOLUME = {10900},

PUBLISHER = {Springer},

PAGES = {19--27},

DOI = {https://doi.org/10.1007/978-3-319-94205-6\\_2},

URL = {http://www.cs.man.ac.uk/~schmidt/publications/ZhaoSchmidt18a.html}

}

@article{DBLP:journals/toplas/ClarkeES86,

author = {Edmund M. Clarke and

E. Allen Emerson and

A. Prasad Sistla},

title = {Automatic Verification of Finite-State Concurrent Systems Using Temporal

Logic Specifications},

journal = {{ACM} Trans. Program. Lang. Syst.},

volume = {8},

number = {2},

pages = {244--263},

year = {1986},

url = {https://doi.org/10.1145/5397.5399},

doi = {10.1145/5397.5399},

timestamp = {Wed, 14 Nov 2018 10:30:40 +0100},

biburl = {https://dblp.org/rec/bib/journals/toplas/ClarkeES86},

bibsource = {dblp computer science bibliography, https://dblp.org}

}

@BOOK{Huth:BOOK:1999,

AUTHOR = {Michael Huth},

TITLE = {LOGIC IN COMPUTER SCIENCE Modelling and Reasoning about Systems},

PUBLISHER = {Cambridge University Press},

YEAR = {1999},

edition = {2nd},

}

@inproceedings{lin1994forget,

title={Forget it},

author={Lin, Fangzhen and Reiter, Ray},

booktitle={Working Notes of AAAI Fall Symposium on Relevance},

pages={154--159},

year={1994}

}

@book{Lang2010Reasoning,

title={Reasoning under inconsistency: a forgetting-based approach},

author={Lang, Jerome and Marquis, Pierre},

publisher={Elsevier Science Publishers Ltd},

pages={799-823},

year={2010},

}

@inproceedings{Zhang2005Solving,

title={Solving Logic Program Conflict through Strong and Weak Forgettings},

author={Zhang, Yan and Foo, Norman Y. and Wang, Kewen},

booktitle={Ijcai-05, Proceedings of the Nineteenth International Joint Conference on Artificial Intelligence, Edinburgh, Scotland, Uk, July 30-August},

pages={627-634},

year={2005},

}

@article{Zhang2009Knowledge,

title={Knowledge forgetting: Properties and applications},

author={Zhang, Yan and Zhou, Yi},

journal={Artificial Intelligence},

volume={173},

number={16},

pages={1525-1537},

year={2009},

}

@inproceedings{Bienvenu2010Knowledge,

title={Knowledge Compilation in the Modal Logic S5},

author={Bienvenu, Meghyn and Fargier, H{\'e}lene and Marquis, Pierre},

booktitle={Twenty-Fourth AAAI Conference on Artificial Intelligence, AAAI 2010, Atlanta, Georgia, Usa, July},

pages={261-266},

year={2010},

}

@article{Lang2008On,

title={On propositional definability},

author={Lang, Jerome and Marquis, Pierre},

journal={Artificial Intelligence},

volume={172},

number={8},

pages={991-1017},

year={2008},

}

@article{lin2001strongest,

author={Lin, Fangzhen},

title={On strongest necessary and weakest sufficient conditions},

publisher={Elsevier},

journal={Artificial Intelligence},

volume={128},

number={1},

pages={143--159},

year={2001},

}

@book{Marquis2003Propositional,

title={Propositional independence: formula-variable independence and forgetting},

author={Marquis, Pierre},

publisher={AI Access Foundation},

pages={391-443},

year={2003},

}

@book{Eiter2008Semantic,

title={Semantic forgetting in answer set programming},

author={Eiter, Thomas and Wang, Kewen},

publisher={Elsevier Science Publishers Ltd.},

pages={1644-1672},

year={2008},

}

%------------------------------ÉÏÃæµÄÒÑÓÐ-------

@article{DBLP:journals/jcss/EmersonH85,

author = {E. Allen Emerson and

Joseph Y. Halpern},

title = {Decision Procedures and Expressiveness in the Temporal Logic of Branching

Time},

journal = {J. Comput. Syst. Sci.},

volume = {30},

number = {1},

pages = {1--24},

year = {1985},

url = {https://doi.org/10.1016/0022-0000(85)90001-7},

doi = {10.1016/0022-0000(85)90001-7},

timestamp = {Wed, 14 Nov 2018 10:33:58 +0100},

biburl = {https://dblp.org/rec/bib/journals/jcss/EmersonH85},

bibsource = {dblp computer science bibliography, https://dblp.org}

}

@article{clarice1986synthesis,

title={Synthesis of synchronization skeletons for branching time temporal logic},

author={Clarice, EM and Emerson, EA},

journal={ACM Transactions on Programming Languages and Systems},

volume={8},

number={2},

pages={244--263},

year={1986}

}

@article{meier2009complexity,

title={The complexity of satisfiability for fragments of CTL and CTL\({}^{\mbox{{\(\star\)}}}\)},

author={Meier, Arne and Thomas, Michael and Vollmer, Heribert and Mundhenk, Martin},

journal={International Journal of Foundations of Computer Science},

volume={20},

number={05},

pages={901--918},

year={2009},

publisher={World Scientific}

}

@article{DBLP:journals/ijfcs/MeierTVM15,

author = {Arne Meier and

Michael Thomas and

Heribert Vollmer and

Martin Mundhenk},

title = {Erratum: The Complexity of Satisfiability for Fragments of {CTL} and

CTL\({}^{\mbox{{\(\star\)}}}\)},

journal = {Int. J. Found. Comput. Sci.},

volume = {26},

number = {8},

pages = {1189},

year = {2015},

url = {https://doi.org/10.1142/S012905411592001X},

doi = {10.1142/S012905411592001X},

timestamp = {Sat, 27 May 2017 14:23:38 +0200},

biburl = {https://dblp.org/rec/bib/journals/ijfcs/MeierTVM15},

bibsource = {dblp computer science bibliography, https://dblp.org}

}

@article{DBLP:journals/jetai/BolotovF99,

author = {Alexander Bolotov and

Michael Fisher},

title = {A clausal resolution method for {CTL} branching-time temporal logic},

journal = {J. Exp. Theor. Artif. Intell.},

volume = {11},

number = {1},

pages = {77--93},

year = {1999},

url = {https://doi.org/10.1080/095281399146625},

doi = {10.1080/095281399146625},

timestamp = {Fri, 02 Nov 2018 09:31:19 +0100},

biburl = {https://dblp.org/rec/bib/journals/jetai/BolotovF99},

bibsource = {dblp computer science bibliography, https://dblp.org}

}

@incollection{DBLP:reference/mc/ClarkeHV18,

author = {Edmund M. Clarke and

Thomas A. Henzinger and

Helmut Veith},

title = {Introduction to Model Checking},

booktitle = {Handbook of Model Checking.},

pages = {1--26},

year = {2018},

crossref = {DBLP:reference/mc/ClarkeHV18},

url = {https://doi.org/10.1007/978-3-319-10575-8\\_1},

doi = {10.1007/978-3-319-10575-8\\_1},

timestamp = {Tue, 29 May 2018 12:30:27 +0200},

biburl = {https://dblp.org/rec/bib/reference/mc/ClarkeHV18},

bibsource = {dblp computer science bibliography, https://dblp.org}

}

@inproceedings{DBLP:conf/csl/GheerbrantC09,

author = {Am{\'{e}}lie Gheerbrant and

Balder ten Cate},

title = {Craig Interpolation for Linear Temporal Languages},

booktitle = {Computer Science Logic, 23rd international Workshop, {CSL} 2009, 18th

Annual Conference of the EACSL, Coimbra, Portugal, September 7-11,

2009. Proceedings},

pages = {287--301},

year = {2009},

crossref = {DBLP:conf/csl/2009},

url = {https://doi.org/10.1007/978-3-642-04027-6\\_22},

doi = {10.1007/978-3-642-04027-6\\_22},

timestamp = {Fri, 02 Jun 2017 20:49:36 +0200},

biburl = {https://dblp.org/rec/bib/conf/csl/GheerbrantC09},

bibsource = {dblp computer science bibliography, https://dblp.org}

}

@inproceedings{Zhang2008Properties,

author = {Zhang, Yan and Zhou, Yi},

title = {Properties of Knowledge Forgetting},

booktitle = {Proceedings of the Twelfth International Workshop on Non-Monotonic Reasoning},

year = {2008},

editor = {Maurice Pagnucco and Michael Thielscher},

pages = {68-75},

address = {Sydney, Australia}

}

@article{DBLP:journals/jair/LangLM03,

author = {J{\'{e}}r{\^{o}}me Lang and

Paolo Liberatore and

Pierre Marquis},

title = {Propositional Independence: Formula-Variable Independence and Forgetting},

journal = {J. Artif. Intell. Res.},

volume = {18},

pages = {391--443},

year = {2003},

url = {https://doi.org/10.1613/jair.1113},

doi = {10.1613/jair.1113},

timestamp = {Mon, 21 Jan 2019 15:01:17 +0100},

biburl = {https://dblp.org/rec/bib/journals/jair/LangLM03},

bibsource = {dblp computer science bibliography, https://dblp.org}

}

@article{ENJALBERT:TCS:1989,

title = "Modal resolution in clausal form",

journal = "Theoretical Computer Science",

volume = "65",

number = "1",

pages = "1 - 33",

year = "1989",

issn = "0304-3975",

doi = "https://doi.org/10.1016/0304-3975(89)90137-0",

url = "http://www.sciencedirect.com/science/article/pii/0304397589901370",

author = "Patrice Enjalbert and Luis Farinas del Cerro",

}

@article{CHEN:TCS:1994,

title = "The computational complexity of the satisfiability of modal Horn clauses for modal propositional logics",

journal = "Theoretical Computer Science",

volume = "129",

number = "1",

pages = "95 - 121",

year = "1994",

issn = "0304-3975",

doi = "https://doi.org/10.1016/0304-3975(94)90082-5",

url = "http://www.sciencedirect.com/science/article/pii/0304397594900825",

author = "Cheng-Chia Chen and I-Peng Lin",

}

@BOOK{Hughes:1996:ML,

AUTHOR = {G. E. Hughes and M. J. Cresswell},

TITLE = {A New Introduction to Modal Logic},

PUBLISHER = {Routledge},

YEAR = {1996},

}

@article{DBLP:journals/tcs/ChenL94,

author = {Cheng{-}Chia Chen and

I{-}Peng Lin},

title = {The Computational Complexity of the Satisfiability of Modal Horn Clauses

for Modal Propositional Logics},

journal = {Theor. Comput. Sci.},

volume = {129},

number = {1},

pages = {95--121},

year = {1994},

url = {https://doi.org/10.1016/0304-3975(94)90082-5},

doi = {10.1016/0304-3975(94)90082-5},

timestamp = {Sun, 28 May 2017 13:20:04 +0200},

biburl = {https://dblp.org/rec/bib/journals/tcs/ChenL94},

bibsource = {dblp computer science bibliography, https://dblp.org}

}

@ARTICLE{Kolda:SIAM:2009,

author = {Tamara G. Kolda and Brett W. Bader},

title = {Tensor Decompositions and Applications},

journal = {SIAM REVIEW},

year = {2009},

volume = {51},

number = {3},

pages = {455--500}

}

@article{AlonsoJimenez:2018:JLAMP,

title = "A logic-algebraic tool for reasoning with Knowledge-Based Systems",

journal = "Journal of Logical and Algebraic Methods in Programming",

volume = "101",

pages = "88 - 109",

year = "2018",

issn = "2352-2208",

doi = "https://doi.org/10.1016/j.jlamp.2018.09.001",

url = "http://www.sciencedirect.com/science/article/pii/S2352220817302146",

author = "Jos\'{e} A. Alonso-Jim\'{e}nez and Gonzalo A. Aranda-Corral

and Joaqu\'{i}n Borrego-D\'{i}az and M. Magdalena Fern\'{a}ndez-Lebr\'{o}n and M. Jos\'{e} Hidalgo-Doblado",

keywords = "Polynomial semantics, Symbolic computing, Automated deduction, Knowledge-Based Systems",

}

@article{Wrona:2019:TOCL,

author = {Wrona, Micha\l},

title = {The Complexity of Minimal Inference Problem for Conservative Constraint Languages},

journal = {ACM Trans. Comput. Logic},

issue\_date = {March 2019},

volume = {20},

number = {2},

month = feb,

year = {2019},

issn = {1529-3785},

pages = {8:1--8:35},

articleno = {8},

numpages = {35},

url = {http://doi.acm.org/10.1145/3301410},

doi = {10.1145/3301410},

acmid = {3301410},

publisher = {ACM},

address = {New York, NY, USA},

}

@ARTICLE{Silver:Nature:2016,

AUTHOR = {David Silver and Aja Huang and Chris J. Maddison and Arthur Guez

and Laurent Sifre and George van den Driessche and Julian Schrittwieser

and Ioannis Antonoglou and Veda Panneershelvam and Marc Lanctot

and Sander Dieleman and Dominik Grewe and John Nham and Nal Kalchbrenner

and Ilya Sutskever and Timothy Lillicrap and Madeleine Leach and Koray Kavukcuoglu

and Thore Graepel and Demis Hassabis},

TITLE = {Mastering the game of Go with deep neural networks and tree search},

JOURNAL = {Nature},

YEAR = {2016},

volume = {529},

pages = {484¨C489},

}

@ARTICLE{Silver:Science:2018,

AUTHOR = {David Silver and Aja Huang and Chris J. Maddison and Arthur Guez and Laurent Sifre

and George van den Driessche and Julian Schrittwieser and Ioannis Antonoglou and

Veda Panneershelvam and Marc Lanctot and Sander Dieleman and Dominik Grewe and John Nham

and Nal Kalchbrenner and Ilya Sutskever and Timothy Lillicrap and Madeleine Leach

and Koray Kavukcuoglu and Thore Graepel and Demis Hassabis},

TITLE = {Mastering the game of Go with deep neural networks and tree search},

JOURNAL = {Nature},

YEAR = {2018},

volume = {529},

pages = {484 - 489},

}

@ARTICLE{Silver:Nature:2017,

AUTHOR = {David Silver and Julian Schrittwieser and Karen Simonyan

and Ioannis Antonoglou and Aja Huang and Arthur Guez

and Thomas Hubert and Lucas Baker and Matthew Lai

and Adrian Bolton and Yutian Chen and Timothy Lillicrap

and Fan Hui and Laurent Sifre and George van den Driessche

and Thore Graepel and Demis Hassabis},

TITLE = {Mastering the game of Go without human knowledge},

JOURNAL = {Nature},

YEAR = {2017},

volume = {550},

pages = {354 - 359},

}

@article {Brown:Science:2018,

author = {Brown, Noam and Sandholm, Tuomas},

title = {Superhuman AI for heads-up no-limit poker: Libratus beats top professionals},

volume = {359},

number = {6374},

pages = {418--424},

year = {2018},

doi = {10.1126/science.aao1733},

publisher = {American Association for the Advancement of Science},

abstract = {Pitting artificial intelligence (AI) against top human players demonstrates just how far AI has come. Brown and Sandholm built a poker-playing AI called Libratus that decisively beat four leading human professionals in the two-player variant of poker called heads-up no-limit Texas hold{\textquoteright}em (HUNL). Over nearly 3 weeks, Libratus played 120,000 hands of HUNL against the human professionals, using a three-pronged approach that included precomputing an overall strategy, adapting the strategy to actual gameplay, and learning from its opponent.Science, this issue p. 418No-limit Texas hold{\textquoteright}em is the most popular form of poker. Despite artificial intelligence (AI) successes in perfect-information games, the private information and massive game tree have made no-limit poker difficult to tackle. We present Libratus, an AI that, in a 120,000-hand competition, defeated four top human specialist professionals in heads-up no-limit Texas hold{\textquoteright}em, the leading benchmark and long-standing challenge problem in imperfect-information game solving. Our game-theoretic approach features application-independent techniques: an algorithm for computing a blueprint for the overall strategy, an algorithm that fleshes out the details of the strategy for subgames that are reached during play, and a self-improver algorithm that fixes potential weaknesses that opponents have identified in the blueprint strategy.},

issn = {0036-8075},

URL = {http://science.sciencemag.org/content/359/6374/418},

eprint = {http://science.sciencemag.org/content/359/6374/418.full.pdf},

journal = {Science}

}

@ARTICLE{Shuman:CLR:1971,

AUTHOR = {Shuman Samuel I},

TITLE = {Justification of Judicial Decisions.},

JOURNAL = {California Law Review},

YEAR = {1971},

volume = {59},

number = {3},

pages = {715-732},

doi = {doi:10.2307/3479599}

}

@article{doi:10.1086/291676,

author = {Sartorius Rolf},

title = {The Justification of the Judicial Decision},

journal = {Ethics},

volume = {78},

number = {3},

pages = {171-187},

year = {1968},

doi = {10.1086/291676},

}

@Article{Eiter:2018:KI,

author="Eiter, Thomas

and Kern-Isberner, Gabriele",

title="A Brief Survey on Forgetting from a Knowledge Representation and Reasoning Perspective",

journal="KI - K{\"u}nstliche Intelligenz",

year="2018",

month="Nov",

day="01",

pages="1-29",

issn="1610-1987",

doi="10.1007/s13218-018-0564-6",

url="https://doi.org/10.1007/s13218-018-0564-6"

}

@article{DBLP:journals/jair/RomeroKGH16,

author = {Ana Armas Romero and

Mark Kaminski and

Bernardo Cuenca Grau and

Ian Horrocks},

title = {Module Extraction in Expressive Ontology Languages via Datalog Reasoning},

journal = {J. Artif. Intell. Res.},

volume = {55},

pages = {499--564},

year = {2016},

url = {https://doi.org/10.1613/jair.4898},

doi = {10.1613/jair.4898},

timestamp = {Mon, 21 Jan 2019 15:01:17 +0100},

biburl = {https://dblp.org/rec/bib/journals/jair/RomeroKGH16},

bibsource = {dblp computer science bibliography, https://dblp.org}

}

@inproceedings{Zhao:2017:IJCAI,

author = {Zhao, Yizheng and Schmidt, Renate A.},

title = {Role Forgetting for ALCOQH({$\Delta$})-ontologies Using an Ackermann-based Approach},

booktitle = {Proceedings of the 26th International Joint Conference on Artificial Intelligence},

series = {IJCAI'17},

year = {2017},

isbn = {978-0-9992411-0-3},

location = {Melbourne, Australia},

pages = {1354--1361},

numpages = {8},

url = {http://dl.acm.org/citation.cfm?id=3171642.3171834},

acmid = {3171834},

publisher = {AAAI Press},

}

@INPROCEEDINGS{Yisong:FLINS:2018a,

AUTHOR = {Yisong Wang and Hong Liu and Ying Zhang and Mingyi Zhang and Danning Li},

TITLE = {Logical Difference of Propositional Theories},

BOOKTITLE = {The 13th International FLINS Conference on Data Science and Knowledge Engineering for Sensing Decision Support},

YEAR = {2018},

editor = {Jun Liu and Jie Lu},

pages = {798-805},

address = {Northern Ireland, UK},

publisher = {World Scientific},

}

@inproceedings{DBLP:conf/aaai/KautzKS93,

author = {Henry A. Kautz and

Michael J. Kearns and

Bart Selman},

title = {Reasoning With Characteristic Models},

booktitle = {Proceedings of the 11th National Conference on Artificial Intelligence.

Washington, DC, USA, July 11-15, 1993.},

pages = {34--39},

year = {1993},

crossref = {DBLP:conf/aaai/1993},

url = {http://www.aaai.org/Library/AAAI/1993/aaai93-006.php},

timestamp = {Tue, 11 Dec 2012 17:40:40 +0100},

biburl = {https://dblp.org/rec/bib/conf/aaai/KautzKS93},

bibsource = {dblp computer science bibliography, https://dblp.org}

}

@proceedings{DBLP:conf/aaai/1993,

editor = {Richard Fikes and

Wendy G. Lehnert},

title = {Proceedings of the 11th National Conference on Artificial Intelligence.

Washington, DC, USA, July 11-15, 1993},

publisher = {{AAAI} Press / The {MIT} Press},

year = {1993},

url = {http://www.aaai.org/Conferences/AAAI/aaai93.php},

isbn = {0-262-51071-5},

timestamp = {Thu, 01 Dec 2011 17:16:21 +0100},

biburl = {https://dblp.org/rec/bib/conf/aaai/1993},

bibsource = {dblp computer science bibliography, https://dblp.org}

}

@article{DBLP:journals/jsyml/McKinsey43,

author = {J. C. C. McKinsey},

title = {The Decision Problem for Some Classes of Sentences Without Quantifiers},

journal = {J. Symb. Log.},

volume = {8},

number = {2},

pages = {61--76},

year = {1943},

url = {https://doi.org/10.2307/2268172},

doi = {10.2307/2268172},

timestamp = {Sun, 28 May 2017 13:21:52 +0200},

biburl = {https://dblp.org/rec/bib/journals/jsyml/McKinsey43},

bibsource = {dblp computer science bibliography, https://dblp.org}

}

@inproceedings{DBLP:conf/aaai/WangSS05,

author = {Kewen Wang and

Abdul Sattar and

Kaile Su},

title = {A Theory of Forgetting in Logic Programming},

booktitle = {Proceedings, The Twentieth National Conference on Artificial Intelligence

and the Seventeenth Innovative Applications of Artificial Intelligence

Conference, July 9-13, 2005, Pittsburgh, Pennsylvania, {USA}},

pages = {682--688},

year = {2005},

crossref = {DBLP:conf/aaai/2005},

url = {http://www.aaai.org/Library/AAAI/2005/aaai05-107.php},

timestamp = {Mon, 06 Nov 2017 02:05:53 +0100},

biburl = {https://dblp.org/rec/bib/conf/aaai/WangSS05},

bibsource = {dblp computer science bibliography, https://dblp.org}

}

@proceedings{DBLP:conf/aaai/2005,

editor = {Manuela M. Veloso and

Subbarao Kambhampati},

title = {Proceedings, The Twentieth National Conference on Artificial Intelligence

and the Seventeenth Innovative Applications of Artificial Intelligence

Conference, July 9-13, 2005, Pittsburgh, Pennsylvania, {USA}},

publisher = {{AAAI} Press / The {MIT} Press},

year = {2005},

isbn = {1-57735-236-X},

timestamp = {Mon, 26 Feb 2007 09:10:53 +0100},

biburl = {https://dblp.org/rec/bib/conf/aaai/2005},

bibsource = {dblp computer science bibliography, https://dblp.org}

}

@ARTICLE{Mizera:TCBB:2019,

author={A. {Mizera} and J. {Pang} and H. {Qu} and Q. {Yuan}},

journal={IEEE/ACM Transactions on Computational Biology and Bioinformatics},

title={Taming Asynchrony for Attractor Detection in Large Boolean Networks},

year={2019},

volume={16},

number={1},

pages={31-42},

keywords={Biological system modeling;Biological systems;Boolean functions;Computational modeling;Explosions;Asynchronous Boolean networks;gene regulatory networks;strongly connected components;binary decision diagram;attractor detection},

doi={10.1109/TCBB.2018.2850901},

ISSN={1545-5963},

month={Jan},

}

@Article{Christoph:BI:2010,

title = {BoolNet -- an R package for generation, reconstruction and

analysis of Boolean networks},

author = {Christoph M\"ussel and Martin Hopfensitz and Hans A.

Kestler},

journal = {Bioinformatics},

volume = {26},

number = {10},

pages = {1378--1380},

year = {2010},

}

@article{BARBOSA:BioS:2018,

title = "A guide to gene regulatory network inference for obtaining predictive solutions: Underlying assumptions and fundamental biological and data constraints",

journal = "Biosystems",

volume = "174",

pages = "37 - 48",

year = "2018",

issn = "0303-2647",

doi = "https://doi.org/10.1016/j.biosystems.2018.10.008",

url = "http://www.sciencedirect.com/science/article/pii/S0303264718302843",

author = "Sara Barbosa and Bastian Niebel and Sebastian Wolf and Klaus Mauch and Ralf Takors",

keywords = "Gene Regulatory Network Inference, Regression, Information theory, Bayesian networks, Boolean networks, Neural networks",

}

@article{Liang:1998:PSB,

title = "Reveal, a general reverse engineering algorithm for inference of genetic network architectures.",

author = "Shoudan Liang and S. Fuhrman and R. Somogyi",

year = "1998",

language = "English (US)",

pages = "18--29",

journal = "Pacific Symposium on Biocomputing. Pacific Symposium on Biocomputing",

issn = "2335-6936",

}

@article{Ifigeneia:arXiv:2018,

author = {Ifigeneia Apostolopoulou and

Diana Marculescu},

title = {Tractable Learning and Inference for Large-Scale Probabilistic Boolean

Networks},

journal = {CoRR},

volume = {abs/1801.07693},

year = {2018},

url = {http://arxiv.org/abs/1801.07693},

archivePrefix = {arXiv},

eprint = {1801.07693},

timestamp = {Mon, 13 Aug 2018 16:48:52 +0200},

biburl = {https://dblp.org/rec/bib/journals/corr/abs-1801-07693},

bibsource = {dblp computer science bibliography, https://dblp.org}

}

@article{DBLP:journals/ejbsb/OuyangFSDL14,

author = {Hongjia Ouyang and

Jie Fang and

Liangzhong Shen and

Edward R. Dougherty and

Wenbin Liu},

title = {Learning restricted Boolean network model by time-series data},

journal = {{EURASIP} J. Bioinformatics and Systems Biology},

volume = {2014},

pages = {10},

year = {2014},

url = {https://doi.org/10.1186/s13637-014-0010-5},

doi = {10.1186/s13637-014-0010-5},

timestamp = {Wed, 14 Nov 2018 10:34:16 +0100},

biburl = {https://dblp.org/rec/bib/journals/ejbsb/OuyangFSDL14},

bibsource = {dblp computer science bibliography, https://dblp.org}

}

@Article{Nam:JML:2006,

author="Nam, Dougu

and Seo, Seunghyun

and Kim, Sangsoo",

title="An efficient top-down search algorithm for learning Boolean networks of gene expression",

journal="Machine Learning",

year="2006",

month="Oct",

day="01",

volume="65",

number="1",

pages="229--245",

issn="1573-0565",

doi="10.1007/s10994-006-9014-z",

url="https://doi.org/10.1007/s10994-006-9014-z"

}

@article{Broeck:PhysRevA:1990,

title = {Learning in feedforward Boolean networks},

author = {Van den Broeck, C. and Kawai, R.},

journal = {Phys. Rev. A},

volume = {42},

issue = {10},

pages = {6210--6218},

year = {1990},

month = {Nov},

publisher = {American Physical Society},

doi = {10.1103/PhysRevA.42.6210},

url = {https://link.aps.org/doi/10.1103/PhysRevA.42.6210}

}

@Article{Harri:JML:2003,

author="L{\"a}hdesm{\"a}ki, Harri

and Shmulevich, Ilya

and Yli-Harja, Olli",

title="On Learning Gene Regulatory Networks Under the Boolean Network Model",

journal="Machine Learning",

year="2003",

month="Jul",

day="01",

volume="52",

number="1",

pages="147--167",

issn="1573-0565",

doi="10.1023/A:1023905711304",

url="https://doi.org/10.1023/A:1023905711304",

}

@article{Eppe:AIJ:2018,

title = "A computational framework for conceptual blending",

journal = "Artificial Intelligence",

volume = "256",

pages = "105 - 129",

year = "2018",

issn = "0004-3702",

doi = "https://doi.org/10.1016/j.artint.2017.11.005",

url = "http://www.sciencedirect.com/science/article/pii/S000437021730142X",

author = "Manfred Eppe and Ewen Maclean and Roberto Confalonieri and Oliver Kutz and Marco Schorlemmer and Enric Plaza and Kai-Uwe Kuhnberger",

}

@PHDTHESIS{Ribeiro:PhD:thesis:2015,

AUTHOR = {Tony Ribeiro},

TITLE = {Studies on Learning Dynamics of Systems from State Transitions},

SCHOOL = {The Graduate University for Advanced Studies},

YEAR = {2015},

}

@PHDTHESIS{Law:PhD:thesis:2018,

AUTHOR = {Mark Law},

TITLE = {Inductive learning of answer set programs},

SCHOOL = {Imperial College London},

YEAR = {2018},

}

@article{LAW:AIJ:2018,

title = "The complexity and generality of learning answer set programs",

journal = "Artificial Intelligence",

volume = "259",

pages = "110 - 146",

year = "2018",

issn = "0004-3702",

doi = "https://doi.org/10.1016/j.artint.2018.03.005",

url = "http://www.sciencedirect.com/science/article/pii/S000437021830105X",

author = "Mark Law and Alessandra Russo and Krysia Broda",

keywords = "Non-monotonic logic-based learning, Answer Set Programming, Complexity of non-monotonic learning",

}

@article{Yang:SCL:2004,

title = "The balance problem of min-max systems is co-NP hard",

journal = "Systems \& Control Letters",

volume = "53",

number = "3",

pages = "303 - 310",

year = "2004",

issn = "0167-6911",

doi = "https://doi.org/10.1016/j.sysconle.2004.05.009",

url = "http://www.sciencedirect.com/science/article/pii/S0167691104000829",

author = "Ke Yang and Qianchuan Zhao",

}

@article{Akutsu:TCS:2003,

title = "Identification of genetic networks by strategic gene disruptions and gene overexpressions under a boolean model",

journal = "Theoretical Computer Science",

volume = "298",

number = "1",

pages = "235 - 251",

year = "2003",

note = "Selected Papers in honour of Setsuo Arikawa",

issn = "0304-3975",

doi = "https://doi.org/10.1016/S0304-3975(02)00425-5",

url = "http://www.sciencedirect.com/science/article/pii/S0304397502004255",

author = "Tatsuya Akutsu and Satoru Kuhara and Osamu Maruyama and Satoru Miyano",

keywords = "Genetic network, Gene expression, Computational biology, Boolean network",

}

@article{Saadatpour:JTB:2010,

title = "Attractor analysis of asynchronous Boolean models of signal transduction networks",

journal = "Journal of Theoretical Biology",

volume = "266",

number = "4",

pages = "641 - 656",

year = "2010",

issn = "0022-5193",

doi = "https://doi.org/10.1016/j.jtbi.2010.07.022",

url = "http://www.sciencedirect.com/science/article/pii/S0022519310003796",

author = "Assieh Saadatpour and Istv\'{a}n Albert and R\'{e}ka Albert",

keywords = "Boolean network model, Dynamic analysis, Synchronous model, Asynchronous model, Abscisic acid signal transduction network",

}

@article{He:JTB:2018,

title = "P\\_UNSAT approach of attractor calculation for Boolean gene regulatory networks",

journal = "Journal of Theoretical Biology",

volume = "447",

pages = "171 - 177",

year = "2018",

issn = "0022-5193",

doi = "https://doi.org/10.1016/j.jtbi.2018.03.037",

url = "http://www.sciencedirect.com/science/article/pii/S0022519318301516",

author = "Qinbin He and Zhile Xia and Bin Lin",

keywords = "Boolean networks, Genetic regulatory networks, Attractor",

}

@Article{Hopfensitz:CS:2013,

author="Hopfensitz, Martin

and M{\"u}ssel, Christoph

and Maucher, Markus

and Kestler, Hans A.",

title="Attractors in Boolean networks: a tutorial",

journal="Computational Statistics",

year="2013",

month="Feb",

day="01",

volume="28",

number="1",

pages="19--36",

issn="1613-9658",

doi="10.1007/s00180-012-0324-2",

url="https://doi.org/10.1007/s00180-012-0324-2"

}

@ARTICLE{Melkman:TCBB:2012,

author = {Tatsuya Akutsu and Sven Kosub and Avraham A. Melkman and Takeyuki Tamura},

journal = {IEEE/ACM Transactions on Computational Biology and Bioinformatics},

title = {Finding a Periodic Attractor of a Boolean Network},

year = {2012},

volume = {9},

number = {},

pages = {1410-1421},

doi = {10.1109/TCBB.2012.87},

url = {doi.ieeecomputersociety.org/10.1109/TCBB.2012.87},

ISSN = {1545-5963},

month={09}

}

@ARTICLE{Zhao:TNN:2005,

author={Qianchuan Zhao},

journal={IEEE Transactions on Neural Networks},

title={A remark on "Scalar equations for synchronous Boolean networks with biological Applications" by C. Farrow, J. Heidel, J. Maloney, and J. Rogers},

year={2005},

volume={16},

number={6},

pages={1715-1716},

keywords={computational complexity;Boolean functions;nonlinear equations;living systems;synchronisation;scalar equation;synchronous Boolean network cycles;biological application;exponentially growing state space;neural network;fixed points;monotone Boolean network;NP-complete;Equations;Boolean functions;Biological information theory;Recurrent neural networks;State-space methods;Neural networks;Encoding;Computer networks;Power generation;Power systems;Cycles;fixed points;synchronous Boolean networks;Algorithms;Computer Simulation;Models, Biological;Neural Networks (Computer);Numerical Analysis, Computer-Assisted;Signal Processing, Computer-Assisted},

doi={10.1109/TNN.2005.857944},

ISSN={1045-9227},

month={Nov},}

@article{MILLER:AIJ:2019,

title = "Explanation in artificial intelligence: Insights from the social sciences",

journal = "Artificial Intelligence",

volume = "267",

pages = "1 - 38",

year = "2019",

issn = "0004-3702",

doi = "https://doi.org/10.1016/j.artint.2018.07.007",

url = "http://www.sciencedirect.com/science/article/pii/S0004370218305988",

author = "Tim Miller",

keywords = "Explanation, Explainability, Interpretability, Explainable AI, Transparency",

}

@inproceedings{DBLP:conf/ilp/GentetTI16,

author = {Enguerrand Gentet and

Sophie Tourret and

Katsumi Inoue},

title = {Learning from Interpretation Transition using Feed-Forward Neural

Networks},

booktitle = {Proceedings of the 26th International Conference on Inductive Logic

Programming (Short papers), London, UK, 2016.},

pages = {27--33},

year = {2016},

crossref = {DBLP:conf/ilp/2016s},

url = {http://ceur-ws.org/Vol-1865/paper-05.pdf},

timestamp = {Wed, 28 Jun 2017 09:12:14 +0200},

biburl = {https://dblp.org/rec/bib/conf/ilp/GentetTI16},

bibsource = {dblp computer science bibliography, https://dblp.org}

}

@proceedings{DBLP:conf/ilp/2016s,

editor = {James Cussens and

Alessandra Russo},

title = {Proceedings of the 26th International Conference on Inductive Logic

Programming (Short papers), London, UK, 2016},

series = {{CEUR} Workshop Proceedings},

volume = {1865},

publisher = {CEUR-WS.org},

year = {2017},

url = {http://ceur-ws.org/Vol-1865},

urn = {urn:nbn:de:0074-1865-4},

timestamp = {Wed, 28 Jun 2017 09:10:39 +0200},

biburl = {https://dblp.org/rec/bib/conf/ilp/2016s},

bibsource = {dblp computer science bibliography, https://dblp.org}

}

@article{Davidich:PLOS:2008,

author = {Davidich, Maria I. AND Bornholdt, Stefan},

journal = {PLOS ONE},

publisher = {Public Library of Science},

title = {Boolean Network Model Predicts Cell Cycle Sequence of Fission Yeast},

year = {2008},

month = {02},

volume = {3},

url = {https://doi.org/10.1371/journal.pone.0001672},

pages = {1-8},

number = {2},

doi = {10.1371/journal.pone.0001672}

}

@article {Li:PNAS:2004,

author = {Li, Fangting and Long, Tao and Lu, Ying and Ouyang, Qi and Tang, Chao},

title = {The yeast cell-cycle network is robustly designed},

volume = {101},

number = {14},

pages = {4781--4786},

year = {2004},

doi = {10.1073/pnas.0305937101},

publisher = {National Academy of Sciences},

issn = {0027-8424},

URL = {https://www.pnas.org/content/101/14/4781},

eprint = {https://www.pnas.org/content/101/14/4781.full.pdf},

journal = {Proceedings of the National Academy of Sciences}

}

@article{DBLP:journals/bmcbi/KlamtSLSG06,

author = {Steffen Klamt and

Julio Saez{-}Rodriguez and

Jonathan A. Lindquist and

Luca Simeoni and

Ernst Dieter Gilles},

title = {A methodology for the structural and functional analysis of signaling

and regulatory networks},

journal = {{BMC} Bioinformatics},

volume = {7},

pages = {56},

year = {2006},

url = {https://doi.org/10.1186/1471-2105-7-56},

doi = {10.1186/1471-2105-7-56},

timestamp = {Wed, 14 Nov 2018 10:44:36 +0100},

biburl = {https://dblp.org/rec/bib/journals/bmcbi/KlamtSLSG06},

bibsource = {dblp computer science bibliography, https://dblp.org}

}

@ARTICLE{Mendoza:2006:TBMM,

AUTHOR = {Luis Mendoza and Ioannis Xenarios},

TITLE = {A method for the generation of standardized qualitative dynamical systems of regulatory networks},

JOURNAL = {Theoretical biology \& medical modelling},

YEAR = {2006},

volume = {3},

number = {13},

pages = {doi:10.1186/1742-4682-3-13},

}

@Article{Chaos:JPGR:2006,

author="Chaos, {\'A}lvaro

and Aldana, Max

and Espinosa-Soto, Carlos

and de Le{\'o}n, Berenice Garc{\'i}a Ponce

and Arroyo, Adriana Garay

and Alvarez-Buylla, Elena R.",

title="From Genes to Flower Patterns and Evolution: Dynamic Models of Gene Regulatory Networks",

journal="Journal of Plant Growth Regulation",

year="2006",

month="Dec",

day="01",

volume="25",

number="4",

pages="278--289",

issn="1435-8107",

doi="10.1007/s00344-006-0068-8",

url="https://doi.org/10.1007/s00344-006-0068-8"

}

@article{DBLP:journals/tcbb/DubrovaT11,

author = {Elena Dubrova and

Maxim Teslenko},

title = {A SAT-Based Algorithm for Finding Attractors in Synchronous Boolean

Networks},

journal = {{IEEE/ACM} Trans. Comput. Biology Bioinform.},

volume = {8},

number = {5},

pages = {1393--1399},

year = {2011},

url = {https://doi.org/10.1109/TCBB.2010.20},

doi = {10.1109/TCBB.2010.20},

timestamp = {Sun, 28 May 2017 13:21:00 +0200},

biburl = {https://dblp.org/rec/bib/journals/tcbb/DubrovaT11},

bibsource = {dblp computer science bibliography, https://dblp.org}

}

@inproceedings{DBLP:conf/kr/LeeW16,

author = {Joohyung Lee and

Yi Wang},

title = {Weighted Rules under the Stable Model Semantics},

booktitle = {Principles of Knowledge Representation and Reasoning: Proceedings

of the Fifteenth International Conference, {KR} 2016, Cape Town, South

Africa, April 25-29, 2016.},

pages = {145--154},

year = {2016},

crossref = {DBLP:conf/kr/2016},

url = {http://www.aaai.org/ocs/index.php/KR/KR16/paper/view/12901},

timestamp = {Thu, 21 Apr 2016 20:01:05 +0200},

biburl = {https://dblp.org/rec/bib/conf/kr/LeeW16},

bibsource = {dblp computer science bibliography, https://dblp.org}

}

@proceedings{DBLP:conf/kr/2016,

editor = {Chitta Baral and

James P. Delgrande and

Frank Wolter},

title = {Principles of Knowledge Representation and Reasoning: Proceedings

of the Fifteenth International Conference, {KR} 2016, Cape Town, South

Africa, April 25-29, 2016},

publisher = {{AAAI} Press},

year = {2016},

url = {http://www.aaai.org/Library/KR/kr16contents.php},

isbn = {978-1-57735-755-1},

timestamp = {Thu, 21 Apr 2016 20:01:05 +0200},

biburl = {https://dblp.org/rec/bib/conf/kr/2016},

bibsource = {dblp computer science bibliography, https://dblp.org}

}

@article{DBLP:journals/tplp/BaralGR09,

author = {Chitta Baral and

Michael Gelfond and

J. Nelson Rushton},

title = {Probabilistic reasoning with answer sets},

journal = {{TPLP}},

volume = {9},

number = {1},

pages = {57--144},

year = {2009},

url = {https://doi.org/10.1017/S1471068408003645},

doi = {10.1017/S1471068408003645},

timestamp = {Sat, 27 May 2017 14:23:06 +0200},

biburl = {https://dblp.org/rec/bib/journals/tplp/BaralGR09},

bibsource = {dblp computer science bibliography, https://dblp.org}

}

@ARTICLE{Rudell:CADICS:1987,

author={Richard L. Rude11 and A. Sangiovanni-Vincentelli},

journal={IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems},

title={Multiple-Valued Minimization for \textsc{pla} Optimization},

year={1987},

volume={6},

number={5},

pages={727-750},

keywords={Programmable logic arrays;Minimization methods;Decoding;Equations;Design optimization;Heuristic algorithms;Chip scale packaging;Logic design;Logic arrays;Boolean functions},

doi={10.1109/TCAD.1987.1270318},

ISSN={0278-0070},

month={September},

}

@article{Saadatpour:2013:Methods,

title = "Boolean modeling of biological regulatory networks: A methodology tutorial",

journal = "Methods",

volume = "62",

number = "1",

pages = "3 -12",

year = "2013",

note = "Modeling Gene Expression",

issn = "1046-2023",

doi ="https://doi.org/10.1016/j.ymeth.2012.10.012", url =

"http://www.sciencedirect.com/science/article/pii/S1046202312002770",

author = "Assieh Saadatpour and R\'{e}ka Albertb",

}

@article{Taou:JCS:2018,

title = "Investigating the use of Boolean networks for the control of gene regulatory networks",

journal = "Journal of Computational Science",

volume = "26",

pages = "147 - 156",

year = "2018",

issn = "1877-7503",

doi = "https://doi.org/10.1016/j.jocs.2018.04.012",

url = "http://www.sciencedirect.com/science/article/pii/S1877750317307196",

author = "Nadia S. Taou and David W. Corne and Michael A. Lones",

keywords = "Gene regulatory network, Boolean network, Control system, Evolutionary algorithm",

}

@article{Wang:2012:PB,

author={Rui-Sheng Wang and Assieh Saadatpour and R\'{e}ka Albert},

title={Boolean modeling in systems biology: an overview of methodology and applications},

journal={Physical Biology},

volume={9},

number={5},

pages={055001},

url={http://stacks.iop.org/1478-3975/9/i=5/a=055001},

year={2012},

}

@article{He:JTB:2016,

title = "An efficient approach of attractor calculation for large-scale

Boolean gene regulatory networks",

journal = "Journal of Theoretical Biology",

volume ="408",

pages = "137 - 144",

year = "2016",

issn = "0022-5193",

doi = "https://doi.org/10.1016/j.jtbi.2016.08.006",

url = "http://www.sciencedirect.com/science/article/pii/S0022519316302399",

author = "Qinbin He and Zhile Xia and Bin Lin",

keywords = "Boolean networks, Genetic regulatory networks, Attractor", }

@article{Steggles:2011:SACS,

author = {L. Jason Steggles},

title = {Abstracting Asynchronous Multi-Valued Networks},

journal = {Scientific Annals of Computer Science},

volume = {21},

number = {2},

pages = {249--282},

year = {2011},

url = {http://www.info.uaic.ro/bin/Annals/Article?v=XXI2\&a=3},

timestamp = {Fri, 09 Feb 2018 11:12:25 +0100},

biburl = {https://dblp.org/rec/bib/journals/cuza/Steggles11},

bibsource = {dblp computer science bibliography, https://dblp.org}

}

@article{INOUE:JLP:1998,

title = "Negation as failure in the head",

journal = "The Journal of Logic Programming",

volume = "35",

number = "1",

pages = "39 - 78",

year = "1998",

issn = "0743-1066",

doi = "https://doi.org/10.1016/S0743-1066(97)10001-2",

url = "http://www.sciencedirect.com/science/article/pii/S0743106697100012",

author = "Katsumi Inoue and Chiaki Sakama"

}

@article{DBLP:journals/ml/Riguzzi08,

author = {Fabrizio Riguzzi},

title = {{ALLPAD:} approximate learning of logic programs with annotated disjunctions},

journal = {Machine Learning},

volume = {70},

number = {2-3},

pages = {207--223},

year = {2008},

url = {https://doi.org/10.1007/s10994-007-5032-8},

doi = {10.1007/s10994-007-5032-8},

timestamp = {Wed, 14 Jun 2017 20:30:33 +0200},

biburl = {https://dblp.org/rec/bib/journals/ml/Riguzzi08},

bibsource = {dblp computer science bibliography, https://dblp.org}

}

@InProceedings{Ribeiro:ILP:2017,

author="Ribeiro, Tony

and Tourret, Sophie

and Folschette, Maxime

and Magnin, Morgan

and Borzacchiello, Domenico

and Chinesta, Francisco

and Roux, Olivier

and Inoue, Katsumi",

editor="Lachiche, Nicolas

and Vrain, Christel",

title="Inductive Learning from State Transitions over Continuous Domains",

booktitle="Inductive Logic Programming",

year="2018",

publisher="Springer International Publishing",

address="Cham",

pages="124--139",

isbn="978-3-319-78090-0"

}

@Article{Abdallah:AMB:2017,

author="Ben Abdallah, Emna

and Folschette, Maxime

and Roux, Olivier

and Magnin, Morgan",

title="ASP-based method for the enumeration of attractors in non-deterministic

synchronous and asynchronous multi-valued networks",

journal="Algorithms for Molecular Biology",

year="2017",

month="Aug",

day="15",

volume="12",

number="1",

pages="20",

issn="1748-7188",

doi="10.1186/s13015-017-0111-2",

url="https://doi.org/10.1186/s13015-017-0111-2"

}

@article{DBLP:journals/automatica/GaoCB18,

author = {Zuguang Gao and

Xudong Chen and

Tamer Basar},

title = {Stability structures of conjunctive Boolean networks},

journal = {Automatica},

volume = {89},

pages = {8--20},

year = {2018},

url = {https://doi.org/10.1016/j.automatica.2017.11.017},

doi = {10.1016/j.automatica.2017.11.017},

timestamp = {Wed, 14 Feb 2018 13:56:32 +0100},

biburl = {https://dblp.org/rec/bib/journals/automatica/GaoCB18},

bibsource = {dblp computer science bibliography, https://dblp.org}

}

@article{DBLP:journals/tcns/GaoCB18,

author = {Zuguang Gao and

Xudong Chen and

Tamer Basar},

title = {Controllability of Conjunctive Boolean Networks With Application to

Gene Regulation},

journal = {{IEEE} Trans. Control of Network Systems},

volume = {5},

number = {2},

pages = {770--781},

year = {2018},

url = {https://doi.org/10.1109/TCNS.2017.2746345},

doi = {10.1109/TCNS.2017.2746345},

timestamp = {Tue, 10 Jul 2018 09:45:29 +0200},

biburl = {https://dblp.org/rec/bib/journals/tcns/GaoCB18},

bibsource = {dblp computer science bibliography, https://dblp.org}

}

@ARTICLE{Weiss:CSL:2019,

author={E. Weiss and M. Margaliot},

journal={IEEE Control Systems Letters},

title={Output Selection and Observer Design for Boolean Control Networks: A Sub-Optimal Polynomial-Complexity Algorithm},

year={2019},

volume={3},

number={1},

pages={210-215},

doi={10.1109/LCSYS.2018.2872295},

ISSN={2475-1456},

month={Jan},}

@Article{Noual:NC:2018,

author="Noual, Mathilde

and Sen{\'e}, Sylvain",

title="Synchronism versus asynchronism in monotonic Boolean automata networks",

journal="Natural Computing",

year="2018",

month="Jun",

day="01",

volume="17",

number="2",

pages="393--402",

issn="1572-9796",

doi="10.1007/s11047-016-9608-8",

url="https://doi.org/10.1007/s11047-016-9608-8"

}

@InProceedings{Thomas:CADCS:2018,

author="Chatain, Thomas

and Haar, Stefan

and Paulev{\'e}, Lo{\"i}c",

editor="Baetens, Jan M.

and Kutrib, Martin",

title="Boolean Networks: Beyond Generalized Asynchronicity",

booktitle="Cellular Automata and Discrete Complex Systems",

year="2018",

publisher="Springer International Publishing",

address="Cham",

pages="29--42",

isbn="978-3-319-92675-9"

}

@inproceedings{akutsu2009completing,

title={Completing networks using observed data},

author={Akutsu, Tatsuya and Tamura, Takeyuki and Horimoto, Katsuhisa},

booktitle={International Conference on Algorithmic Learning Theory},

pages={126--140},

year={2009},

organization={Springer}

}

@article{cheng2010linear,

title={A linear representation of dynamics of Boolean networks},

author={Cheng, Daizhan and Qi, Hongsheng},

journal={IEEE Transactions on Automatic Control},

volume={55},

number={10},

pages={2251--2258},

year={2010},

publisher={IEEE}

}

@article{ribeiro2015learning,

title={Learning delayed influences of biological systems},

author={Ribeiro, Tony and Magnin, Morgan and Inoue, Katsumi and Sakama, Chiaki},

journal={Frontiers in bioengineering and biotechnology},

volume={2},

pages={81},

year={2015},

publisher={Frontiers}

}

@inproceedings{DBLP:conf/ismb/FaureNCT06,

author = {Adrien Faur{\'{e}} and

Aur{\'{e}}lien Naldi and

Claudine Chaouiya and

Denis Thieffry},

title = {Dynamical analysis of a generic Boolean model for the control of the

mammalian cell cycle},

booktitle = {Proceedings 14th International Conference on Intelligent Systems for

Molecular Biology 2006, Fortaleza, Brazil, August 6-10, 2006},

pages = {124--131},

year = {2006},

crossref = {DBLP:conf/ismb/2006},

url = {https://doi.org/10.1093/bioinformatics/btl210},

doi = {10.1093/bioinformatics/btl210},

timestamp = {Wed, 14 Nov 2018 10:57:13 +0100},

biburl = {https://dblp.org/rec/bib/conf/ismb/FaureNCT06},

bibsource = {dblp computer science bibliography, https://dblp.org}

}

@proceedings{DBLP:conf/ismb/2006,

title = {Proceedings 14th International Conference on Intelligent Systems for

Molecular Biology 2006, Fortaleza, Brazil, August 6-10, 2006},

year = {2006},

timestamp = {Mon, 28 Aug 2006 14:08:30 +0200},

biburl = {https://dblp.org/rec/bib/conf/ismb/2006},

bibsource = {dblp computer science bibliography, https://dblp.org}

}

@article{faure2006dynamical,

title={Dynamical analysis of a generic Boolean model for the control of the mammalian cell cycle},

author={Faur{\'e}, Adrien and Naldi, Aur{\'e}lien and Chaouiya, Claudine and Thieffry, Denis},

journal={Bioinformatics},

volume={22},

number={14},

pages={e124--e131},

year={2006},

publisher={Oxford University Press}

}

@inproceedings{DBLP:conf/ilp/RibeiroFMRI18,

author = {Tony Ribeiro and

Maxime Folschette and

Morgan Magnin and

Olivier F. Roux and

Katsumi Inoue},

title = {Learning Dynamics with Synchronous, Asynchronous and General Semantics},

booktitle = {Inductive Logic Programming - 28th International Conference, {ILP}

2018, Ferrara, Italy, September 2-4, 2018, Proceedings},

pages = {118--140},

year = {2018},

crossref = {DBLP:conf/ilp/2018},

url = {https://doi.org/10.1007/978-3-319-99960-9\\_8},

doi = {10.1007/978-3-319-99960-9\\_8},

timestamp = {Fri, 24 Aug 2018 14:00:58 +0200},

biburl = {https://dblp.org/rec/bib/conf/ilp/RibeiroFMRI18},

bibsource = {dblp computer science bibliography, https://dblp.org}

}

@proceedings{DBLP:conf/ilp/2018,

editor = {Fabrizio Riguzzi and

Elena Bellodi and

Riccardo Zese},

title = {Inductive Logic Programming - 28th International Conference, {ILP}

2018, Ferrara, Italy, September 2-4, 2018, Proceedings},

series = {Lecture Notes in Computer Science},

volume = {11105},

publisher = {Springer},

year = {2018},

url = {https://doi.org/10.1007/978-3-319-99960-9},

doi = {10.1007/978-3-319-99960-9},

isbn = {978-3-319-99959-3},

timestamp = {Fri, 24 Aug 2018 13:47:30 +0200},

biburl = {https://dblp.org/rec/bib/conf/ilp/2018},

bibsource = {dblp computer science bibliography, https://dblp.org}

}

@article{Statman:1979:TCS,

title = "Intuitionistic propositional logic is polynomial-space complete",

journal = "Theoretical Computer Science",

volume = "9",

number = "1",

pages = "67 - 72",

year = "1979",

issn = "0304-3975",

doi = "https://doi.org/10.1016/0304-3975(79)90006-9",

url = "http://www.sciencedirect.com/science/article/pii/0304397579900069",

author = "Richard Statman"

}

@article{Ladner:SIAMJC:1977,

author = {Richard E. Ladner},

title = {The Computational Complexity of Provability in Systems of Modal Propositional Logic},

journal = {SIAM Journal on Computing},

volume = {6},

number = {3},

pages = {467-480},

year = {1977},

doi = {10.1137/0206033},

}

@article{Abdallah:AMB:2017,

TITLE = {{ASP-based method for the enumeration of attractors in non-deterministic synchronous and asynchronous multi-valued networks}},

AUTHOR = {Ben Abdallah, Emna and Folschette, Maxime and Roux, Olivier and Magnin, Morgan},

URL = {https://hal.archives-ouvertes.fr/hal-01654877},

JOURNAL = {{Algorithms for Molecular Biology}},

PUBLISHER = {{BioMed Central}},

VOLUME = {12},

NUMBER = {1},

YEAR = {2017},

MONTH = Aug,

DOI = {10.1186/s13015-017-0111-2},

PDF = {https://hal.archives-ouvertes.fr/hal-01654877/file/s13015-017-0111-2.pdf},

HAL\_ID = {hal-01654877},

HAL\_VERSION = {v1},

}

@InProceedings{Lagniez:IJCAR:2018,

author="Lagniez, Jean-Marie

and Le Berre, Daniel

and de Lima, Tiago

and Montmirail, Valentin",

editor="Galmiche, Didier

and Schulz, Stephan

and Sebastiani, Roberto",

title="An Assumption-Based Approach for Solving the Minimal S5-Satisfiability Problem",

booktitle="Automated Reasoning",

year="2018",

publisher="Springer International Publishing",

address="Cham",

pages="1--18",

isbn="978-3-319-94205-6"

}

@article{Farinas:JLP:1987,

title = "A note on the complexity of the satisfiability of modal Horn clauses",

journal = "The Journal of Logic Programming",

volume = "4",

number = "1",

pages = "1 - 10",

year = "1987",

issn = "0743-1066",

doi = "https://doi.org/10.1016/0743-1066(87)90018-5",

url = "http://www.sciencedirect.com/science/article/pii/0743106687900185",

author = "Luis Fari\~{n}as Del Cerro and Martti Penttonen",

}

@inproceedings{DBLP:conf/aaai/CaridroitLBLM17,

author = {Thomas Caridroit and

Jean{-}Marie Lagniez and

Daniel Le Berre and

Tiago de Lima and

Valentin Montmirail},

title = {A SAT-Based Approach for Solving the Modal Logic S5-Satisfiability

Problem},

booktitle = {Proceedings of the Thirty-First {AAAI} Conference on Artificial Intelligence,

February 4-9, 2017, San Francisco, California, {USA.}},

pages = {3864--3870},

year = {2017},

crossref = {DBLP:conf/aaai/2017},

url = {http://aaai.org/ocs/index.php/AAAI/AAAI17/paper/view/14380},

timestamp = {Mon, 06 Mar 2017 11:36:24 +0100},

biburl = {http://dblp.org/rec/bib/conf/aaai/CaridroitLBLM17},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/aaai/2017,

editor = {Satinder P. Singh and

Shaul Markovitch},

title = {Proceedings of the Thirty-First {AAAI} Conference on Artificial Intelligence,

February 4-9, 2017, San Francisco, California, {USA}},

publisher = {{AAAI} Press},

year = {2017},

url = {http://www.aaai.org/Library/AAAI/aaai17contents.php},

timestamp = {Mon, 06 Mar 2017 08:17:31 +0100},

biburl = {http://dblp.org/rec/bib/conf/aaai/2017},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@inproceedings{DBLP:conf/ksem/SakamaIS17,

author = {Chiaki Sakama and

Katsumi Inoue and

Taisuke Sato},

title = {Linear Algebraic Characterization of Logic Programs},

booktitle = {Knowledge Science, Engineering and Management - 10th International

Conference, {KSEM} 2017, Melbourne, VIC, Australia, August 19-20,

2017, Proceedings},

pages = {520--533},

year = {2017},

crossref = {DBLP:conf/ksem/2017},

url = {https://doi.org/10.1007/978-3-319-63558-3\_44},

doi = {10.1007/978-3-319-63558-3\_44},

timestamp = {Mon, 14 Aug 2017 18:18:52 +0200},

biburl = {http://dblp.org/rec/bib/conf/ksem/SakamaIS17},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/ksem/2017,

editor = {Gang Li and

Yong Ge and

Zili Zhang and

Zhi Jin and

Michael Blumenstein},

title = {Knowledge Science, Engineering and Management - 10th International

Conference, {KSEM} 2017, Melbourne, VIC, Australia, August 19-20,

2017, Proceedings},

series = {Lecture Notes in Computer Science},

volume = {10412},

publisher = {Springer},

year = {2017},

url = {https://doi.org/10.1007/978-3-319-63558-3},

doi = {10.1007/978-3-319-63558-3},

isbn = {978-3-319-63557-6},

timestamp = {Mon, 14 Aug 2017 18:18:17 +0200},

biburl = {http://dblp.org/rec/bib/conf/ksem/2017},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{Roberto:PoS:2015,

author = {Roberto Fumagalli},

title = {No Learning from Minimal Models},

journal = {Philosophy of Science},

volume = {82},

number = {5},

pages = {798-809},

year = {2015},

doi = {10.1086/683281}

}

@article{DBLP:journals/aim/Lifschitz16,

author = {Vladimir Lifschitz},

title = {Answer Sets and the Language of Answer Set Programming},

journal = {{AI} Magazine},

volume = {37},

number = {3},

pages = {7--12},

year = {2016},

url = {http://www.aaai.org/ojs/index.php/aimagazine/article/view/2670},

timestamp = {Wed, 26 Oct 2016 19:06:22 +0200},

biburl = {http://dblp.org/rec/bib/journals/aim/Lifschitz16},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{DBLP:journals/aim/JanhunenN16,

author = {Tomi Janhunen and

Ilkka Niemel{\"{a}}},

title = {The Answer Set Programming Paradigm},

journal = {{AI} Magazine},

volume = {37},

number = {3},

pages = {13--24},

year = {2016},

url = {http://www.aaai.org/ojs/index.php/aimagazine/article/view/2671},

timestamp = {Thu, 27 Oct 2016 09:05:53 +0200},

biburl = {http://dblp.org/rec/bib/journals/aim/JanhunenN16},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{Arnborg:JADM:1987,

author = {Stefan Arnborg and Derek G. Corneil and Andrzej Proskurowski},

title = {Complexity of Finding Embeddings in a k-Tree},

journal = {SIAM Journal on Algebraic Discrete Methods},

volume = {8},

number = {2},

pages = {277-284},

year = {1987},

doi = {10.1137/0608024},

}

@article{Haan:2017:PCF:TOCL,

author = {Haan, Ronald De and Kanj, Iyad and Szeider, Stefan},

title = {On the Parameterized Complexity of Finding Small Unsatisfiable Subsets of

\textsc{cnf} Formulas and \textsc{csp} Instances},

journal = {ACM Trans. Comput. Logic},

issue\_date = {August 2017},

volume = {18},

number = {3},

month = aug,

year = {2017},

issn = {1529-3785},

pages = {21:1--21:46},

articleno = {21},

numpages = {46},

url = {http://doi.acm.org/10.1145/3091528},

doi = {10.1145/3091528},

acmid = {3091528},

publisher = {ACM},

address = {New York, NY, USA},

}

@inproceedings{Buresh-Oppenheim:2006:MWU:2SAT,

author = {Buresh-Oppenheim, Joshua and Mitchell, David},

title = {Minimum Witnesses for Unsatisfiable 2CNFs},

booktitle = {Proceedings of the 9th International Conference on Theory and Applications of Satisfiability Testing},

series = {SAT'06},

year = {2006},

isbn = {3-540-37206-7, 978-3-540-37206-6},

location = {Seattle, WA},

pages = {42--47},

numpages = {6},

url = {http://dx.doi.org/10.1007/11814948\_6},

doi = {10.1007/11814948\_6},

acmid = {2165389},

publisher = {Springer-Verlag},

address = {Berlin, Heidelberg},

}

@BOOK{Buss:book:1998,

AUTHOR = {P. SUPPES},

editor = {S. ABRAMSKY and S. ARTEMOV and R.A. SHORE and A.S. TROELSTRA},

TITLE = {Handbook of Proof Theory},

PUBLISHER = {Elsevier},

YEAR = {1998},

volume = {137},

number = {1},

series = {studies in logic and the foundations of mathematics},

}

@inproceedings{DBLP:conf/aaai/ReiterK87,

author = {Raymond Reiter and

Johan de Kleer},

title = {Foundations of Assumption-based Truth Maintenance Systems: Preliminary

Report},

booktitle = {Proceedings of the 6th National Conference on Artificial Intelligence.

Seattle, WA, July 1987.},

pages = {183--189},

year = {1987},

crossref = {DBLP:conf/aaai/1987},

url = {http://www.aaai.org/Library/AAAI/1987/aaai87-033.php},

timestamp = {Wed, 12 Dec 2012 15:08:20 +0100},

biburl = {http://dblp.org/rec/bib/conf/aaai/ReiterK87},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/aaai/1987,

editor = {Kenneth D. Forbus and

Howard E. Shrobe},

title = {Proceedings of the 6th National Conference on Artificial Intelligence.

Seattle, WA, July 1987},

publisher = {Morgan Kaufmann},

year = {1987},

url = {http://www.aaai.org/Conferences/AAAI/aaai87.php},

timestamp = {Thu, 01 Dec 2011 17:16:20 +0100},

biburl = {http://dblp.org/rec/bib/conf/aaai/1987},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@incollection{DBLP:series/faia/BuningK09,

author = {Hans Kleine{ }B{\"{u}}ning and

Oliver Kullmann},

title = {Minimal Unsatisfiability and Autarkies},

booktitle = {Handbook of Satisfiability},

pages = {339--401},

year = {2009},

crossref = {DBLP:series/faia/2009-185},

url = {https://doi.org/10.3233/978-1-58603-929-5-339},

doi = {10.3233/978-1-58603-929-5-339},

timestamp = {Tue, 16 May 2017 14:24:21 +0200},

biburl = {http://dblp.org/rec/bib/series/faia/BuningK09},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@Inbook{Ben-Eliyahu:LPNMR:2017,

author="Ben-Eliyahu-Zohary, Rachel

and Angiulli, Fabrizio

and Fassetti, Fabio

and Palopoli, Luigi",

editor="Balduccini, Marcello

and Janhunen, Tomi",

title="Modular Construction of Minimal Models",

bookTitle="Logic Programming and Nonmonotonic Reasoning: 14th International Conference, LPNMR 2017, Espoo, Finland, July 3-6, 2017, Proceedings",

year="2017",

publisher="Springer International Publishing",

address="Cham",

pages="43--48",

isbn="978-3-319-61660-5",

doi="10.1007/978-3-319-61660-5\_5",

url="https://doi.org/10.1007/978-3-319-61660-5\_5"

}

@article{Maloberti2004:JML,

title={Fast Theta-Subsumption with Constraint Satisfaction Algorithms},

author={Maloberti, J\'{e}r\^{o}me and Sebag, Mich\`{e}le},

journal={Machine Learning},

volume={55},

number={2},

pages={137-174},

year={2004},

}

@article{DBLP:journals/ai/GottlobF93,

author = {Georg Gottlob and

Christian G. Ferm{\"{u}}ller},

title = {Removing Redundancy from a Clause},

journal = {Artif. Intell.},

volume = {61},

number = {2},

pages = {263--289},

year = {1993},

url = {https://doi.org/10.1016/0004-3702(93)90069-N},

doi = {10.1016/0004-3702(93)90069-N},

timestamp = {Sat, 16 Sep 2017 12:06:14 +0200},

biburl = {http://dblp.org/rec/bib/journals/ai/GottlobF93},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@ARTICLE{Billings2002201,

author={Billings, D. and Davidson, A. and Schaeffer, J. and Szafron, D.},

title={The challenge of poker},

journal={Artificial Intelligence},

year={2002},

volume={134},

number={1-2},

pages={201-240},

doi={10.1016/S0004-3702(01)00130-8},

note={cited By 157},

url={https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036149710&doi=10.1016%2fS0004-3702%2801%2900130-8&partnerID=40&md5=8ae46e694ac9725cb0ad69faec79f849},

document\_type={Article},

source={Scopus},

}

@ARTICLE{Schaeffer20071518,

author={Schaeffer, J. and Burch, N. and Bj\"{o}rnsson, Y. and Kishimoto, A. and M\"{u}ller, M. and Lake, R. and Lu, P. and Sutphen, S.},

title={Checkers is solved},

journal={Science},

year={2007},

volume={317},

number={5844},

pages={1518-1522},

doi={10.1126/science.1144079},

note={cited By 166},

url={https://www.scopus.com/inward/record.uri?eid=2-s2.0-34548677930&doi=10.1126%2fscience.1144079&partnerID=40&md5=36e6cbc7c5f7a9b8fde313a340834c7f},

document\_type={Article},

source={Scopus},

}

@ARTICLE{Campbell200257,

author={Campbell, M. and Hoane Jr., A.Joseph and Hsu, F.-H.},

title={Deep Blue},

journal={Artificial Intelligence},

year={2002},

volume={134},

number={1-2},

pages={57-83},

doi={10.1016/S0004-3702(01)00129-1},

note={cited By 246},

url={https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036149522&doi=10.1016%2fS0004-3702%2801%2900129-1&partnerID=40&md5=425ec8eda0809b15361bbf3f0f828297},

document\_type={Article},

source={Scopus},

}

@BOOK{vonNeumann2007,

author={von Neumann, J. and Morgenstern, O.},

title={Theory of games and economic behavior},

journal={Theory of Games and Economic Behavior},

year={2007},

page\_count={739},

note={cited By 10007},

url={https://www.scopus.com/inward/record.uri?eid=2-s2.0-84884079276&partnerID=40&md5=6d3a88d84fb4939155c0722135562c39},

document\_type={Book},

source={Scopus},

}

@article{Cilardo:JSA:2014,

title = "ASP-based optimized mapping in a simulink-to-MPSoC design flow",

journal = "Journal of Systems Architecture",

volume = "60",

number = "1",

pages = "108 - 118",

year = "2014",

issn = "1383-7621",

doi = "https://doi.org/10.1016/j.sysarc.2013.10.004",

url = "http://www.sciencedirect.com/science/article/pii/S1383762113001951",

author = "Alessandro Cilardo and Dario Socci and Nicola Mazzocca",

keywords = "Simulink, Electronic system-level design, Design space exploration, ASP, FPGA"

}

@article{DBLP:journals/jair/GebserMR17,

author = {Martin Gebser and

Marco Maratea and

Francesco Ricca},

title = {The Sixth Answer Set Programming Competition},

journal = {J. Artif. Intell. Res.},

volume = {60},

pages = {41--95},

year = {2017},

url = {https://doi.org/10.1613/jair.5373},

doi = {10.1613/jair.5373},

timestamp = {Wed, 20 Sep 2017 14:21:54 +0200},

biburl = {http://dblp.org/rec/bib/journals/jair/GebserMR17},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{DBLP:journals/aim/GebserS16,

author = {Martin Gebser and

Torsten Schaub},

title = {Modeling and Language Extensions},

journal = {{AI} Magazine},

volume = {37},

number = {3},

pages = {33--44},

year = {2016},

url = {http://www.aaai.org/ojs/index.php/aimagazine/article/view/2673},

timestamp = {Wed, 26 Oct 2016 19:06:22 +0200},

biburl = {http://dblp.org/rec/bib/journals/aim/GebserS16},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@inproceedings{DBLP:conf/lpnmr/GelfondZ17,

author = {Michael Gelfond and

Yuanlin Zhang},

title = {Vicious Circle Principle and Formation of Sets in {ASP} Based Languages},

booktitle = {Logic Programming and Nonmonotonic Reasoning - 14th International

Conference, {LPNMR} 2017, Espoo, Finland, July 3-6, 2017, Proceedings},

pages = {146--159},

year = {2017},

crossref = {DBLP:conf/lpnmr/2017},

url = {https://doi.org/10.1007/978-3-319-61660-5\_14},

doi = {10.1007/978-3-319-61660-5\_14},

timestamp = {Wed, 28 Jun 2017 13:24:46 +0200},

biburl = {http://dblp.org/rec/bib/conf/lpnmr/GelfondZ17},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/lpnmr/2017,

editor = {Marcello Balduccini and

Tomi Janhunen},

title = {Logic Programming and Nonmonotonic Reasoning - 14th International

Conference, {LPNMR} 2017, Espoo, Finland, July 3-6, 2017, Proceedings},

series = {Lecture Notes in Computer Science},

volume = {10377},

publisher = {Springer},

year = {2017},

url = {https://doi.org/10.1007/978-3-319-61660-5},

doi = {10.1007/978-3-319-61660-5},

isbn = {978-3-319-61659-9},

timestamp = {Wed, 28 Jun 2017 13:20:07 +0200},

biburl = {http://dblp.org/rec/bib/conf/lpnmr/2017},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{DBLP:journals/ai/McDermottD80,

author = {Drew V. McDermott and

Jon Doyle},

title = {Non-Monotonic Logic {I}},

journal = {Artif. Intell.},

volume = {13},

number = {1-2},

pages = {41--72},

year = {1980},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/ai/McDermottD80},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@ARTICLE{Doyle:1984:AIM,

author = {Jon Doyle},

title = {Expert Systems Without Computers or Theory and Trust in Artificial Intelligence},

journal = {AI Magazine},

year = {1984},

volume = {5},

pages = {59--63}

}

@article{DBLP:journals/ai/DavisM04,

author = {Ernest Davis and

Leora Morgenstern},

title = {Introduction: Progress in formal commonsense reasoning},

journal = {Artif. Intell.},

volume = {153},

number = {1-2},

pages = {1--12},

year = {2004},

url = {https://doi.org/10.1016/j.artint.2003.09.001},

doi = {10.1016/j.artint.2003.09.001},

timestamp = {Sat, 27 May 2017 14:24:42 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/ai/DavisM04},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{DBLP:journals/cacm/DavisM15,

author = {Ernest Davis and

Gary Marcus},

title = {Commonsense reasoning and commonsense knowledge in artificial intelligence},

journal = {Commun. {ACM}},

volume = {58},

number = {9},

pages = {92--103},

year = {2015},

url = {http://doi.acm.org/10.1145/2701413},

doi = {10.1145/2701413},

timestamp = {Mon, 21 Sep 2015 12:30:36 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/cacm/DavisM15},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{DBLP:journals/jair/Davis17,

author = {Ernest Davis},

title = {Logical Formalizations of Commonsense Reasoning: {A} Survey},

journal = {J. Artif. Intell. Res.},

volume = {59},

pages = {651--723},

year = {2017},

url = {https://doi.org/10.1613/jair.5339},

doi = {10.1613/jair.5339},

timestamp = {Thu, 31 Aug 2017 15:15:47 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/jair/Davis17},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{Caballero:ACMCS:2017,

author = {Caballero, Rafael and Riesco, Adri\'{a}n and Silva, Josep},

title = {A Survey of Algorithmic Debugging},

journal = {ACM Comput. Surv.},

issue\_date = {October 2017},

volume = {50},

number = {4},

month = aug,

year = {2017},

issn = {0360-0300},

pages = {60:1--60:35},

articleno = {60},

numpages = {35},

url = {http://doi.acm.org/10.1145/3106740},

doi = {10.1145/3106740},

acmid = {3106740},

publisher = {ACM},

address = {New York, NY, USA},

keywords = {Algorithmic debugging, declarative debugging, software engineering},

}

@inproceedings{DBLP:conf/jelia/FaberLP04,

author = {Wolfgang Faber and

Nicola Leone and

Gerald Pfeifer},

title = {Recursive Aggregates in Disjunctive Logic Programs: Semantics and

Complexity},

booktitle = {Logics in Artificial Intelligence, 9th European Conference, {JELIA}

2004, Lisbon, Portugal, September 27-30, 2004, Proceedings},

pages = {200--212},

year = {2004},

crossref = {DBLP:conf/jelia/2004},

url = {https://doi.org/10.1007/978-3-540-30227-8\_19},

doi = {10.1007/978-3-540-30227-8\_19},

timestamp = {Tue, 30 May 2017 12:57:44 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/jelia/FaberLP04},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/jelia/2004,

editor = {Jos{\'{e}} J{\'{u}}lio Alferes and

Jo{\~{a}}o Alexandre Leite},

title = {Logics in Artificial Intelligence, 9th European Conference, {JELIA}

2004, Lisbon, Portugal, September 27-30, 2004, Proceedings},

series = {Lecture Notes in Computer Science},

volume = {3229},

publisher = {Springer},

year = {2004},

url = {https://doi.org/10.1007/b100483},

doi = {10.1007/b100483},

isbn = {3-540-23242-7},

timestamp = {Tue, 30 May 2017 12:57:44 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/jelia/2004},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{DBLP:journals/tplp/GelfondZ14,

author = {Michael Gelfond and

Yuanlin Zhang},

title = {Vicious Circle Principle and Logic Programs with Aggregates},

journal = {{Theory and Practice of Logic Programming}},

volume = {14},

number = {4-5},

pages = {587--601},

year = {2014},

url = {https://doi.org/10.1017/S1471068414000222},

doi = {10.1017/S1471068414000222},

timestamp = {Sat, 27 May 2017 14:23:06 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/tplp/GelfondZ14},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@inproceedings{DBLP:conf/ijcai/ZhangR16,

author = {Yuanlin Zhang and

Maede Rayatidamavandi},

title = {A Characterization of the Semantics of Logic Programs with Aggregates},

booktitle = {Proceedings of the Twenty-Fifth International Joint Conference on

Artificial Intelligence, {IJCAI} 2016, New York, NY, USA, 9-15 July

2016},

pages = {1338--1344},

year = {2016},

crossref = {DBLP:conf/ijcai/2016},

url = {http://www.ijcai.org/Abstract/16/193},

timestamp = {Fri, 15 Jul 2016 15:58:28 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/ijcai/ZhangR16},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/ijcai/2016,

editor = {Subbarao Kambhampati},

title = {Proceedings of the Twenty-Fifth International Joint Conference on

Artificial Intelligence, {IJCAI} 2016, New York, NY, USA, 9-15 July

2016},

publisher = {{IJCAI/AAAI} Press},

year = {2016},

url = {http://www.ijcai.org/Proceedings/2016},

isbn = {978-1-57735-770-4},

timestamp = {Fri, 15 Jul 2016 15:25:58 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/ijcai/2016},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{Prolog:Standard:1996,

title={Prolog: The Standard},

author={Deransart, Pierre and Ed-Dbali, Abdel Ali and Cervoni, Laurent},

year={1996},

publisher={Springer},

}

@article {Bosschere:SPE:1996,

author = {De Bosschere, Koen},

title = {An Operator Precedence Parser for Standard Prolog Text},

journal = {Software: Practice and Experience},

volume = {26},

number = {7},

publisher = {John Wiley \& Sons, Ltd.},

issn = {1097-024X},

pages = {763--779},

year = {1996},

}

@article{Wang2000Argumentation,

title={Argumentation-based abduction in disjunctive logic programming},

author={Wang, Kewen},

journal={Journal of Logic Programming},

volume={45},

number={1},

pages={105-141},

year={2000},

}

@article{Hamfelt1997Towards,

title={Towards a logic programming methodology based on higher-order predicates},

author={Hamfelt, Andreas},

journal={New Generation Computing},

volume={15},

number={4},

pages={421-447},

year={1997},

}

@article{Fassetti2010:TPLP,

title={On the complexity of identifying head-elementary-set-free programs},

author={Fassetti, Fabio and Palopoli, Luigi},

journal={Theory \& Practice of Logic Programming},

volume={10},

number={1},

pages={113-123},

year={2010},

}

@article{DBLP:journals/tplp/GebserLL11,

author = {Martin Gebser and

Joohyung Lee and

Yuliya Lierler},

title = {On elementary loops of logic programs},

journal = {{Theory \& Practice of Logic Programming}},

volume = {11},

number = {6},

pages = {953--988},

year = {2011},

url = {https://doi.org/10.1017/S1471068411000019},

doi = {10.1017/S1471068411000019},

timestamp = {Sat, 27 May 2017 14:23:06 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/tplp/GebserLL11},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@Inbook{Denecker2015,

author="Denecker, Marc

and Brewka, Gerhard

and Strass, Hannes",

editor="Calimeri, Francesco

and Ianni, Giovambattista

and Truszczynski, Miroslaw",

title="A Formal Theory of Justifications",

bookTitle="Logic Programming and Nonmonotonic Reasoning: 13th International Conference, LPNMR 2015, Lexington, KY, USA, September 27-30, 2015. Proceedings",

year="2015",

publisher="Springer International Publishing",

address="Cham",

pages="250--264",

}

@Inbook{Brass1995,

author="Brass, Stefan and Dix, J{\"u}rgen",

editor="Dix, J{\"u}rgen and Pereira, Louis Moniz and Przymusinski, Teodor C.",

title="A general approach to bottom-up computation of disjunctive semantics",

bookTitle="Non-Monotonic Extensions of Logic Programming: ICLP '94 Workshop Santa Margherita Ligure, Italy, June 17, 1994 Selected Papers",

year="1995",

publisher="Springer Berlin Heidelberg",

address="Berlin, Heidelberg",

pages="127--155",

}

@article{Minker1990A,

title={A fixpoint semantics for disjunctive logic programs},

author={Minker, Jack and Rajasekar, Arcot},

journal={Journal of Logic Programming},

volume={9},

number={1},

pages={45-74},

year={1990},

}

@inproceedings{DBLP:conf/aaai/ZhouZ11a,

author = {Yi Zhou and

Yan Zhang},

title = {Progression Semantics for Disjunctive Logic Programs},

booktitle = {Proceedings of the Twenty-Fifth {AAAI} Conference on Artificial Intelligence,

{AAAI} 2011, San Francisco, California, USA, August 7-11, 2011},

year = {2011},

crossref = {DBLP:conf/aaai/2011},

url = {http://www.aaai.org/ocs/index.php/AAAI/AAAI11/paper/view/3482},

timestamp = {Wed, 11 May 2016 14:48:41 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/aaai/ZhouZ11a},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/aaai/2011,

editor = {Wolfram Burgard and

Dan Roth},

title = {Proceedings of the Twenty-Fifth {AAAI} Conference on Artificial Intelligence,

{AAAI} 2011, San Francisco, California, USA, August 7-11, 2011},

publisher = {{AAAI} Press},

year = {2011},

timestamp = {Tue, 09 Aug 2011 07:56:46 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/aaai/2011},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@INPROCEEDINGS{Moura2007:Z3,

title={Z3: An Efficient SMT Solver},

author={Moura, Leonardo De and Bjorner, Nikolaj},

BOOKTITLE = {14th International Conference on Tools and Algorithms for the Construction and Analysis of Systems (TACAS 2008)},

YEAR = {2007},

editor = {C. R. Ramakrishnan and Jakob Rehof},

volume = {4963},

series = {Lect. Notes in Comp. Sci.},

pages = {337¨C340},

publisher = {Springer},

}

@article{FELLOWS:TCS:2006,

title = "On finding short resolution refutations and small unsatisfiable subsets",

journal = "Theoretical Computer Science",

volume = "351",

number = "3",

pages = "351 - 359",

year = "2006",

issn = "0304-3975",

author = "Michael R. Fellows and Stefan Szeider and Graham Wrightson",

}

@Inbook{Iwama:MFCS:1997,

author="Iwama, Kazuo",

//editor="Pr{\'i}vara, Igor and Ru{\v{z}}i{\v{c}}ka, Peter",

title="Complexity of finding short resolution proofs",

bookTitle="Mathematical Foundations of Computer Science 1997: 22nd International Symposium, MFCS '97 Bratislava, Slovakia, August 25--29, 1997 Proceedings",

year="1997",

publisher="Springer Berlin Heidelberg",

address="Berlin, Heidelberg",

pages="309--318",

isbn="978-3-540-69547-9",

}

@article{Chvatal:1988:JACM,

author = {Chv\'{a}tal, Va\v{s}ek and Szemer{\'e}di, Endre},

title = {Many Hard Examples for Resolution},

journal = {J. ACM},

issue\_date = {Oct. 1988},

volume = {35},

number = {4},

month = oct,

year = {1988},

issn = {0004-5411},

pages = {759--768},

numpages = {10},

url = {http://doi.acm.org/10.1145/48014.48016},

doi = {10.1145/48014.48016},

acmid = {48016},

publisher = {ACM},

address = {New York, NY, USA},

}

@Inbook{Eiter2009,

author="Eiter, Thomas

and Ianni, Giovambattista

and Krennwallner, Thomas",

editor="Tessaris, Sergio

and Franconi, Enrico

and Eiter, Thomas

and Gutierrez, Claudio

and Handschuh, Siegfried

and Rousset, Marie-Christine

and Schmidt, Renate A.",

title="Answer Set Programming: A Primer ",

bookTitle="Reasoning Web. Semantic Technologies for Information Systems: 5th International Summer School 2009, Brixen-Bressanone, Italy, August 30 - September 4, 2009, Tutorial Lectures",

year="2009",

publisher="Springer Berlin Heidelberg",

address="Berlin, Heidelberg",

pages="40--110",

isbn="978-3-642-03754-2",

doi="10.1007/978-3-642-03754-2\_2",

url="http://dx.doi.org/10.1007/978-3-642-03754-2\_2"

}

@article{HAKEN:TCS:1985,

title = "The intractability of resolution",

journal = "Theoretical Computer Science",

volume = "39",

pages = "297 - 308",

year = "1985",

note = "Third Conference on Foundations of Software Technology and Theoretical Computer Science",

issn = "0304-3975",

doi = "http://dx.doi.org/10.1016/0304-3975(85)90144-6",

url = "http://www.sciencedirect.com/science/article/pii/0304397585901446",

author = "Armin Haken",

}

@inproceedings{DBLP:conf/ijcai/ZhangR16,

author = {Yuanlin Zhang and

Maede Rayatidamavandi},

title = {A Characterization of the Semantics of Logic Programs with Aggregates},

booktitle = {Proceedings of the Twenty-Fifth International Joint Conference on

Artificial Intelligence, {IJCAI} 2016, New York, NY, USA, 9-15 July

2016},

pages = {1338--1344},

year = {2016},

crossref = {DBLP:conf/ijcai/2016},

url = {http://www.ijcai.org/Abstract/16/193},

timestamp = {Fri, 15 Jul 2016 15:58:28 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/ijcai/ZhangR16},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/ijcai/2016,

editor = {Subbarao Kambhampati},

title = {Proceedings of the Twenty-Fifth International Joint Conference on

Artificial Intelligence, {IJCAI} 2016, New York, NY, USA, 9-15 July

2016},

publisher = {{IJCAI/AAAI} Press},

year = {2016},

url = {http://www.ijcai.org/Proceedings/2016},

isbn = {978-1-57735-770-4},

timestamp = {Fri, 15 Jul 2016 15:25:58 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/ijcai/2016},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@BOOK{Patrick2007:Handbook,

author={Patrick, Blackburn and Wolter, Frank and Benthem, Johan Van},

title={Handbook of modal logic},

PUBLISHER = {Elsevier},

YEAR = {2007},

volume = {3},

number = {7},

}

@article{Ladner:SIAM:1977,

author = {Richard E. Ladner},

title = {The Computational Complexity of Provability in Systems of Modal Propositional Logic},

journal = {SIAM Journal on Computing},

volume = {6},

number = {3},

pages = {467-480},

year = {1977},

doi = {10.1137/0206033},

}

@inproceedings{Niveau:IJCAI:2016,

author = {Niveau, Alexandre and Zanuttini, Bruno},

title = {Efficient Representations for the Modal Logic S5},

booktitle = {Proceedings of the Twenty-Fifth International Joint Conference on Artificial Intelligence},

series = {IJCAI'16},

year = {2016},

isbn = {978-1-57735-770-4},

location = {New York, New York, USA},

pages = {1223--1229},

numpages = {7},

url = {http://dl.acm.org/citation.cfm?id=3060621.3060791},

acmid = {3060791},

publisher = {AAAI Press},

}

@inproceedings{Bienvenu:AAAI:2010,

author = {Bienvenu, Meghyn and Fargier, H{\'e}l\`{e}ne and Marquis, Pierre},

title = {Knowledge Compilation in the Modal Logic S5},

booktitle = {Proceedings of the Twenty-Fourth AAAI Conference on Artificial Intelligence},

series = {AAAI'10},

year = {2010},

location = {Atlanta, Georgia},

pages = {261--266},

numpages = {6},

url = {http://dl.acm.org/citation.cfm?id=2898607.2898649},

acmid = {2898649},

publisher = {AAAI Press}

}

@BOOK{Daizhan:Book:2011,

AUTHOR = {Daizhan Cheng and Hongsheng Qi and Zhiqiang Li},

TITLE = {Analysis and Control of Boolean Networks: A Semi-tensor Product Approach},

PUBLISHER = {Springer London},

YEAR = {2011},

series = {Communications and Control Engineering}

}

@article{DBLP:journals/ml/CortesV95,

author = {Corinna Cortes and

Vladimir Vapnik},

title = {Support-Vector Networks},

journal = {Machine Learning},

volume = {20},

number = {3},

pages = {273--297},

year = {1995},

url = {http://dx.doi.org/10.1007/BF00994018},

doi = {10.1007/BF00994018},

timestamp = {Thu, 26 May 2011 15:25:06 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/ml/CortesV95},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{Silva:AES:2011,

title = "A survey on algorithmic debugging strategies ",

journal = "Advances in Engineering Software ",

volume = "42",

number = "11",

pages = "976 - 991",

year = "2011",

note = "",

issn = "0965-9978",

doi = "http://dx.doi.org/10.1016/j.advengsoft.2011.05.024",

url = "http://www.sciencedirect.com/science/article/pii/S0965997811001311",

author = "Josep Silva",

}

@article{Caballero:ETCS:2007,

title = "Algorithmic Debugging of Java Programs",

journal = "Electronic Notes in Theoretical Computer Science",

volume = "177",

pages = "75 - 89",

year = "2007",

issn = "1571-0661",

doi = "http://dx.doi.org/10.1016/j.entcs.2007.01.005",

url = "http://www.sciencedirect.com/science/article/pii/S1571066107002149",

author = "R. Caballero and C. Hermanns and H. Kuchen",

keywords = "Declarative Debugging",

keywords = "Object-Oriented Languages"

}

@Article{Muggleton:NGC:1995,

author="Muggleton, Stephen",

title="Inverse entailment and progol",

journal="New Generation Computing",

year="1995",

volume="13",

number="3",

pages="245--286",

issn="1882-7055",

doi="10.1007/BF03037227",

url="http://dx.doi.org/10.1007/BF03037227"

}

@inproceedings{DBLP:conf/icml/MuggletonB88,

author = {Stephen Muggleton and

Wray L. Buntine},

title = {Machine Invention of First Order Predicates by Inverting Resolution},

booktitle = {Machine Learning, Proceedings of the Fifth International Conference

on Machine Learning, Ann Arbor, Michigan, USA, June 12-14, 1988},

pages = {339--352},

year = {1988},

crossref = {DBLP:conf/icml/1988},

timestamp = {Fri, 23 Dec 2011 14:54:21 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/icml/MuggletonB88},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/icml/1988,

editor = {John E. Laird},

title = {Machine Learning, Proceedings of the Fifth International Conference

on Machine Learning, Ann Arbor, Michigan, USA, June 12-14, 1988},

publisher = {Morgan Kaufmann},

year = {1988},

isbn = {0-934613-64-8},

timestamp = {Fri, 16 Dec 2011 12:43:25 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/icml/1988},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@book{Nienhuys:book:1997,

title={Foundations of Inductive Logic Programming},

author={Nienhuys-Cheng, Shan Hwei and Wolf, Roland De},

publisher={Springer Berlin Heidelberg},

year={1997},

}

@article{Flener:AIR:2008,

title={An introduction to inductive programming},

author={Flener, Pierre and Schmid, Ute},

journal={Artificial Intelligence Review},

volume={29},

number={1},

pages={45-62},

year={2008},

}

@article{Ahlgren:JMLR:2013,

title={Efficient Program Synthesis Using Constraint Satisfaction in Inductive Logic Programming},

author={Ahlgren, John and Yuen, Shiu Yin},

journal={Journal of Machine Learning Research},

volume={14},

number={18},

pages={3649-3682},

year={2013},

}

@inproceedings{Summers:JACM:1976,

title={A methodology for LISP program construction from examples},

author={Summers, Phillip D},

booktitle={ACM Sigact-Sigplan Symposium on Principles on Programming Languages},

pages={68-76},

year={1976},

}

@article{Flener:JLP:1999,

title={Inductive synthesis of recursive logic programs: achievements and prospects},

author={Flener, Pierre and Y?ilmaz, Serap},

journal={Journal of Logic Programming},

volume={41},

number={2¨C3},

pages={141-195},

year={1999},

}

@Inbook{Kitzelmann:AAIP:2010,

author="Kitzelmann, Emanuel",

editor="Schmid, Ute

and Kitzelmann, Emanuel

and Plasmeijer, Rinus",

title="Inductive Programming: A Survey of Program Synthesis Techniques",

bookTitle="Approaches and Applications of Inductive Programming:

Third International Workshop, AAIP 2009, Edinburgh, UK, September 4, 2009. Revised Papers",

year="2010",

publisher="Springer Berlin Heidelberg",

address="Berlin, Heidelberg",

pages="50--73",

isbn="978-3-642-11931-6",

doi="10.1007/978-3-642-11931-6\_3",

url="http://dx.doi.org/10.1007/978-3-642-11931-6\_3"

}

@book{Lavrac:1994,

title={Inductive Logic Programming: Techniques and Applications},

author={Lavrac, Nada and Dzeroski, Saso},

publisher={Ellis Horwood, New York},

year={1994},

}

@inproceedings{Nienhuys:ECAI:1996,

title={A Complete Method for Program Specialization Based on Unfolding},

author={Nienhuys-Cheng, Shan Hwei and Wolf, Ronald De},

booktitle={European Conference on Artificial Intelligence, Budapest, Hungary, August 11-16, 1996, Proceedings},

pages={438-442},

year={1996},

}

@article{Varlaro2008Learning,

title={Learning recursive theories with the separate-and-parallel conquer strategy},

author={Varlaro, Antonio and Berardi, Margherita and Malerba, Donato},

journal={Proceedings of the Workshop on Advances in Inductive Rule Learning

in Conjunction with ECML/PKDD},

year={2008},

}

@article{Schmid:2011:CSR,

title = "Inductive rule learning on the knowledge level ",

journal = "Cognitive Systems Research ",

volume = "12",

number = "3-4",

pages = "237 - 248",

year = "2011",

note = "Special Issue on Complex Cognition ",

issn = "1389-0417",

doi = "http://dx.doi.org/10.1016/j.cogsys.2010.12.002",

url = "http://www.sciencedirect.com/science/article/pii/S138904171000080X",

author = "Ute Schmid and Emanuel Kitzelmann",

keywords = "Inductive programming",

keywords = "Rule learning",

keywords = "Learning from examples",

keywords = "Learning and planning ",

}

@article{Kitzelmann:JMLR:2006,

title={Inductive Synthesis of Functional Programs: An Explanation Based Generalization Approach},

author={Kitzelmann, Emanuel and Schmid, Ute},

journal={Journal of Machine Learning Research},

volume={7},

number={3},

pages={429-454},

year={2006},

}

@article{malerba:FI:2003,

title={Learning recursive theories in the normal ILP setting},

author={Malerba, Donato},

journal={Fundamenta Informaticae},

volume={57},

number={1},

pages={39--77},

year={2003},

publisher={IOS Press}

}

@inproceedings{varlaro:IAI:2004,

title={Improving efficiency of recursive theory learning},

author={Varlaro, Antonio and Berardi, Margherita and Malerba, Donato},

booktitle={Italian Conference on Computational Logic},

volume={251},

pages={220--234},

year={2004}

}

@article{Buntine:AIJ:1988,

title={Generalized subsumption and its applications to induction and redundancy},

author={Buntine, Wray},

journal={Artificial Intelligence},

volume={36},

number={2},

pages={149-176},

year={1988},

}

@inproceedings{DBLP:conf/flops/PemmasaniGDRR04,

author = {Giridhar Pemmasani and

Hai{-}Feng Guo and

Yifei Dong and

C. R. Ramakrishnan and

I. V. Ramakrishnan},

title = {Online Justification for Tabled Logic Programs},

booktitle = {Functional and Logic Programming, 7th International Symposium, {FLOPS}

2004, Nara, Japan, April 7-9, 2004, Proceedings},

pages = {24--38},

year = {2004},

crossref = {DBLP:conf/flops/2004},

url = {http://dx.doi.org/10.1007/978-3-540-24754-8\_4},

doi = {10.1007/978-3-540-24754-8\_4},

timestamp = {Wed, 06 Jul 2011 21:22:24 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/flops/PemmasaniGDRR04},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/flops/2004,

editor = {Yukiyoshi Kameyama and

Peter J. Stuckey},

title = {Functional and Logic Programming, 7th International Symposium, {FLOPS}

2004, Nara, Japan, April 7-9, 2004, Proceedings},

series = {Lecture Notes in Computer Science},

volume = {2998},

publisher = {Springer},

year = {2004},

isbn = {3-540-21402-X},

timestamp = {Fri, 05 Mar 2004 12:02:39 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/flops/2004},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{DBLP:journals/tplp/CabalarF16,

author = {Pedro Cabalar and

Jorge Fandinno},

title = {Justifications for programs with disjunctive and causal-choice rules},

journal = {{TPLP}},

volume = {16},

number = {5-6},

pages = {587--603},

year = {2016},

url = {http://dx.doi.org/10.1017/S1471068416000454},

doi = {10.1017/S1471068416000454},

timestamp = {Thu, 08 Dec 2016 18:00:27 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/tplp/CabalarF16},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@inproceedings{DBLP:conf/lpnmr/DamasioAA13,

author = {Carlos Viegas Dam{\'{a}}sio and

Anastasia Analyti and

Grigoris Antoniou},

title = {Justifications for Logic Programming},

booktitle = {Logic Programming and Nonmonotonic Reasoning, 12th International Conference,

{LPNMR} 2013, Corunna, Spain, September 15-19, 2013. Proceedings},

pages = {530--542},

year = {2013},

crossref = {DBLP:conf/lpnmr/2013},

url = {http://dx.doi.org/10.1007/978-3-642-40564-8\_53},

doi = {10.1007/978-3-642-40564-8\_53},

timestamp = {Fri, 08 Nov 2013 14:41:06 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/lpnmr/DamasioAA13},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/lpnmr/2013,

editor = {Pedro Cabalar and

Tran Cao Son},

title = {Logic Programming and Nonmonotonic Reasoning, 12th International Conference,

{LPNMR} 2013, Corunna, Spain, September 15-19, 2013. Proceedings},

series = {Lecture Notes in Computer Science},

volume = {8148},

publisher = {Springer},

year = {2013},

url = {http://dx.doi.org/10.1007/978-3-642-40564-8},

doi = {10.1007/978-3-642-40564-8},

isbn = {978-3-642-40563-1},

timestamp = {Fri, 08 Nov 2013 14:37:01 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/lpnmr/2013},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{DBLP:journals/tplp/CabalarF17,

author = {Pedro Cabalar and

Jorge Fandinno},

title = {Enablers and inhibitors in causal justifications of logic programs},

journal = {{TPLP}},

volume = {17},

number = {1},

pages = {49--74},

year = {2017},

url = {http://dx.doi.org/10.1017/S1471068416000107},

doi = {10.1017/S1471068416000107},

timestamp = {Mon, 16 Jan 2017 13:22:19 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/tplp/CabalarF17},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@inproceedings{DBLP:conf/lpnmr/DeneckerBS15,

author = {Marc Denecker and

Gerhard Brewka and

Hannes Strass},

title = {A Formal Theory of Justifications},

booktitle = {Logic Programming and Nonmonotonic Reasoning - 13th International

Conference, {LPNMR} 2015, Lexington, KY, USA, September 27-30, 2015.

Proceedings},

pages = {250--264},

year = {2015},

crossref = {DBLP:conf/lpnmr/2015},

url = {http://dx.doi.org/10.1007/978-3-319-23264-5\_22},

doi = {10.1007/978-3-319-23264-5\_22},

timestamp = {Tue, 15 Sep 2015 11:17:08 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/lpnmr/DeneckerBS15},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/lpnmr/2015,

editor = {Francesco Calimeri and

Giovambattista Ianni and

Miroslaw Truszczynski},

title = {Logic Programming and Nonmonotonic Reasoning - 13th International

Conference, {LPNMR} 2015, Lexington, KY, USA, September 27-30, 2015.

Proceedings},

series = {Lecture Notes in Computer Science},

volume = {9345},

publisher = {Springer},

year = {2015},

url = {http://dx.doi.org/10.1007/978-3-319-23264-5},

doi = {10.1007/978-3-319-23264-5},

isbn = {978-3-319-23263-8},

timestamp = {Tue, 15 Sep 2015 11:13:59 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/lpnmr/2015},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@INPROCEEDINGS{Franconi:NMR:2010,

AUTHOR = {Enrico Franconi and Thomas Meyer and Ivan Varzinczak},

TITLE = {Semantic Diff as the Basis for Knowledge Base Versioning},

BOOKTITLE = {13th International Workshop on Non-Monotonic Reasoning (NMR)},

YEAR = {2010},

address = {Toronto, Canada},

month = {14-16, May},

}

@inproceedings{BenEliyahuZohary2016DecomposingMM,

title={Decomposing Minimal Models},

author={Rachel Ben-Eliyahu-Zohary and Fabrizio Angiulli and Fabio Fassetti and Luigi Palopoli},

booktitle={KnowProS@IJCAI},

url= {ceur-ws.org/Vol-1648/paper1.pdf},

year={2016}

}

@article{DBLP:journals/tplp/PontelliSE09,

author = {Enrico Pontelli and

Tran Cao Son and

Omar El{-}Khatib},

title = {Justifications for logic programs under answer set semantics},

journal = {{TPLP}},

volume = {9},

number = {1},

pages = {1--56},

year = {2009},

url = {http://dx.doi.org/10.1017/S1471068408003633},

doi = {10.1017/S1471068408003633},

timestamp = {Tue, 05 May 2009 13:46:35 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/tplp/PontelliSE09},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@inproceedings{El-Khatib:2005:JDA,

author = {El-Khatib, Omar and Pontelli, Enrico and Son, Tran Cao},

title = {Justification and Debugging of Answer Set Programs in ASP},

booktitle = {Proceedings of the Sixth International Symposium on Automated Analysis-driven Debugging},

series = {AADEBUG'05},

year = {2005},

isbn = {1-59593-050-7},

location = {Monterey, California, USA},

pages = {49--58},

numpages = {10},

acmid = {1085137},

publisher = {ACM},

address = {New York, NY, USA},

keywords = {justifications, logic programming, small answer set programming},

}

@article{DBLP:journals/tplp/OetschPT10,

author = {Johannes Oetsch and

J{\"{o}}rg P{\"{u}}hrer and

Hans Tompits},

title = {Catching the Ouroboros: On debugging non-ground answer-set programs},

journal = {{TPLP}},

volume = {10},

number = {4-6},

pages = {513--529},

year = {2010},

url = {http://dx.doi.org/10.1017/S1471068410000256},

doi = {10.1017/S1471068410000256},

timestamp = {Sat, 10 Jul 2010 13:54:58 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/tplp/OetschPT10},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@inproceedings{DBLP:conf/aaai/GebserPST08,

author = {Martin Gebser and

J{\"{o}}rg P{\"{u}}hrer and

Torsten Schaub and

Hans Tompits},

title = {A Meta-Programming Technique for Debugging Answer-Set Programs},

booktitle = {Proceedings of the Twenty-Third {AAAI} Conference on Artificial Intelligence,

{AAAI} 2008, Chicago, Illinois, USA, July 13-17, 2008},

pages = {448--453},

year = {2008},

crossref = {DBLP:conf/aaai/2008},

url = {http://www.aaai.org/Library/AAAI/2008/aaai08-071.php},

timestamp = {Mon, 10 Dec 2012 17:36:53 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/aaai/GebserPST08},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/aaai/2008,

editor = {Dieter Fox and

Carla P. Gomes},

title = {Proceedings of the Twenty-Third {AAAI} Conference on Artificial Intelligence,

{AAAI} 2008, Chicago, Illinois, USA, July 13-17, 2008},

publisher = {{AAAI} Press},

year = {2008},

isbn = {978-1-57735-368-3},

timestamp = {Fri, 15 Aug 2008 11:13:22 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/aaai/2008},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@PHDTHESIS{Puhrer:PhD:Thesis,

AUTHOR = {J\"{o}rg P\"{u}hrer},

TITLE = {Stepwise Debugging in Answer-Set Programming},

SCHOOL = {Vienna University of Technology},

YEAR = {2014},

}

@article{DBLP:journals/amai/EiterG95,

author = {Thomas Eiter and

Georg Gottlob},

title = {On the Computational Cost of Disjunctive Logic Programming: Propositional

Case},

journal = {Ann. Math. Artif. Intell.},

volume = {15},

number = {3-4},

pages = {289--323},

year = {1995},

url = {http://dx.doi.org/10.1007/BF01536399},

doi = {10.1007/BF01536399},

timestamp = {Wed, 18 May 2011 16:17:38 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/amai/EiterG95},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@inproceedings{DBLP:conf/ijcai/JiWWWZX16,

author = {Jianmin Ji and

Hai Wan and

Kewen Wang and

Zhe Wang and

Chuhan Zhang and

Jiangtao Xu},

title = {Eliminating Disjunctions in Answer Set Programming by Restricted Unfolding},

booktitle = {Proceedings of the Twenty-Fifth International Joint Conference on

Artificial Intelligence, {IJCAI} 2016, New York, NY, USA, 9-15 July

2016},

pages = {1130--1137},

year = {2016},

crossref = {DBLP:conf/ijcai/2016},

url = {http://www.ijcai.org/Abstract/16/164},

timestamp = {Fri, 15 Jul 2016 15:58:28 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/ijcai/JiWWWZX16},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@inproceedings{DBLP:conf/ecai/Zhou14,

author = {Yi Zhou},

title = {From Disjunctive to Normal Logic Programs via Unfolding and Shifting},

booktitle = {{ECAI} 2014 - 21st European Conference on Artificial Intelligence,

18-22 August 2014, Prague, Czech Republic - Including Prestigious

Applications of Intelligent Systems {(PAIS} 2014)},

pages = {1139--1140},

year = {2014},

crossref = {DBLP:conf/ecai/2014},

url = {http://dx.doi.org/10.3233/978-1-61499-419-0-1139},

doi = {10.3233/978-1-61499-419-0-1139},

timestamp = {Thu, 11 Sep 2014 16:14:08 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/ecai/Zhou14},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/ecai/2014,

editor = {Torsten Schaub and

Gerhard Friedrich and

Barry O'Sullivan},

title = {{ECAI} 2014 - 21st European Conference on Artificial Intelligence,

18-22 August 2014, Prague, Czech Republic - Including Prestigious

Applications of Intelligent Systems {(PAIS} 2014)},

series = {Frontiers in Artificial Intelligence and Applications},

volume = {263},

publisher = {{IOS} Press},

year = {2014},

isbn = {978-1-61499-418-3},

timestamp = {Thu, 11 Sep 2014 15:40:47 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/ecai/2014},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@inproceedings{DBLP:conf/ijcai/GebserKS13,

author = {Martin Gebser and

Benjamin Kaufmann and

Torsten Schaub},

title = {Advanced Conflict-Driven Disjunctive Answer Set Solving},

booktitle = {{IJCAI} 2013, Proceedings of the 23rd International Joint Conference

on Artificial Intelligence, Beijing, China, August 3-9, 2013},

pages = {912--918},

year = {2013},

crossref = {DBLP:conf/ijcai/2013},

url = {http://www.aaai.org/ocs/index.php/IJCAI/IJCAI13/paper/view/6835},

timestamp = {Wed, 20 Jul 2016 15:16:56 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/ijcai/GebserKS13},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/ijcai/2013,

editor = {Francesca Rossi},

title = {{IJCAI} 2013, Proceedings of the 23rd International Joint Conference

on Artificial Intelligence, Beijing, China, August 3-9, 2013},

publisher = {{IJCAI/AAAI}},

year = {2013},

url = {http://ijcai.org/proceedings/2013},

isbn = {978-1-57735-633-2},

timestamp = {Wed, 20 Jul 2016 15:16:56 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/ijcai/2013},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@inproceedings{DBLP:conf/aaai/JiWXHX14,

author = {Jianmin Ji and

Hai Wan and

Peng Xiao and

Ziwei Huo and

Zhanhao Xiao},

title = {Elementary Loops Revisited},

booktitle = {Proceedings of the Twenty-Eighth {AAAI} Conference on Artificial Intelligence,

July 27 -31, 2014, Qu{\'{e}}bec City, Qu{\'{e}}bec, Canada.},

pages = {1063--1069},

year = {2014},

crossref = {DBLP:conf/aaai/2014},

url = {http://www.aaai.org/ocs/index.php/AAAI/AAAI14/paper/view/8371},

timestamp = {Thu, 31 Jul 2014 09:00:19 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/aaai/JiWXHX14},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/aaai/2014,

editor = {Carla E. Brodley and

Peter Stone},

title = {Proceedings of the Twenty-Eighth {AAAI} Conference on Artificial Intelligence,

July 27 -31, 2014, Qu{\'{e}}bec City, Qu{\'{e}}bec, Canada},

publisher = {{AAAI} Press},

year = {2014},

url = {http://www.aaai.org/Library/AAAI/aaai14contents.php},

isbn = {978-1-57735-661-5},

timestamp = {Thu, 31 Jul 2014 08:59:54 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/aaai/2014},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@inproceedings{DBLP:conf/aaai/JiWX15,

author = {Jianmin Ji and

Hai Wan and

Peng Xiao},

title = {On Elementary Loops and Proper Loops for Disjunctive Logic Programs},

booktitle = {Proceedings of the Twenty-Ninth {AAAI} Conference on Artificial Intelligence,

January 25-30, 2015, Austin, Texas, {USA.}},

pages = {1518--1524},

year = {2015},

crossref = {DBLP:conf/aaai/2015},

url = {http://www.aaai.org/ocs/index.php/AAAI/AAAI15/paper/view/9533},

timestamp = {Sun, 12 Apr 2015 15:18:08 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/aaai/JiWX15},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@inproceedings{DBLP:conf/aaai/GebserLL06,

author = {Martin Gebser and

Joohyung Lee and

Yuliya Lierler},

title = {Elementary Sets of Logic Programs},

booktitle = {Proceedings, The Twenty-First National Conference on Artificial Intelligence

and the Eighteenth Innovative Applications of Artificial Intelligence

Conference, July 16-20, 2006, Boston, Massachusetts, {USA}},

pages = {244--249},

year = {2006},

crossref = {DBLP:conf/aaai/2006},

url = {http://www.aaai.org/Library/AAAI/2006/aaai06-039.php},

timestamp = {Mon, 19 Mar 2012 18:06:04 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/aaai/GebserLL06},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/aaai/2006,

title = {Proceedings, The Twenty-First National Conference on Artificial Intelligence

and the Eighteenth Innovative Applications of Artificial Intelligence

Conference, July 16-20, 2006, Boston, Massachusetts, {USA}},

publisher = {{AAAI} Press},

year = {2006},

timestamp = {Thu, 13 Jul 2006 12:28:06 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/aaai/2006},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{DBLP:journals/ai/Ben-Eliyahu-ZoharyP97,

author = {Rachel Ben{-}Eliyahu{-}Zohary and

Luigi Palopoli},

title = {Reasoning with Minimal Models: Efficient Algorithms and Applications},

journal = {Artif. Intell.},

volume = {96},

number = {2},

pages = {421--449},

year = {1997},

url = {http://dx.doi.org/10.1016/S0004-3702(97)00060-X},

doi = {10.1016/S0004-3702(97)00060-X},

timestamp = {Wed, 19 Nov 2003 16:01:06 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/ai/Ben-Eliyahu-ZoharyP97},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{DBLP:journals/ai/AngiulliBFP14,

author = {Fabrizio Angiulli and

Rachel Ben{-}Eliyahu{-}Zohary and

Fabio Fassetti and

Luigi Palopoli},

title = {On the tractability of minimal model computation for some {CNF} theories},

journal = {Artif. Intell.},

volume = {210},

pages = {56--77},

year = {2014},

url = {http://dx.doi.org/10.1016/j.artint.2014.02.003},

doi = {10.1016/j.artint.2014.02.003},

timestamp = {Mon, 24 Mar 2014 13:11:50 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/ai/AngiulliBFP14},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{DBLP:journals/amai/Ben-EliyahuD94,

author = {Rachel Ben{-}Eliyahu and

Rina Dechter},

title = {Propositional Semantics for Disjunctive Logic Programs},

journal = {Ann. Math. Artif. Intell.},

volume = {12},

number = {1-2},

pages = {53--87},

year = {1994},

url = {http://dx.doi.org/10.1007/BF01530761},

doi = {10.1007/BF01530761},

timestamp = {Wed, 18 May 2011 16:17:35 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/amai/Ben-EliyahuD94},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{DBLP:journals/amai/Ben-EliyahuD96,

author = {Rachel Ben{-}Eliyahu and

Rina Dechter},

title = {On Computing Minimal Models},

journal = {Ann. Math. Artif. Intell.},

volume = {18},

number = {1},

pages = {3--27},

year = {1996},

url = {http://dx.doi.org/10.1007/BF02136172},

doi = {10.1007/BF02136172},

timestamp = {Wed, 18 May 2011 16:17:39 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/amai/Ben-EliyahuD96},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{DBLP:journals/ai/Ben-Eliyahu-Zohary05,

author = {Rachel Ben{-}Eliyahu{-}Zohary},

title = {An incremental algorithm for generating all minimal models},

journal = {Artif. Intell.},

volume = {169},

number = {1},

pages = {1--22},

year = {2005},

url = {http://dx.doi.org/10.1016/j.artint.2005.06.003},

doi = {10.1016/j.artint.2005.06.003},

timestamp = {Thu, 01 Dec 2005 13:51:28 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/ai/Ben-Eliyahu-Zohary05},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@INPROCEEDINGS{Cadoli:1992:IT-AI,

AUTHOR = {Marco Cadoli},

TITLE = {On the complexity of model finding for nonmonotonic propositional logics},

BOOKTITLE = {4th Italian Conference on Theoretical Computer Science},

YEAR = {1992},

pages = {125 - 139},

address = {},

month = {October},

publisher = {World Scientific Publishing Co.},

}

@inproceedings{DBLP:conf/kr/EiterFFPW04,

author = {Thomas Eiter and

Wolfgang Faber and

Michael Fink and

Gerald Pfeifer and

Stefan Woltran},

title = {Complexity of Model Checking and Bounded Predicate Arities for Non-ground

Answer Set Programming},

booktitle = {Principles of Knowledge Representation and Reasoning: Proceedings

of the Ninth International Conference (KR2004), Whistler, Canada,

June 2-5, 2004},

pages = {377--387},

year = {2004},

crossref = {DBLP:conf/kr/2004},

url = {http://www.aaai.org/Library/KR/2004/kr04-040.php},

timestamp = {Thu, 13 Dec 2012 12:01:46 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/kr/EiterFFPW04},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/kr/2004,

editor = {Didier Dubois and

Christopher A. Welty and

Mary{-}Anne Williams},

title = {Principles of Knowledge Representation and Reasoning: Proceedings

of the Ninth International Conference (KR2004), Whistler, Canada,

June 2-5, 2004},

publisher = {{AAAI} Press},

year = {2004},

isbn = {1-57735-199-1},

timestamp = {Mon, 21 Jun 2004 09:48:15 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/kr/2004},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@inproceedings{DBLP:conf/ecai/0001KL16,

author = {Ricardo Gon{\c{c}}alves and

Matthias Knorr and

Jo{\~{a}}o Leite},

title = {You Can't Always Forget What You Want: On the Limits of Forgetting

in Answer Set Programming},

booktitle = {{ECAI} 2016 - 22nd European Conference on Artificial Intelligence,

29 August-2 September 2016, The Hague, The Netherlands - Including

Prestigious Applications of Artificial Intelligence {(PAIS} 2016)},

pages = {957--965},

year = {2016},

crossref = {DBLP:conf/ecai/2016},

url = {http://dx.doi.org/10.3233/978-1-61499-672-9-957},

doi = {10.3233/978-1-61499-672-9-957},

timestamp = {Tue, 30 Aug 2016 11:14:30 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/ecai/0001KL16},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/ecai/2016,

editor = {Gal A. Kaminka and

Maria Fox and

Paolo Bouquet and

Eyke H{\"{u}}llermeier and

Virginia Dignum and

Frank Dignum and

Frank van Harmelen},

title = {{ECAI} 2016 - 22nd European Conference on Artificial Intelligence,

29 August-2 September 2016, The Hague, The Netherlands - Including

Prestigious Applications of Artificial Intelligence {(PAIS} 2016)},

series = {Frontiers in Artificial Intelligence and Applications},

volume = {285},

publisher = {{IOS} Press},

year = {2016},

isbn = {978-1-61499-671-2},

timestamp = {Tue, 30 Aug 2016 10:30:24 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/ecai/2016},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@inproceedings{DBLP:conf/jelia/0001KL16,

author = {Ricardo Gon{\c{c}}alves and

Matthias Knorr and

Jo{\~{a}}o Leite},

title = {Forgetting in {ASP:} The Forgotten Properties},

booktitle = {Logics in Artificial Intelligence - 15th European Conference, {JELIA}

2016, Larnaca, Cyprus, November 9-11, 2016, Proceedings},

pages = {543--550},

year = {2016},

crossref = {DBLP:conf/jelia/2016},

url = {http://dx.doi.org/10.1007/978-3-319-48758-8\_37},

doi = {10.1007/978-3-319-48758-8\_37},

timestamp = {Wed, 02 Nov 2016 13:15:39 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/jelia/0001KL16},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/jelia/2016,

editor = {Loizos Michael and

Antonis C. Kakas},

title = {Logics in Artificial Intelligence - 15th European Conference, {JELIA}

2016, Larnaca, Cyprus, November 9-11, 2016, Proceedings},

series = {Lecture Notes in Computer Science},

volume = {10021},

year = {2016},

url = {http://dx.doi.org/10.1007/978-3-319-48758-8},

doi = {10.1007/978-3-319-48758-8},

isbn = {978-3-319-48757-1},

timestamp = {Wed, 02 Nov 2016 13:12:19 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/jelia/2016},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@inproceedings{DBLP:conf/kr/0001KL16,

author = {Ricardo Gon{\c{c}}alves and

Matthias Knorr and

Jo{\~{a}}o Leite},

title = {The Ultimate Guide to Forgetting in Answer Set Programming},

booktitle = {Principles of Knowledge Representation and Reasoning: Proceedings

of the Fifteenth International Conference, {KR} 2016, Cape Town, South

Africa, April 25-29, 2016.},

pages = {135--144},

year = {2016},

crossref = {DBLP:conf/kr/2016},

url = {http://www.aaai.org/ocs/index.php/KR/KR16/paper/view/12849},

timestamp = {Thu, 21 Apr 2016 20:01:05 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/kr/0001KL16},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/kr/2016,

editor = {Chitta Baral and

James P. Delgrande and

Frank Wolter},

title = {Principles of Knowledge Representation and Reasoning: Proceedings

of the Fifteenth International Conference, {KR} 2016, Cape Town, South

Africa, April 25-29, 2016},

publisher = {{AAAI} Press},

year = {2016},

url = {http://www.aaai.org/Library/KR/kr16contents.php},

isbn = {978-1-57735-755-1},

timestamp = {Thu, 21 Apr 2016 20:01:05 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/kr/2016},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{Gulwani:2015:CACM,

author = {Gulwani, Sumit and Hern\'{a}ndez-Orallo, Jos{\'e} and Kitzelmann, Emanuel and Muggleton, Stephen H. and Schmid, Ute and Zorn, Benjamin},

title = {Inductive Programming Meets the Real World},

journal = {Commun. ACM},

issue\_date = {November 2015},

volume = {58},

number = {11},

month = oct,

year = {2015},

issn = {0001-0782},

pages = {90--99},

numpages = {10},

url = {http://doi.acm.org/10.1145/2736282},

doi = {10.1145/2736282},

acmid = {2736282},

publisher = {ACM},

address = {New York, NY, USA},

}

@inproceedings{DBLP:conf/ilp/Muggleton96,

author = {Stephen Muggleton},

title = {Learning from Positive Data},

booktitle = {Inductive Logic Programming, 6th International Workshop, ILP-96, Stockholm,

Sweden, August 26-28, 1996, Selected Papers},

pages = {358--376},

year = {1996},

crossref = {DBLP:conf/ilp/1996},

url = {http://dx.doi.org/10.1007/3-540-63494-0\_65},

doi = {10.1007/3-540-63494-0\_65},

timestamp = {Thu, 16 Jun 2011 15:49:18 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/ilp/Muggleton96},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/ilp/1996,

editor = {Stephen Muggleton},

title = {Inductive Logic Programming, 6th International Workshop, ILP-96, Stockholm,

Sweden, August 26-28, 1996, Selected Papers},

series = {Lecture Notes in Computer Science},

volume = {1314},

publisher = {Springer},

year = {1997},

isbn = {3-540-63494-0},

timestamp = {Fri, 10 Jan 2003 16:29:19 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/ilp/1996},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@inproceedings{Kietz:ML:1994,

author = {J{\"{o}}rg{-}Uwe Kietz and

Marcus L{\"{u}}bbe},

title = {An Efficient Subsumption Algorithm for Inductive Logic Programming},

booktitle = {Machine Learning, Proceedings of the Eleventh International Conference,

Rutgers University, New Brunswick, NJ, USA, July 10-13, 1994},

pages = {130--138},

year = {1994},

crossref = {DBLP:conf/icml/1994},

timestamp = {Fri, 23 Dec 2011 14:54:21 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/icml/KietzL94},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/icml/1994,

editor = {William W. Cohen and

Haym Hirsh},

title = {Machine Learning, Proceedings of the Eleventh International Conference,

Rutgers University, New Brunswick, NJ, USA, July 10-13, 1994},

publisher = {Morgan Kaufmann},

year = {1994},

isbn = {1-55860-335-2},

timestamp = {Fri, 16 Dec 2011 12:43:25 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/icml/1994},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@inproceedings{DBLP:conf/ijcai/Gupta87,

author = {Ajay Gupta},

title = {Hardware Diagnosis as Program Debugging},

booktitle = {Proceedings of the 10th International Joint Conference on Artificial

Intelligence. Milan, Italy, August 23-28, 1987},

pages = {524--526},

year = {1987},

crossref = {DBLP:conf/ijcai/1987},

url = {http://ijcai.org/Proceedings/87-1/Papers/104.pdf},

timestamp = {Tue, 19 Jul 2016 13:02:58 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/ijcai/Gupta87},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/ijcai/1987,

editor = {John P. McDermott},

title = {Proceedings of the 10th International Joint Conference on Artificial

Intelligence. Milan, Italy, August 23-28, 1987},

publisher = {Morgan Kaufmann},

year = {1987},

url = {http://ijcai.org/proceedings/1987-1},

timestamp = {Tue, 19 Jul 2016 12:24:56 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/ijcai/1987},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{DBLP:journals/tplp/LawRB16,

author = {Mark Law and

Alessandra Russo and

Krysia Broda},

title = {Iterative Learning of Answer Set Programs from Context Dependent Examples},

journal = {{TPLP}},

volume = {16},

number = {5-6},

pages = {834--848},

year = {2016},

url = {http://dx.doi.org/10.1017/S1471068416000351},

doi = {10.1017/S1471068416000351},

timestamp = {Thu, 08 Dec 2016 18:00:27 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/tplp/LawRB16},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{DBLP:journals/tplp/LawRB15,

author = {Mark Law and

Alessandra Russo and

Krysia Broda},

title = {Learning weak constraints in answer set programming},

journal = {{TPLP}},

volume = {15},

number = {4-5},

pages = {511--525},

year = {2015},

url = {http://dx.doi.org/10.1017/S1471068415000198},

doi = {10.1017/S1471068415000198},

timestamp = {Mon, 07 Sep 2015 14:17:52 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/tplp/LawRB15},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@inproceedings{DBLP:conf/jelia/LawRB14,

author = {Mark Law and

Alessandra Russo and

Krysia Broda},

title = {Inductive Learning of Answer Set Programs},

booktitle = {Logics in Artificial Intelligence - 14th European Conference, {JELIA}

2014, Funchal, Madeira, Portugal, September 24-26, 2014. Proceedings},

pages = {311--325},

year = {2014},

crossref = {DBLP:conf/jelia/2014},

url = {http://dx.doi.org/10.1007/978-3-319-11558-0\_22},

doi = {10.1007/978-3-319-11558-0\_22},

timestamp = {Tue, 16 Sep 2014 10:44:05 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/jelia/LawRB14},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/jelia/2014,

editor = {Eduardo Ferm{\'{e}} and

Jo{\~{a}}o Leite},

title = {Logics in Artificial Intelligence - 14th European Conference, {JELIA}

2014, Funchal, Madeira, Portugal, September 24-26, 2014. Proceedings},

series = {Lecture Notes in Computer Science},

volume = {8761},

publisher = {Springer},

year = {2014},

url = {http://dx.doi.org/10.1007/978-3-319-11558-0},

doi = {10.1007/978-3-319-11558-0},

isbn = {978-3-319-11557-3},

timestamp = {Tue, 16 Sep 2014 10:40:03 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/jelia/2014},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@inproceedings{Dubois1994Possibilistic,

title={Possibilistic logic},

author={Dubois, Didier and Prade, Henri},

booktitle={Handbook of logic in artificial intelligence and logic programming (vol. 3)},

pages={439-513},

year={1994},

}

@Book{Gebser:Book:2012,

author = "M. Gebser and R. Kaminski and B. Kaufmann and T. Schaub",

title = "Answer Set Solving in Practice",

publisher = "Morgan and Claypool Publishers",

year = 2012,

series = "Synthesis Lectures on Artificial Intelligence and Machine Learning"

}

@inproceedings{DBLP:conf/ilp/FanizzidE08,

author = {Nicola Fanizzi and

Claudia d'Amato and

Floriana Esposito},

title = {{DL-FOIL} Concept Learning in Description Logics},

booktitle = {Inductive Logic Programming, 18th International Conference, {ILP}

2008, Prague, Czech Republic, September 10-12, 2008, Proceedings},

pages = {107--121},

year = {2008},

crossref = {DBLP:conf/ilp/2008},

url = {http://dx.doi.org/10.1007/978-3-540-85928-4\_12},

doi = {10.1007/978-3-540-85928-4\_12},

timestamp = {Mon, 01 Sep 2008 15:00:37 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/ilp/FanizzidE08},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/ilp/2008,

editor = {Filip Zelezn{\'{y}} and

Nada Lavrac},

title = {Inductive Logic Programming, 18th International Conference, {ILP}

2008, Prague, Czech Republic, September 10-12, 2008, Proceedings},

series = {Lecture Notes in Computer Science},

volume = {5194},

publisher = {Springer},

year = {2008},

isbn = {978-3-540-85927-7},

timestamp = {Mon, 01 Sep 2008 14:59:31 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/ilp/2008},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@book{Shapiro:1983:APD,

author = {Shapiro, Ehud Y.},

title = {Algorithmic Program Debugging},

year = {1982},

isbn = {0262192187},

publisher = {MIT Press},

address = {Cambridge, MA, USA},

}

@Article{Quinlan:JML:1990,

author="Quinlan, J.R.",

title="Learning Logical Definitions from Relations",

journal="Machine Learning",

volume="5",

number="3",

pages="239--266",

year = "1990",

issn="1573-0565",

doi="10.1023/A:1022699322624",

url="http://dx.doi.org/10.1023/A:1022699322624"

}

@article{Caballero:ETCS:2008,

title = "A New Proposal for Debugging Datalog Programs ",

journal = "Electronic Notes in Theoretical Computer Science ",

volume = "216",

pages = "79 - 92",

year = "2008",

note = "Proceedings of the 16th International Workshop on Functional and (Constraint) Logic Programming (WFLP 2007) ",

issn = "1571-0661",

doi = "http://dx.doi.org/10.1016/j.entcs.2008.06.035",

url = "http://www.sciencedirect.com/science/article/pii/S1571066108003782",

author = "R. Caballero and Y. Garc\'{i}a-Ruiz and F. S\'{a}enz-P\'{e}rez",

keywords = "Declarative Debugging",

keywords = "Datalog Programs ",

}

@article {King:2009:Science,

author = {King, Ross D. and Rowland, Jem and Oliver, Stephen G. and Young,

Michael and Aubrey, Wayne and Byrne, Emma and Liakata, Maria and Markham,

Magdalena and Pir, Pinar and Soldatova, Larisa N. and Sparkes, Andrew and Whelan,

Kenneth E. and Clare, Amanda},

title = {The Automation of Science},

volume = {324},

number = {5923},

pages = {85--89},

year = {2009},

doi = {10.1126/science.1165620},

publisher = {American Association for the Advancement of Science},

abstract = {The basis of science is the hypothetico-deductive method and the recording of experiments in sufficient detail to enable reproducibility. We report the development of Robot Scientist {\textquotedblleft}Adam,{\textquotedblright} which advances the automation of both. Adam has autonomously generated functional genomics hypotheses about the yeast Saccharomyces cerevisiae and experimentally tested these hypotheses by using laboratory automation. We have confirmed Adam{\textquoteright}s conclusions through manual experiments. To describe Adam{\textquoteright}s research, we have developed an ontology and logical language. The resulting formalization involves over 10,000 different research units in a nested treelike structure, 10 levels deep, that relates the 6.6 million biomass measurements to their logical description. This formalization describes how a machine contributed to scientific knowledge.},

issn = {0036-8075},

URL = {http://science.sciencemag.org/content/324/5923/85},

eprint = {http://science.sciencemag.org/content/324/5923/85.full.pdf},

journal = {Science}

}

@inproceedings{DBLP:conf/birthday/InoueS12,

author = {Katsumi Inoue and

Chiaki Sakama},

title = {Oscillating Behavior of Logic Programs},

booktitle = {Correct Reasoning - Essays on Logic-Based {AI} in Honour of Vladimir

Lifschitz},

pages = {345--362},

year = {2012},

crossref = {DBLP:conf/birthday/2012lifschitz},

url = {http://dx.doi.org/10.1007/978-3-642-30743-0\_23},

doi = {10.1007/978-3-642-30743-0\_23},

timestamp = {Fri, 08 Jun 2012 14:52:43 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/birthday/InoueS12},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/birthday/2012lifschitz,

editor = {Esra Erdem and

Joohyung Lee and

Yuliya Lierler and

David Pearce},

title = {Correct Reasoning - Essays on Logic-Based {AI} in Honour of Vladimir

Lifschitz},

series = {Lecture Notes in Computer Science},

volume = {7265},

publisher = {Springer},

year = {2012},

url = {http://dx.doi.org/10.1007/978-3-642-30743-0},

doi = {10.1007/978-3-642-30743-0},

isbn = {978-3-642-30742-3},

timestamp = {Fri, 08 Jun 2012 14:50:54 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/birthday/2012lifschitz},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{DBLP:journals/bioinformatics/ShmulevichDKZ02,

author = {Ilya Shmulevich and

Edward R. Dougherty and

Seungchan Kim and

Wei Zhang},

title = {Probabilistic Boolean networks: a rule-based uncertainty model for

gene regulatory networks},

journal = {Bioinformatics},

volume = {18},

number = {2},

pages = {261--274},

year = {2002},

url = {http://dx.doi.org/10.1093/bioinformatics/18.2.261},

doi = {10.1093/bioinformatics/18.2.261},

timestamp = {Tue, 22 Nov 2011 21:35:52 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/bioinformatics/ShmulevichDKZ02},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@Article{Jarrah2010,

author="Jarrah, Abdul Salam

and Laubenbacher, Reinhard

and Veliz-Cuba, Alan",

title="The Dynamics of Conjunctive and Disjunctive Boolean Network Models",

journal="Bulletin of Mathematical Biology",

year="2010",

volume="72",

number="6",

pages="1425--1447",

issn="1522-9602",

doi="10.1007/s11538-010-9501-z",

url="http://dx.doi.org/10.1007/s11538-010-9501-z"

}

@article{DBLP:journals/tcs/FolschettePIMR15,

author = {Maxime Folschette and

Lo{\"{\i}}c Paulev{\'{e}} and

Katsumi Inoue and

Morgan Magnin and

Olivier H. Roux},

title = {Identification of biological regulatory networks from Process Hitting

models},

journal = {Theoretical Computer Science},

volume = {568},

pages = {49--71},

year = {2015},

url = {http://dx.doi.org/10.1016/j.tcs.2014.12.002},

doi = {10.1016/j.tcs.2014.12.002},

timestamp = {Thu, 12 Feb 2015 11:30:37 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/tcs/FolschettePIMR15},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@inproceedings{DBLP:conf/ilp/RibeiroI14,

author = {Tony Ribeiro and

Katsumi Inoue},

title = {Learning Prime Implicant Conditions from Interpretation Transition},

booktitle = {Inductive Logic Programming - 24th International Conference, {ILP}

2014, Nancy, France, September 14-16, 2014, Revised Selected Papers},

pages = {108--125},

year = {2014},

crossref = {DBLP:conf/ilp/2014},

url = {http://dx.doi.org/10.1007/978-3-319-23708-4\_8},

doi = {10.1007/978-3-319-23708-4\_8},

timestamp = {Mon, 11 Jan 2016 12:53:44 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/ilp/RibeiroI14},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/ilp/2014,

editor = {Jesse Davis and

Jan Ramon},

title = {Inductive Logic Programming - 24th International Conference, {ILP}

2014, Nancy, France, September 14-16, 2014, Revised Selected Papers},

series = {Lecture Notes in Computer Science},

volume = {9046},

publisher = {Springer},

year = {2015},

url = {http://dx.doi.org/10.1007/978-3-319-23708-4},

doi = {10.1007/978-3-319-23708-4},

isbn = {978-3-319-23707-7},

timestamp = {Mon, 11 Jan 2016 12:52:20 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/ilp/2014},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@inproceedings{DBLP:conf/iclp/0004RIAT15,

author = {David Mart{\'{\i}}nez and

Tony Ribeiro and

Katsumi Inoue and

Guillem Aleny{\`{a}} and

Carme Torras},

title = {Learning Probabilistic Action Models from Interpretation Transitions},

booktitle = {Proceedings of the Technical Communications of the 31st International

Conference on Logic Programming {(ICLP} 2015), Cork, Ireland, August

31 - September 4, 2015.},

year = {2015},

crossref = {DBLP:conf/iclp/2015tc},

url = {http://ceur-ws.org/Vol-1433/tc\_30.pdf},

timestamp = {Fri, 04 Sep 2015 13:19:41 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/iclp/0004RIAT15},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/iclp/2015tc,

editor = {Marina De Vos and

Thomas Eiter and

Yuliya Lierler and

Francesca Toni},

title = {Proceedings of the Technical Communications of the 31st International

Conference on Logic Programming {(ICLP} 2015), Cork, Ireland, August

31 - September 4, 2015},

series = {{CEUR} Workshop Proceedings},

volume = {1433},

publisher = {CEUR-WS.org},

year = {2015},

url = {http://ceur-ws.org/Vol-1433},

timestamp = {Fri, 04 Sep 2015 12:50:43 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/iclp/2015tc},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@BOOK{Kearns:book:1994,

AUTHOR = {Michael J. Kearns and Umesh Vazirani},

TITLE = {An Introduction to Computational Learning Theory },

PUBLISHER = {MIT Press},

YEAR = {1994},

}

@article{Saadatpour20133,

title = "Boolean modeling of biological regulatory networks: A methodology tutorial ",

journal = "Methods ",

volume = "62",

number = "1",

pages = "3 - 12",

year = "2013",

issn = "1046-2023",

doi = "http://dx.doi.org/10.1016/j.ymeth.2012.10.012",

url = "http://www.sciencedirect.com/science/article/pii/S1046202312002770",

author = "Assieh Saadatpour and R\'{e}ka Albert",

keywords = "Biological regulatory networks",

keywords = "Boolean models",

keywords = "Structural analysis",

keywords = "Dynamic analysis",

keywords = "Drosophila segment polarity gene network ",

}

@article{Albert20031,

title = "The topology of the regulatory interactions predicts the expression pattern of the segment polarity genes in Drosophila melanogaster ",

journal = "Journal of Theoretical Biology ",

volume = "223",

number = "1",

pages = "1 - 18",

year = "2003",

issn = "0022-5193",

doi = "http://dx.doi.org/10.1016/S0022-5193(03)00035-3",

url = "http://www.sciencedirect.com/science/article/pii/S0022519303000353",

author = "R\'{e}ka Albert and Hans G Othmer",

keywords = "Drosophila segmentation",

keywords = "Segment polarity genes",

keywords = "Gene regulatory network",

keywords = "Boolean model ",

}

@inproceedings{DBLP:conf/lpnmr/Sakama01,

author = {Chiaki Sakama},

title = {Nonmonotonic Inductive Logic Programming},

booktitle = {Logic Programming and Nonmonotonic Reasoning, 6th International Conference,

{LPNMR} 2001, Vienna, Austria, September 17-19, 2001, Proceedings},

pages = {62--80},

year = {2001},

crossref = {DBLP:conf/lpnmr/2001},

url = {http://dx.doi.org/10.1007/3-540-45402-0\_5},

doi = {10.1007/3-540-45402-0\_5},

timestamp = {Tue, 28 Jun 2011 15:12:11 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/lpnmr/Sakama01},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/lpnmr/2001,

editor = {Thomas Eiter and

Wolfgang Faber and

Miroslaw Truszczynski},

title = {Logic Programming and Nonmonotonic Reasoning, 6th International Conference,

{LPNMR} 2001, Vienna, Austria, September 17-19, 2001, Proceedings},

series = {Lecture Notes in Computer Science},

volume = {2173},

publisher = {Springer},

year = {2001},

isbn = {3-540-42593-4},

timestamp = {Tue, 05 Mar 2002 09:41:07 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/lpnmr/2001},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@INCOLLECTION{Plotkin:1970,

AUTHOR = {Gordon D. Plotkin},

TITLE = {A Note on Inductive Generalisation},

BOOKTITLE = {Machine Intelligence},

PUBLISHER = {Edingburgh Unviersity Press},

YEAR = {1970},

editor = {B. Meltzer and D. Michie},

volume = {5},

chapter = {8},

pages = {153-163},

}

@inproceedings{DBLP:conf/ppdp/CaballeroGS15,

author = {Rafael Caballero and

Yolanda Garc{\'{\i}}a{-}Ruiz and

Fernando S{\'{a}}enz{-}P{\'{e}}rez},

title = {Debugging of wrong and missing answers for datalog programs with constraint

handling rules},

booktitle = {Proceedings of the 17th International Symposium on Principles and

Practice of Declarative Programming, Siena, Italy, July 14-16, 2015},

pages = {55--66},

year = {2015},

crossref = {DBLP:conf/ppdp/2015},

url = {http://doi.acm.org/10.1145/2790449.2790522},

doi = {10.1145/2790449.2790522},

timestamp = {Wed, 01 Jul 2015 15:24:47 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/ppdp/CaballeroGS15},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/ppdp/2015,

editor = {Moreno Falaschi and

Elvira Albert},

title = {Proceedings of the 17th International Symposium on Principles and

Practice of Declarative Programming, Siena, Italy, July 14-16, 2015},

publisher = {{ACM}},

year = {2015},

url = {http://dl.acm.org/citation.cfm?id=2790449},

isbn = {978-1-4503-3516-4},

timestamp = {Wed, 01 Jul 2015 15:17:57 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/ppdp/2015},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@inproceedings{DBLP:conf/iclp/LiVPSB15,

author = {Tingting Li and

Marina De Vos and

Julian Padget and

Ken Satoh and

Tina Balke},

title = {Debugging {ASP} using {ILP}},

booktitle = {Proceedings of the Technical Communications of the 31st International

Conference on Logic Programming {(ICLP} 2015), Cork, Ireland, August

31 - September 4, 2015.},

year = {2015},

crossref = {DBLP:conf/iclp/2015tc},

url = {http://ceur-ws.org/Vol-1433/tc\_26.pdf},

timestamp = {Fri, 04 Sep 2015 13:19:41 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/iclp/LiVPSB15},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{DBLP:journals/jmlr/PasseriniFR06,

author = {Andrea Passerini and

Paolo Frasconi and

Luc De Raedt},

title = {Kernels on Prolog Proof Trees: Statistical Learning in the {ILP} Setting},

journal = {Journal of Machine Learning Research},

volume = {7},

pages = {307--342},

year = {2006},

url = {http://www.jmlr.org/papers/v7/passerini06a.html},

timestamp = {Wed, 21 Feb 2007 09:15:40 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/jmlr/PasseriniFR06},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{DBLP:journals/datamine/BlockeelRJD99,

author = {Hendrik Blockeel and

Luc De Raedt and

Nico Jacobs and

Bart Demoen},

title = {Scaling Up Inductive Logic Programming by Learning from Interpretations},

journal = {Data Min. Knowl. Discov.},

volume = {3},

number = {1},

pages = {59--93},

year = {1999},

url = {http://dx.doi.org/10.1023/A:1009867806624},

doi = {10.1023/A:1009867806624},

timestamp = {Tue, 24 May 2011 14:18:12 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/datamine/BlockeelRJD99},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@BOOK{Serge:book:1995,

AUTHOR = {Abiteboul Serge and Hull Richard and Vianu, Victor},

TITLE = {Foundations of Databases},

PUBLISHER = {Addison-Wesley},

YEAR = {1995},

isbn = {9780201537710},

}

@INPROCEEDINGS{Bain:ILP:1992,

author = {Michael Bain and Stephen Muggleton},

title = {Non-monotonic Learning},

booktitle = {Inductive Logic Programming},

year = {1992},

pages = {145--161},

publisher = {Academic Press}

}

@book{DBLP:Lobo:books:1992,

author = {Jorge Lobo and

Jack Minker and

Arcot Rajasekar},

title = {Foundations of disjunctive logic programming},

series = {Logic Programming},

publisher = {{MIT} Press},

year = {1992},

isbn = {978-0-262-12165-1},

timestamp = {Mon, 02 May 2011 15:54:51 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/books/daglib/0069187},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{Carlos:2002:AL,

author = {Carlos Gershenson},

title = {Classification of Random Boolean Networks},

journal = {CoRR},

volume = {cs.CC/0208001},

year = {2002},

url = {http://arxiv.org/abs/cs.CC/0208001},

timestamp = {Mon, 05 Dec 2011 18:05:29 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/corr/cs-CC-0208001},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{THOMAS:JTB:1991,

title = "Regulatory networks seen as asynchronous automata: A logical description",

journal = "Journal of Theoretical Biology",

volume = "153",

number = "1",

pages = "1 - 23",

year = "1991",

issn = "0022-5193",

doi = "https://doi.org/10.1016/S0022-5193(05)80350-9",

url = "http://www.sciencedirect.com/science/article/pii/S0022519305803509",

author = "Ren\'{e} Thomas",

}

@INPROCEEDINGS{Harvey:ECAL:1997,

author = {Inman Harvey and Terry Bossomaier},

title = {Time Out of Joint: Attractors in Asynchronous Random Boolean Networks},

booktitle = {Proceedings of the Fourth European Conference on Artificial Life (ECAL97},

year = {1997},

pages = {67--75},

publisher = {MIT Press}

}

@ARTICLE{Zheng:PLOS:2013,

AUTHOR = {Desheng Zheng and Guowu Yang and Xiaoyu Li

and Zhicai Wang and Feng Liu and Lei He},

TITLE = {An Efficient Algorithm for Computing Attractors of Synchronous And Asynchronous Boolean Networks},

JOURNAL = {PLoS One},

YEAR = {2013},

volume = {8},

number = {4},

pages = {e60593},

month = {April},

note = {},

source = {},

dor = {doi:10.1371/journal.pone.0060593}

}

@article{DBLP:journals/bioinformatics/GargCXMM08,

author = {Abhishek Garg and

Alessandro Di Cara and

Ioannis Xenarios and

Luis Mendoza and

Giovanni De Micheli},

title = {Synchronous versus asynchronous modeling of gene regulatory networks},

journal = {Bioinformatics},

volume = {24},

number = {17},

pages = {1917--1925},

year = {2008},

url = {http://dx.doi.org/10.1093/bioinformatics/btn336},

doi = {10.1093/bioinformatics/btn336},

timestamp = {Mon, 25 Aug 2008 08:04:58 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/bioinformatics/GargCXMM08},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@inbook{Shepherdson:1992,

title = "Logics for negation as failure",

author = "JC Shepherdson",

note = "Conference Proceedings/Title of Journal: Logic from Comp Science",

year = "1992",

volume = "56",

pages = "521 -- 584",

editor = "Y. N.Moschovakis",

booktitle = "Unknown",

publisher = "Springer, New York",

}

@inproceedings{DBLP:conf/pods/Shmueli87,

author = {Oded Shmueli},

title = {Decidability and Expressiveness of Logic Queries},

booktitle = {Proceedings of the Sixth {ACM} {SIGACT-SIGMOD-SIGART} Symposium on

Principles of Database Systems, March 23-25, 1987, San Diego, California,

{USA}},

pages = {237--249},

year = {1987},

crossref = {DBLP:conf/pods/87},

url = {http://doi.acm.org/10.1145/28659.28685},

doi = {10.1145/28659.28685},

timestamp = {Mon, 17 Sep 2012 11:19:15 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/pods/Shmueli87},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/pods/87,

editor = {Moshe Y. Vardi},

title = {Proceedings of the Sixth {ACM} {SIGACT-SIGMOD-SIGART} Symposium on

Principles of Database Systems, March 23-25, 1987, San Diego, California,

{USA}},

publisher = {{ACM}},

year = {1987},

url = {http://dl.acm.org/citation.cfm?id=28659},

isbn = {0-89791-223-3},

timestamp = {Wed, 23 May 2012 16:53:24 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/pods/87},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@incollection{Maher:1988:ELP,

author = {Maher, M. J.},

chapter = {Equivalences of Logic Programs},

title = {Foundations of Deductive Databases and Logic Programming},

editor = {Minker, J.},

year = {1988},

isbn = {0-934613-40-0},

pages = {627--658},

numpages = {32},

url = {http://dl.acm.org/citation.cfm?id=61352.61368},

acmid = {61368},

publisher = {Morgan Kaufmann Publishers Inc.},

address = {San Francisco, CA, USA},

}

@incollection{Sagiv:1988:ODP,

author = {Yehoshua Sagiv},

title = {Optimizing Datalog Programs},

booktitle = {Foundations of Deductive Databases and Logic Programming},

pages = {659--698},

publisher = {Morgan Kaufmann},

year = {1988},

crossref = {DBLP:books/mk/Minker88},

timestamp = {Tue, 28 Apr 2015 08:06:21 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/books/mk/minker88/Sagiv88},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@book{DBLP:books/mk/Minker88,

editor = {Jack Minker},

title = {Foundations of Deductive Databases and Logic Programming},

publisher = {Morgan Kaufmann},

year = {1988},

isbn = {0-934613-40-0},

timestamp = {Thu, 03 Jan 2002 11:51:34 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/books/mk/Minker88},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@inproceedings{DBLP:conf/aaai/EiterFTW05,

author = {Thomas Eiter and

Michael Fink and

Hans Tompits and

Stefan Woltran},

title = {Strong and Uniform Equivalence in Answer-Set Programming: Characterizations

and Complexity Results for the Non-Ground Case},

booktitle = {Proceedings, The Twentieth National Conference on Artificial Intelligence

and the Seventeenth Innovative Applications of Artificial Intelligence

Conference, July 9-13, 2005, Pittsburgh, Pennsylvania, {USA}},

pages = {695--700},

year = {2005},

crossref = {DBLP:conf/aaai/2005},

url = {http://www.aaai.org/Library/AAAI/2005/aaai05-109.php},

timestamp = {Mon, 10 Dec 2012 15:34:43 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/aaai/EiterFTW05},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@inproceedings{DBLP:conf/iclp/EiterF03,

author = {Thomas Eiter and

Michael Fink},

title = {Uniform Equivalence of Logic Programs under the Stable Model Semantics},

booktitle = {Logic Programming, 19th International Conference, {ICLP} 2003, Mumbai,

India, December 9-13, 2003, Proceedings},

pages = {224--238},

year = {2003},

crossref = {DBLP:conf/iclp/2003},

url = {http://dx.doi.org/10.1007/978-3-540-24599-5\_16},

doi = {10.1007/978-3-540-24599-5\_16},

timestamp = {Wed, 06 Jul 2011 21:20:39 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/iclp/EiterF03},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/iclp/2003,

editor = {Catuscia Palamidessi},

title = {Logic Programming, 19th International Conference, {ICLP} 2003, Mumbai,

India, December 9-13, 2003, Proceedings},

series = {Lecture Notes in Computer Science},

volume = {2916},

publisher = {Springer},

year = {2003},

isbn = {3-540-20642-6},

timestamp = {Wed, 07 Jan 2004 13:52:47 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/iclp/2003},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@INPROCEEDINGS{Gu96:SAT:Survey,

author = {Jun Gu and Paul W. Purdom and John Franco and Benjamin W. Wah},

title = {Algorithms for the Satisfiability (SAT) Problem: A Survey},

booktitle = {DIMACS Series in Discrete Mathematics and Theoretical Computer Science},

year = {1996},

pages = {19--152},

publisher = {American Mathematical Society}

}

@inproceedings{DBLP:conf/aaai/KimZ94,

author = {Sun Kim and

Hantao Zhang},

title = {ModGen: Theorem Proving by Model Generation},

booktitle = {Proceedings of the 12th National Conference on Artificial Intelligence,

Seattle, WA, USA, July 31 - August 4, 1994, Volume 1.},

pages = {162--167},

year = {1994},

crossref = {DBLP:conf/aaai/1994-1},

url = {http://www.aaai.org/Library/AAAI/1994/aaai94-025.php},

timestamp = {Tue, 11 Dec 2012 17:40:41 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/aaai/KimZ94},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/aaai/1994-1,

editor = {Barbara Hayes{-}Roth and

Richard E. Korf},

title = {Proceedings of the 12th National Conference on Artificial Intelligence,

Seattle, WA, USA, July 31 - August 4, 1994, Volume 1},

publisher = {{AAAI} Press / The {MIT} Press},

year = {1994},

url = {http://www.aaai.org/Conferences/AAAI/aaai94.php},

isbn = {0-262-61102-3},

timestamp = {Thu, 01 Dec 2011 17:16:20 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/aaai/1994-1},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{Sosic:1991:SIGART,

author = {Rok Sosic and Jun Gu},

title = {3,000,000 Queens in Less Than One Minute},

journal = {SIGART Bull.},

issue\_date = {April 1991},

volume = {2},

number = {2},

month = feb,

year = {1991},

issn = {0163-5719},

pages = {22--24},

numpages = {3},

url = {http://doi.acm.org/10.1145/122319.122325},

doi = {10.1145/122319.122325},

acmid = {122325},

publisher = {ACM},

address = {New York, NY, USA},

}

@article{Eiter:AIJ:2016,

title = "Domain expansion for ASP-programs with external sources ",

journal = "Artificial Intelligence ",

volume = "233",

pages = "84 - 121",

year = "2016",

issn = "0004-3702",

doi = "http://dx.doi.org/10.1016/j.artint.2016.01.003",

url = "http://www.sciencedirect.com/science/article/pii/S0004370216000047",

author = "Thomas Eiter and Michael Fink and Thomas Krennwallner and Christoph Redl",

keywords = "Answer set programming",

keywords = "Knowledge representation formalisms",

keywords = "Nonmonotonic reasoning",

keywords = "External source access",

keywords = "Grounding",

keywords = "Computational logic ",

}

@inproceedings{DBLP:conf/ijcai/Inoue11,

author = {Katsumi Inoue},

title = {Logic Programming for Boolean Networks},

booktitle = {{IJCAI} 2011, Proceedings of the 22nd International Joint Conference

on Artificial Intelligence, Barcelona, Catalonia, Spain, July 16-22,

2011},

pages = {924--930},

year = {2011},

crossref = {DBLP:conf/ijcai/2011},

url = {http://ijcai.org/papers11/Papers/IJCAI11-160.pdf},

timestamp = {Tue, 09 Aug 2011 14:09:58 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/ijcai/Inoue11},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/ijcai/2011,

editor = {Toby Walsh},

title = {{IJCAI} 2011, Proceedings of the 22nd International Joint Conference

on Artificial Intelligence, Barcelona, Catalonia, Spain, July 16-22,

2011},

publisher = {{IJCAI/AAAI}},

year = {2011},

isbn = {978-1-57735-516-8},

timestamp = {Tue, 09 Aug 2011 14:09:58 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/ijcai/2011},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@INBOOK{Drossel:2008:RBNs,

AUTHOR = {Barbara Drossel},

TITLE = {Reviews of Nonlinear Dynamics and Complexity},

CHAPTER = {Random Boolean Networks},

pages = {69 - 110},

PUBLISHER = {Wiley},

YEAR = {2008},

}

@article{Kauffman1969:JTB,

title = "Metabolic stability and epigenesis in randomly constructed genetic nets",

journal = "Journal of Theoretical Biology ",

volume = "22",

number = "3",

pages = "437 - 467",

year = "1969",

issn = "0022-5193",

doi = "http://dx.doi.org/10.1016/0022-5193(69)90015-0",

url = "http://www.sciencedirect.com/science/article/pii/0022519369900150",

author = "S.A. Kauffman",

}

@BOOK{Kauffman:1993,

AUTHOR = {Stuart A. Kauffman },

TITLE = {The Origins of Order: Self-Organization and Selection in Evolution},

PUBLISHER = {Oxford: Oxford University Press},

YEAR = {1993},

}

@article{DBLP:journals/tplp/Fink11,

author = {Michael Fink},

title = {A general framework for equivalences in Answer-Set Programming by

countermodels in the logic of Here-and-There},

journal = {{TPLP}},

volume = {11},

number = {2-3},

pages = {171--202},

year = {2011},

url = {http://dx.doi.org/10.1017/S1471068410000542},

doi = {10.1017/S1471068410000542},

timestamp = {Fri, 10 Jun 2011 09:15:07 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/tplp/Fink11},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{Nomikos2009576,

title = "Strong equivalence of logic programs under the infinite-valued semantics ",

journal = "Information Processing Letters ",

volume = "109",

number = "11",

pages = "576 - 581",

year = "2009",

issn = "0020-0190",

doi = "http://dx.doi.org/10.1016/j.ipl.2009.02.002",

url = "http://www.sciencedirect.com/science/article/pii/S0020019009000477",

author = "Christos Nomikos and Panos Rondogiannis and William W. Wadge",

}

@article{DBLP:journals/jancl/EiterFPTW13,

author = {Thomas Eiter and

Michael Fink and

J{\"{o}}rg P{\"{u}}hrer and

Hans Tompits and

Stefan Woltran},

title = {Model-based recasting in answer-set programming},

journal = {Journal of Applied Non-Classical Logics},

volume = {23},

number = {1-2},

pages = {75--104},

year = {2013},

url = {http://dx.doi.org/10.1080/11663081.2013.799318},

doi = {10.1080/11663081.2013.799318},

timestamp = {Sat, 29 Jun 2013 17:09:34 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/jancl/EiterFPTW13},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@inproceedings{DBLP:conf/ilp/HuangWZZ16,

author = {Yi Huang and

Yisong Wang and

Ying Zhang and

Mingyi Zhang},

title = {Learning Disjunctive Logic Programs from Interpretation Transition},

booktitle = {Proceedings of the 26th International Conference on Inductive Logic

Programming (Short papers), London, UK, 2016.},

pages = {34--40},

year = {2016},

crossref = {DBLP:conf/ilp/2016s},

url = {http://ceur-ws.org/Vol-1865/paper-06.pdf},

timestamp = {Wed, 28 Jun 2017 09:12:14 +0200},

biburl = {https://dblp.org/rec/bib/conf/ilp/HuangWZZ16},

bibsource = {dblp computer science bibliography, https://dblp.org}

}

@proceedings{DBLP:conf/ilp/2016s,

editor = {James Cussens and

Alessandra Russo},

title = {Proceedings of the 26th International Conference on Inductive Logic

Programming (Short papers), London, UK, 2016},

series = {{CEUR} Workshop Proceedings},

volume = {1865},

publisher = {CEUR-WS.org},

year = {2017},

url = {http://ceur-ws.org/Vol-1865},

urn = {urn:nbn:de:0074-1865-4},

timestamp = {Wed, 28 Jun 2017 09:10:39 +0200},

biburl = {https://dblp.org/rec/bib/conf/ilp/2016s},

bibsource = {dblp computer science bibliography, https://dblp.org}

}

@inproceedings{DBLP:conf/ijcai/JiYW15,

author = {Jianmin Ji and

Jia{-}Huai You and

Yisong Wang},

title = {On Forgetting Postulates in Answer Set Programming},

booktitle = {Proceedings of the Twenty-Fourth International Joint Conference on

Artificial Intelligence, {IJCAI} 2015, Buenos Aires, Argentina, July

25-31, 2015},

pages = {3076--3083},

year = {2015},

crossref = {DBLP:conf/ijcai/2015},

url = {http://ijcai.org/papers15/Abstracts/IJCAI15-434.html},

timestamp = {Mon, 20 Jul 2015 19:12:40 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/ijcai/JiYW15},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/ijcai/2015,

editor = {Qiang Yang and

Michael Wooldridge},

title = {Proceedings of the Twenty-Fourth International Joint Conference on

Artificial Intelligence, {IJCAI} 2015, Buenos Aires, Argentina, July

25-31, 2015},

publisher = {{AAAI} Press},

year = {2015},

isbn = {978-1-57735-738-4},

timestamp = {Mon, 20 Jul 2015 19:11:50 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/ijcai/2015},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{Kirkpatrick:Science:1994,

author = {Kirkpatrick, Scott and Selman, Bart},

title = {Critical Behavior in the Satisfiability of Random Boolean Expressions},

volume = {264},

number = {5163},

pages = {1297-1301},

year = {1994},

doi = {10.1126/science.264.5163.1297},

journal = {Science}

}

@article{CHANDRA19787,

title = "On the number of prime implicants",

journal = "Discrete Mathematics",

volume = "24",

number = "1",

pages = "7 - 11",

year = "1978",

issn = "0012-365X",

doi = "http://dx.doi.org/10.1016/0012-365X(78)90168-1",

url = "http://www.sciencedirect.com/science/article/pii/0012365X78901681",

author = "Ashok K. Chandra and George Markowsky",

}

@article{DBLP:journals/ai/DunneB97,

author = {Paul E. Dunne and

Trevor J. M. Bench{-}Capon},

title = {The Maximum Length of Prime Implicates for Instances of 3-\textrm{SAT}},

journal = {Artificial Intelligence},

volume = {92},

number = {1-2},

pages = {317--329},

year = {1997},

url = {http://dx.doi.org/10.1016/S0004-3702(97)00018-0},

doi = {10.1016/S0004-3702(97)00018-0},

timestamp = {Wed, 19 Nov 2003 16:01:09 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/ai/DunneB97},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{DBLP:journals/ai/SchragC96,

author = {Robert Schrag and

James M. Crawford},

title = {Implicates and Prime Implicates in Random 3-\textrm{SAT}},

journal = {Artificial Intelligence},

volume = {81},

number = {1-2},

pages = {199--222},

year = {1996},

url = {http://dx.doi.org/10.1016/0004-3702(95)00053-4},

doi = {10.1016/0004-3702(95)00053-4},

timestamp = {Wed, 19 Nov 2003 16:01:18 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/ai/SchragC96},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@inproceedings{DBLP:conf/acm/Jackson92,

author = {Peter Jackson},

title = {Computing Prime Implicates},

booktitle = {Proceedings of the {ACM} 20th Annual Conference on Computer Science,

{CSC} '92, Kansas City, MO, USA, March 3-5, 1992},

pages = {65--72},

year = {1992},

crossref = {DBLP:conf/acm/1992},

url = {http://doi.acm.org/10.1145/131214.131223},

doi = {10.1145/131214.131223},

timestamp = {Thu, 23 Apr 2015 17:57:14 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/acm/Jackson92},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/acm/1992,

editor = {Jagan P. Agrawal and

Vijay Kumar and

Virgil Wallentine},

title = {Proceedings of the {ACM} 20th Annual Conference on Computer Science,

{CSC} '92, Kansas City, MO, USA, March 3-5, 1992},

publisher = {{ACM}},

year = {1992},

url = {http://dl.acm.org/citation.cfm?id=131214},

isbn = {0-89791-472-4},

timestamp = {Thu, 23 Apr 2015 17:57:14 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/acm/1992},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@ARTICLE{Mascagni:TMS:2000,

AUTHOR = {M. Mascagni and A. Srinivasan},

TITLE = {Algorithm 806: SPRNG: A Scalable Library for Pseudorandom Number Generation},

JOURNAL = {ACM Transactions on Mathematical Software},

YEAR = {2000},

volume = {26},

pages = {436-461},

}

@MASTERSTHESIS{Tom:2006:MThesis,

AUTHOR = {Chang Tom},

TITLE = {Horn formula minimization},

SCHOOL = {Rochester Institute of Technology},

YEAR = {2006},

source = {http://scholarworks.rit.edu/cgi/viewcontent.cgi?article=7895&context=theses},

}

@article{DBLP:journals/ai/KontchakovWZ10,

author = {Roman Kontchakov and

Frank Wolter and

Michael Zakharyaschev},

title = {Logic-based ontology comparison and module extraction, with an application

to \textrm{DL-Lite}},

journal = {Artificial Intelligence},

volume = {174},

number = {15},

pages = {1093--1141},

year = {2010},

url = {http://dx.doi.org/10.1016/j.artint.2010.06.003},

doi = {10.1016/j.artint.2010.06.003},

timestamp = {Thu, 09 Sep 2010 10:40:31 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/ai/KontchakovWZ10},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{DBLP:journals/ai/KonevL0W13,

author = {Boris Konev and

Carsten Lutz and

Dirk Walther and

Frank Wolter},

title = {Model-theoretic inseparability and modularity of description logic

ontologies},

journal = {Artificial Intelligence},

volume = {203},

pages = {66--103},

year = {2013},

url = {http://dx.doi.org/10.1016/j.artint.2013.07.004},

doi = {10.1016/j.artint.2013.07.004},

timestamp = {Thu, 29 Aug 2013 13:17:42 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/ai/KonevL0W13},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@inproceedings{DBLP:conf/dlog/FengZOCL10,

author = {Shasha Feng and

Yonggang Zhang and

Dantong Ouyang and

Haiyan Che and

Jie Liu},

title = {The Logical Difference For Fuzzy {EL+} Ontologies},

booktitle = {Proceedings of the 23rd International Workshop on Description Logics

{(DL} 2010), Waterloo, Ontario, Canada, May 4-7, 2010},

year = {2010},

pages = {457-463},

crossref = {DBLP:conf/dlog/2010},

url = {http://ceur-ws.org/Vol-573/paper\\_15.pdf},

timestamp = {Wed, 22 Dec 2010 19:21:49 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/dlog/FengZOCL10},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/dlog/2010,

editor = {Volker Haarslev and

David Toman and

Grant E. Weddell},

title = {Proceedings of the 23rd International Workshop on Description Logics

{(DL} 2010), Waterloo, Ontario, Canada, May 4-7, 2010},

series = {{CEUR} Workshop Proceedings},

volume = {573},

publisher = {CEUR-WS.org},

year = {2010},

timestamp = {Wed, 22 Dec 2010 19:06:19 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/dlog/2010},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@inproceedings{DBLP:conf/iwost/FengL015,

author = {Shasha Feng and

Michel Ludwig and

Dirk Walther},

title = {The Logical Difference for {EL:} From Terminologies Towards TBoxes},

booktitle = {Proceedings of the 1st International Workshop on Semantic Technologies

(IWOST), Changchun, China, March 9-12, 2015.},

pages = {31--41},

year = {2015},

crossref = {DBLP:conf/iwost/2015},

url = {http://ceur-ws.org/Vol-1339/paper3.pdf},

timestamp = {Wed, 10 Jun 2015 14:26:12 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/iwost/FengL015},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/iwost/2015,

editor = {Steffen H{\"{o}}lldobler and

Yanchun Liang},

title = {Proceedings of the 1st International Workshop on Semantic Technologies

(IWOST), Changchun, China, March 9-12, 2015},

series = {{CEUR} Workshop Proceedings},

volume = {1339},

publisher = {CEUR-WS.org},

year = {2015},

url = {http://ceur-ws.org/Vol-1339},

timestamp = {Wed, 10 Jun 2015 14:23:05 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/iwost/2015},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@inproceedings{DBLP:conf/ijcai/BotoevaKRWZ15,

author = {Elena Botoeva and

Roman Kontchakov and

Vladislav Ryzhikov and

Frank Wolter and

Michael Zakharyaschev},

title = {When Are Description Logic Knowledge Bases Indistinguishable?},

booktitle = {Proceedings of the Twenty-Fourth International Joint Conference on

Artificial Intelligence, {IJCAI} 2015, Buenos Aires, Argentina, July

25-31, 2015},

pages = {4240--4246},

year = {2015},

crossref = {DBLP:conf/ijcai/2015},

url = {http://ijcai.org/papers15/Abstracts/IJCAI15-603.html},

timestamp = {Mon, 20 Jul 2015 19:12:40 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/ijcai/BotoevaKRWZ15},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/ijcai/2015,

editor = {Qiang Yang and

Michael Wooldridge},

title = {Proceedings of the Twenty-Fourth International Joint Conference on

Artificial Intelligence, {IJCAI} 2015, Buenos Aires, Argentina, July

25-31, 2015},

publisher = {{AAAI} Press},

year = {2015},

isbn = {978-1-57735-738-4},

timestamp = {Mon, 20 Jul 2015 19:11:50 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/ijcai/2015},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@inproceedings{DBLP:conf/cade/KonevLW12,

author = {Boris Konev and

Michel Ludwig and

Frank Wolter},

title = {Logical Difference Computation with {CEX2.5}},

booktitle = {Automated Reasoning - 6th International Joint Conference, {IJCAR}

2012, Manchester, UK, June 26-29, 2012. Proceedings},

pages = {371--377},

year = {2012},

crossref = {DBLP:conf/cade/2012},

url = {http://dx.doi.org/10.1007/978-3-642-31365-3\_29},

doi = {10.1007/978-3-642-31365-3\_29},

timestamp = {Tue, 03 Jul 2012 10:44:08 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/cade/KonevLW12},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/cade/2012,

editor = {Bernhard Gramlich and

Dale Miller and

Uli Sattler},

title = {Automated Reasoning - 6th International Joint Conference, {IJCAR}

2012, Manchester, UK, June 26-29, 2012. Proceedings},

series = {Lecture Notes in Computer Science},

volume = {7364},

publisher = {Springer},

year = {2012},

url = {http://dx.doi.org/10.1007/978-3-642-31365-3},

doi = {10.1007/978-3-642-31365-3},

isbn = {978-3-642-31364-6},

timestamp = {Tue, 03 Jul 2012 10:34:16 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/cade/2012},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{DBLP:journals/ipl/AspvallPT79,

author = {Bengt Aspvall and

Michael F. Plass and

Robert Endre Tarjan},

title = {A Linear-Time Algorithm for Testing the Truth of Certain Quantified

Boolean Formulas},

journal = {Information Processing Letters},

volume = {8},

number = {3},

pages = {121--123},

year = {1979},

url = {http://dx.doi.org/10.1016/0020-0190(79)90002-4},

doi = {10.1016/0020-0190(79)90002-4},

timestamp = {Wed, 28 Nov 2012 21:38:15 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/ipl/AspvallPT79},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{DBLP:journals/siamcomp/EvenIS76,

author = {Shimon Even and

Alon Itai and

Adi Shamir},

title = {On the Complexity of Timetable and Multicommodity Flow Problems},

journal = {{SIAM} J. Comput.},

volume = {5},

number = {4},

pages = {691--703},

year = {1976},

url = {http://dx.doi.org/10.1137/0205048},

doi = {10.1137/0205048},

timestamp = {Tue, 01 Feb 2011 14:01:06 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/siamcomp/EvenIS76},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{DBLP:journals/jcss/Goerdt96,

author = {Andreas Goerdt},

title = {A Threshold for Unsatisfiability},

journal = {Journal of Computer Systtem Science},

volume = {53},

number = {3},

pages = {469--486},

year = {1996},

url = {http://dx.doi.org/10.1006/jcss.1996.0081},

doi = {10.1006/jcss.1996.0081},

timestamp = {Tue, 05 Jul 2011 11:11:07 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/jcss/Goerdt96},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{DBLP:journals/rsa/BollobasBCKW01,

author = {B{\'{e}}la Bollob{\'{a}}s and

Christian Borgs and

Jennifer T. Chayes and

Jeong Han Kim and

David Bruce Wilson},

title = {The scaling window of the 2-SAT transition},

journal = {Random Struct. Algorithms},

volume = {18},

number = {3},

pages = {201--256},

year = {2001},

url = {http://dx.doi.org/10.1002/rsa.1006},

doi = {10.1002/rsa.1006},

timestamp = {Sat, 14 Apr 2012 16:35:22 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/rsa/BollobasBCKW01},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@inproceedings{DBLP:conf/focs/ChvatalR92,

author = {Vasek Chv{\'{a}}tal and

Bruce A. Reed},

title = {Mick Gets Some (the Odds Are on His Side)},

booktitle = {33rd Annual Symposium on Foundations of Computer Science, Pittsburgh,

Pennsylvania, USA, 24-27 October 1992},

pages = {620--627},

year = {1992},

crossref = {DBLP:conf/focs/FOCS33},

url = {http://dx.doi.org/10.1109/SFCS.1992.267789},

doi = {10.1109/SFCS.1992.267789},

timestamp = {Tue, 16 Dec 2014 09:57:23 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/focs/ChvatalR92},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/focs/FOCS33,

title = {33rd Annual Symposium on Foundations of Computer Science, Pittsburgh,

Pennsylvania, USA, 24-27 October 1992},

publisher = {{IEEE} Computer Society},

year = {1992},

url = {http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=424},

isbn = {0-8186-2900-2},

timestamp = {Mon, 15 Dec 2014 18:48:44 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/focs/FOCS33},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@inproceedings{DBLP:conf/soda/DuboisBM00,

author = {Olivier Dubois and

Yacine Boufkhad and

Jacques Mandler},

title = {Typical random 3-SAT formulae and the satisfiability threshold},

booktitle = {Proceedings of the Eleventh Annual {ACM-SIAM} Symposium on Discrete

Algorithms, January 9-11, 2000, San Francisco, CA, {USA.}},

pages = {126--127},

year = {2000},

crossref = {DBLP:conf/soda/2000},

url = {http://dl.acm.org/citation.cfm?id=338219.338243},

timestamp = {Fri, 07 Dec 2012 17:02:08 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/soda/DuboisBM00},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/soda/2000,

editor = {David B. Shmoys},

title = {Proceedings of the Eleventh Annual {ACM-SIAM} Symposium on Discrete

Algorithms, January 9-11, 2000, San Francisco, CA, {USA}},

publisher = {{ACM/SIAM}},

year = {2000},

url = {http://dl.acm.org/citation.cfm?id=338219},

isbn = {0-89871-453-2},

timestamp = {Fri, 07 Dec 2012 17:02:08 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/soda/2000},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@inproceedings{Delgrande:AAAI:2015,

author = {James P. Delgrande and

Kewen Wang},

title = {A Syntax-Independent Approach to Forgetting in Disjunctive Logic Programs},

booktitle = {Proceedings of the Twenty-Ninth {AAAI} Conference on Artificial Intelligence,

January 25-30, 2015, Austin, Texas, {USA.}},

pages = {1482--1488},

year = {2015},

crossref = {DBLP:conf/aaai/2015},

url = {http://www.aaai.org/ocs/index.php/AAAI/AAAI15/paper/view/9555},

timestamp = {Sun, 12 Apr 2015 15:18:08 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/aaai/DelgrandeW15},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@inproceedings{Yisong:AAAI:2015,

author = {Yisong Wang and

Kewen Wang and

Zhe Wang and

Zhiqiang Zhuang},

title = {Knowledge Forgetting in Circumscription: {A} Preliminary Report},

booktitle = {Proceedings of the Twenty-Ninth {AAAI} Conference on Artificial Intelligence,

January 25-30, 2015, Austin, Texas, {USA.}},

pages = {1649--1655},

year = {2015},

crossref = {DBLP:conf/aaai/2015},

url = {http://www.aaai.org/ocs/index.php/AAAI/AAAI15/paper/view/9866},

timestamp = {Sun, 12 Apr 2015 15:18:08 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/aaai/WangWWZ15},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/aaai/2015,

editor = {Blai Bonet and

Sven Koenig},

title = {Proceedings of the Twenty-Ninth {AAAI} Conference on Artificial Intelligence,

January 25-30, 2015, Austin, Texas, {USA}},

publisher = {{AAAI} Press},

year = {2015},

url = {http://www.aaai.org/Library/AAAI/aaai15contents.php},

isbn = {978-1-57735-698-1},

timestamp = {Sun, 12 Apr 2015 12:16:43 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/aaai/2015},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@inproceedings{DBLP:conf/aaai/MitchellSL92,

author = {David G. Mitchell and

Bart Selman and

Hector J. Levesque},

title = {Hard and Easy Distributions of {SAT} Problems},

booktitle = {Proceedings of the 10th National Conference on Artificial Intelligence.

San Jose, CA, July 12-16, 1992.},

pages = {459--465},

year = {1992},

crossref = {DBLP:conf/aaai/1992},

url = {http://www.aaai.org/Library/AAAI/1992/aaai92-071.php},

timestamp = {Tue, 11 Dec 2012 17:40:41 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/aaai/MitchellSL92},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/aaai/1992,

editor = {William R. Swartout},

title = {Proceedings of the 10th National Conference on Artificial Intelligence.

San Jose, CA, July 12-16, 1992},

publisher = {{AAAI} Press / The {MIT} Press},

year = {1992},

url = {http://www.aaai.org/Conferences/AAAI/aaai92.php},

isbn = {0-262-51063-4},

timestamp = {Thu, 01 Dec 2011 17:16:21 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/aaai/1992},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{DBLP:journals/corr/KonevL0W14,

author = {Boris Konev and

Michel Ludwig and

Dirk Walther and

Frank Wolter},

title = {The Logical Difference for the Lightweight Description Logic

EL},

journal = {CoRR},

volume = {abs/1401.5850},

year = {2014},

ee = {http://arxiv.org/abs/1401.5850},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@inproceedings{DBLP:conf/cade/KonevWW08,

author = {Boris Konev and

Dirk Walther and

Frank Wolter},

title = {The Logical Difference Problem for Description Logic Terminologies},

booktitle = {IJCAR},

year = {2008},

pages = {259-274},

ee = {http://dx.doi.org/10.1007/978-3-540-71070-7\_21},

crossref = {DBLP:conf/cade/2008},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@inproceedings{DBLP:conf/kr/KontchakovWZ08,

author = {Roman Kontchakov and

Frank Wolter and

Michael Zakharyaschev},

title = {Can You Tell the Difference Between \textrm{DL}-Lite Ontologies?},

booktitle = {KR},

year = {2008},

pages = {285-295},

ee = {http://www.aaai.org/Library/KR/2008/kr08-028.php},

crossref = {DBLP:conf/kr/2008},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@proceedings{DBLP:conf/kr/2008,

editor = {Gerhard Brewka and

J{\'e}r{\^o}me Lang},

title = {Principles of Knowledge Representation and Reasoning: Proceedings

of the Eleventh International Conference, KR 2008, Sydney,

Australia, September 16-19, 2008},

booktitle = {KR},

publisher = {AAAI Press},

year = {2008},

isbn = {978-1-57735-384-3},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@inproceedings{DBLP:conf/stacs/EiterIM99,

author = {Thomas Eiter and

Toshihide Ibaraki and

Kazuhisa Makino},

title = {On the Difference of Horn Theories},

booktitle = {STACS},

year = {1999},

pages = {467-477},

ee = {http://dx.doi.org/10.1007/3-540-49116-3\_44},

crossref = {DBLP:conf/stacs/1999},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@proceedings{DBLP:conf/stacs/1999,

editor = {Christoph Meinel and

Sophie Tison},

title = {STACS 99, 16th Annual Symposium on Theoretical Aspects of

Computer Science, Trier, Germany, March 4-6, 1999, Proceedings},

booktitle = {STACS},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {1563},

year = {1999},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@article{DBLP:journals/jlp/DowlingG84,

author = {William F. Dowling and

Jean H. Gallier},

title = {Linear-Time Algorithms for Testing the Satisfiability of

Propositional Horn Formulae},

journal = {Journal of Logic Programming},

volume = {1},

number = {3},

year = {1984},

pages = {267-284},

ee = {http://dx.doi.org/10.1016/0743-1066(84)90014-1},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@proceedings{DBLP:conf/cade/2008,

editor = {Alessandro Armando and

Peter Baumgartner and

Gilles Dowek},

title = {Automated Reasoning, 4th International Joint Conference,

IJCAR 2008, Sydney, Australia, August 12-15, 2008, Proceedings},

booktitle = {IJCAR},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {5195},

year = {2008},

isbn = {978-3-540-71069-1},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@inproceedings{DBLP:conf/isaac/EiterIM98,

author = {Thomas Eiter and

Toshihide Ibaraki and

Kazuhisa Makino},

title = {Disjunctions of Horn Theories and Their Cores},

booktitle = {ISAAC},

year = {1998},

pages = {49-58},

ee = {http://dx.doi.org/10.1007/3-540-49381-6\_7},

crossref = {DBLP:conf/isaac/1998},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@proceedings{DBLP:conf/isaac/1998,

editor = {Kyung-Yong Chwa and

Oscar H. Ibarra},

title = {Algorithms and Computation, 9th International Symposium,

ISAAC '98, Taejon, Korea, December 14-16, 1998, Proceedings},

booktitle = {ISAAC},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {1533},

year = {1998},

isbn = {3-540-65385-6},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@article{Mezard:2002:science,

author = {M\'{e}zard, M. and Parisi, G. and Zecchina, R.},

title = {Analytic and Algorithmic Solution of Random Satisfiability Problems},

volume = {297},

number = {5582},

pages = {812-815},

year = {2002},

doi = {10.1126/science.1073287},

URL = {http://www.sciencemag.org/content/297/5582/812.abstract},

eprint = {http://www.sciencemag.org/content/297/5582/812.full.pdf},

journal = {Science}

}

@article{Biroli:2002:PA,

title = "Phase transitions and complexity in computer science: an overview of the statistical physics approach to the random satisfiability problem ",

journal = "Physica A: Statistical Mechanics and its Applications ",

volume = "306",

number = "0",

pages = "381 - 394",

year = "2002",

note = "Invited Papers from the 21th \{IUPAP\} International Conference on Statistical Physics ",

issn = "0378-4371",

doi = "http://dx.doi.org/10.1016/S0378-4371(02)00516-2",

url = "http://www.sciencedirect.com/science/article/pii/S0378437102005162",

author = "Giulio Biroli and Simona Cocco and R\'{e}mi Monasson",

}

@article{DBLP:journals/deds/ClaessenESSVA09,

author = {Koen Claessen and

Niklas E{\'{e}}n and

Mary Sheeran and

Niklas S{\"{o}}rensson and

Alexey Voronov and

Knut {\AA}kesson},

title = {SAT-Solving in Practice, with a Tutorial Example from Supervisory

Control},

journal = {Discrete Event Dynamic Systems},

volume = {19},

number = {4},

pages = {495--524},

year = {2009},

url = {http://dx.doi.org/10.1007/s10626-009-0081-8},

doi = {10.1007/s10626-009-0081-8},

timestamp = {Thu, 17 Dec 2009 15:33:20 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/deds/ClaessenESSVA09},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@ARTICLE{Kaufmana:JITS:1993,

AUTHOR = {David E. Kaufmana and Robert L. Smitha},

TITLE = {Fastest Paths in Time-Dependent Networks for Intelligent Vehicle-Highway Systems Application},

JOURNAL = {Journal of Intelligent Transportation Systems},

YEAR = {1993},

volume = {1},

number = {1},

pages = {1-11},

}

@article{Orda:1990:JACM,

author = {Orda, Ariel and Rom, Raphael},

title = {Shortest-path and Minimum-delay Algorithms in Networks with Time-dependent Edge-length},

journal = {J. ACM},

issue\_date = {July 1990},

volume = {37},

number = {3},

month = jul,

year = {1990},

issn = {0004-5411},

pages = {607--625},

numpages = {19},

url = {http://doi.acm.org/10.1145/79147.214078},

doi = {10.1145/79147.214078},

acmid = {214078},

publisher = {ACM},

address = {New York, NY, USA},

}

@article{DBLP:journals/algorithmica/FoschiniHS14,

author = {Luca Foschini and

John Hershberger and

Subhash Suri},

title = {On the Complexity of Time-Dependent Shortest Paths},

journal = {Algorithmica},

volume = {68},

number = {4},

pages = {1075--1097},

year = {2014},

url = {http://dx.doi.org/10.1007/s00453-012-9714-7},

doi = {10.1007/s00453-012-9714-7},

timestamp = {Thu, 13 Feb 2014 12:55:57 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/algorithmica/FoschiniHS14},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{DBLP:journals/talg/HershbergerSB07,

author = {John Hershberger and

Subhash Suri and

Amit M. Bhosle},

title = {On the difficulty of some shortest path problems},

journal = {{ACM} Transactions on Algorithms},

volume = {3},

number = {1},

year = {2007},

url = {http://doi.acm.org/10.1145/1219944.1219951},

doi = {10.1145/1219944.1219951},

timestamp = {Tue, 06 Mar 2007 10:15:51 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/talg/HershbergerSB07},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@BOOK{Cormen:book:2009,

AUTHOR = {Thomas Cormen and Charles Leiserson and Ronald Rivest and and Clifford Stein. },

TITLE = {Introduction to Algorithms},

PUBLISHER = {MIT Press},

YEAR = {2009},

edition = {3rd},

isbn = {9780262033848},

}

@inproceedings{DBLP:conf/mascots/VardhanBHRSTMTF09,

author = {Hars Vardhan and

Shreejith Billenahalli and

Wanjun Huang and

Miguel Razo and

Arularasi Sivasankaran and

Limin Tang and

Paolo Monti and

Marco Tacca and

Andrea Fumagalli},

title = {Finding a simple path with multiple must-include nodes},

booktitle = {17th Annual Meeting of the {IEEE/ACM} International Symposium on Modelling,

Analysis and Simulation of Computer and Telecommunication Systems,

{MASCOTS} 2009, September 21-23, 2009, South Kensington Campus, Imperial

College London},

pages = {1--3},

year = {2009},

crossref = {DBLP:conf/mascots/2009},

url = {http://dx.doi.org/10.1109/MASCOT.2009.5366808},

doi = {10.1109/MASCOT.2009.5366808},

timestamp = {Thu, 16 Oct 2014 17:35:18 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/mascots/VardhanBHRSTMTF09},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/mascots/2009,

title = {17th Annual Meeting of the {IEEE/ACM} International Symposium on Modelling,

Analysis and Simulation of Computer and Telecommunication Systems,

{MASCOTS} 2009, September 21-23, 2009, South Kensington Campus, Imperial

College London},

publisher = {{IEEE} Computer Society},

year = {2009},

url = {http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=5353818},

isbn = {978-1-4244-4927-9},

timestamp = {Thu, 16 Oct 2014 17:35:18 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/mascots/2009},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@ARTICLE{Dijkstra:1959,

AUTHOR = {Edsger W. Dijkstra},

TITLE = {A note on two problems in connexion with graphs},

JOURNAL = {Numerische Mathematik},

YEAR = {1959},

issue = {1},

volume = {1},

pages = {269-271},

}

@article{DBLP:journals/jacm/Thorup99,

author = {Mikkel Thorup},

title = {Undirected Single-Source Shortest Paths with Positive Integer Weights

in Linear Time},

journal = {J. {ACM}},

volume = {46},

number = {3},

pages = {362--394},

year = {1999},

url = {http://doi.acm.org/10.1145/316542.316548},

doi = {10.1145/316542.316548},

timestamp = {Thu, 20 Nov 2003 12:28:24 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/jacm/Thorup99},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@INPROCEEDINGS{Ribeiro:ILP:2014:a,

AUTHOR = {Tony Ribeiro and Morgan Magnin and Katsumi Inoue},

TITLE = {Learning Delayed Influence of Dynamical Systems From Interpretation Transition},

BOOKTITLE = {ILP-2014},

YEAR = {2014},

editor = {Jesse Davis and Jan Ramon},

volume = {},

number = {},

series = {},

pages = {},

address = {Nancy, France},

publisher = {},

}

@INPROCEEDINGS{Ribeiro:ILP:2014:b,

AUTHOR = {Tony Ribeiro and Katsumi Inoue},

TITLE = {Learning Prime Implicant Conditions From Interpretation Transition},

BOOKTITLE = {ILP-2014},

YEAR = {2014},

editor = {Jesse Davis and Jan Ramon},

volume = {},

number = {},

series = {},

pages = {},

address = {Nancy, France},

publisher = {},

}

@UNPUBLISHED{Ravi:learning,

AUTHOR = {Ravi Palla},

TITLE = {Concept Learning in Answer Set Programming},

year = {},

source = {http://reasoning.eas.asu.edu/ravi/papers/Learning\_ASP.pdf},

}

@inproceedings{DBLP:conf/ilp/Otero01,

author = {Ram{\'{o}}n P. Otero},

title = {Induction of Stable Models},

booktitle = {Inductive Logic Programming, 11th International Conference, {ILP}

2001, Strasbourg, France, September 9-11, 2001, Proceedings},

pages = {193--205},

year = {2001},

crossref = {DBLP:conf/ilp/2001},

url = {http://dx.doi.org/10.1007/3-540-44797-0\_16},

doi = {10.1007/3-540-44797-0\_16},

timestamp = {Tue, 28 Jun 2011 15:11:39 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/ilp/Otero01},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/ilp/2001,

editor = {C{\'{e}}line Rouveirol and

Mich{\`{e}}le Sebag},

title = {Inductive Logic Programming, 11th International Conference, {ILP}

2001, Strasbourg, France, September 9-11, 2001, Proceedings},

series = {Lecture Notes in Computer Science},

volume = {2157},

publisher = {Springer},

year = {2001},

isbn = {3-540-42538-1},

timestamp = {Sun, 01 Dec 4460841 03:29:20 +nce},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/ilp/2001},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{Boros:AMAI:1990,

author = {Endre Boros and

Yves Crama and

Peter L. Hammer},

title = {Polynomial-Time Inference of All Valid Implications for

Horn and Related Formulae},

journal = {Annals of Mathematics and Artificial Intelligence},

volume = {1},

year = {1990},

pages = {21-32},

}

@techreport{Finger:1985:RDA:892337,

author = {Finger, J. J. and Genesereth, Michael R.},

title = {RESIDUE: A Deductive Approach to Design Synthesis},

year = {1985},

publisher = {Stanford University},

address = {Stanford, CA, USA},

}

@article{DBLP:journals/ai/Inoue92,

author = {Katsumi Inoue},

title = {Linear Resolution for Consequence Finding},

journal = {Artificial Intelligence},

volume = {56},

number = {2-3},

pages = {301--353},

year = {1992},

url = {http://dx.doi.org/10.1016/0004-3702(92)90030-2},

doi = {10.1016/0004-3702(92)90030-2},

timestamp = {Tue, 14 Oct 4454042 18:34:08 +},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/ai/Inoue92},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@inproceedings{DBLP:conf/aaai/Val99,

author = {Alvaro del Val},

title = {A New Method for Consequence Finding and Compilation in Restricted

Languages},

booktitle = {Proceedings of the Sixteenth National Conference on Artificial Intelligence

and Eleventh Conference on Innovative Applications of Artificial Intelligence,

July 18-22, 1999, Orlando, Florida, {USA.}},

pages = {259--264},

year = {1999},

crossref = {DBLP:conf/aaai/1999},

url = {http://www.aaai.org/Library/AAAI/1999/aaai99-038.php},

timestamp = {Tue, 11 Dec 2012 12:57:22 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/aaai/Val99},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/aaai/1999,

editor = {Jim Hendler and

Devika Subramanian},

title = {Proceedings of the Sixteenth National Conference on Artificial Intelligence

and Eleventh Conference on Innovative Applications of Artificial Intelligence,

July 18-22, 1999, Orlando, Florida, {USA}},

publisher = {{AAAI} Press / The {MIT} Press},

year = {1999},

url = {http://www.aaai.org/Conferences/AAAI/aaai99.php},

isbn = {0-262-51106-1},

timestamp = {Tue, 18 Jan 4458687 06:49:52 +ational},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/aaai/1999},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@inproceedings{DBLP:conf/kr/DechterR94,

author = {Rina Dechter and

Irina Rish},

title = {Directional Resolution: The Davis-Putnam Procedure, Revisited},

booktitle = {Proceedings of the 4th International Conference on Principles of Knowledge

Representation and Reasoning (KR'94). Bonn, Germany, May 24-27, 1994.},

pages = {134--145},

year = {1994},

crossref = {DBLP:conf/kr/1994},

timestamp = {Fri, 18 May 2012 15:03:00 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/kr/DechterR94},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@proceedings{DBLP:conf/kr/1994,

editor = {Jon Doyle and

Erik Sandewall and

Pietro Torasso},

title = {Proceedings of the 4th International Conference on Principles of Knowledge

Representation and Reasoning (KR'94). Bonn, Germany, May 24-27, 1994},

publisher = {Morgan Kaufmann},

year = {1994},

isbn = {1-55860-328-X},

timestamp = {Wed, 24 Feb 4447419 00:42:56 +tional},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/kr/1994},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@ARTICLE{Tison:1967,

AUTHOR = {P. Tison},

TITLE = {Generalized consensus theory and application to

the minimization of boolean circuits},

JOURNAL = {IEEE Transactions on Computers},

YEAR = {1967},

volume = {EC-16},

pages = {446-456},

}

@article{DBLP:journals/dam/BubeckB08,

author = {Uwe Bubeck and

Hans Kleine{ }B{\"{u}}ning},

title = {Models and quantifier elimination for quantified Horn formulas},

journal = {Discrete Applied Mathematics},

volume = {156},

number = {10},

pages = {1606--1622},

year = {2008},

url = {http://dx.doi.org/10.1016/j.dam.2007.10.005},

doi = {10.1016/j.dam.2007.10.005},

timestamp = {Sat, 03 Jul 4438641 21:44:00 +},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/dam/BubeckB08},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{DBLP:journals/iandc/BuningKF95,

author = {Hans Kleine{ }B{\"{u}}ning and

Marek Karpinski and

Andreas Fl{\"{o}}gel},

title = {Resolution for Quantified Boolean Formulas},

journal = {Inf. Comput.},

volume = {117},

number = {1},

pages = {12--18},

year = {1995},

url = {http://dx.doi.org/10.1006/inco.1995.1025},

doi = {10.1006/inco.1995.1025},

timestamp = {Sun, 02 Feb 4448217 07:53:52 +},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/iandc/BuningKF95},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{Quine:1955,

title = {A Way to Simplify Truth Functions},

author = {Quine, W. V.},

journal = {The American Mathematical Monthly},

volume = {62},

number = {9},

pages = {627-631},

url = {http://www.jstor.org/stable/2307285},

year = {1955},

publisher = {Mathematical Association of America},

}

@UNPUBLISHED{Yisong:2015:arx,

AUTHOR = {Yisong Wang},

TITLE = {On Forgetting in Tractable Propositional Fragments},

NOTE = {http://arxiv.org/abs/1502.02799},

year = {2015},

}

@article{DBLP:journals/ai/DelgrandeP15,

author = {James P. Delgrande and

Pavlos Peppas},

title = {Belief revision in Horn theories},

journal = {Artif. Intell.},

volume = {218},

pages = {1--22},

year = {2015},

url = {http://dx.doi.org/10.1016/j.artint.2014.08.006},

doi = {10.1016/j.artint.2014.08.006},

timestamp = {Wed, 08 Oct 2014 13:54:44 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/ai/DelgrandeP15},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{DBLP:journals/ai/ShenWEFRKD14,

author = {Yi{-}Dong Shen and

Kewen Wang and

Thomas Eiter and

Michael Fink and

Christoph Redl and

Thomas Krennwallner and

Jun Deng},

title = {{FLP} answer set semantics without circular justifications for general

logic programs},

journal = {Artif. Intell.},

year = {2014},

volume = {213},

pages = {1--41},

url = {http://dx.doi.org/10.1016/j.artint.2014.05.001},

doi = {10.1016/j.artint.2014.05.001},

timestamp = {Sat, 11 Oct 2014 10:28:03 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/ai/ShenWEFRKD14},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{DBLP:journals/jsc/Wernhard12,

author = {Christoph Wernhard},

title = {Projection and scope-determined circumscription},

journal = {Journal of Symbolic Computation},

volume = {47},

number = {9},

year = {2012},

pages = {1089-1108},

ee = {http://dx.doi.org/10.1016/j.jsc.2011.12.034},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@inproceedings{DBLP:conf/kr/Delgrande14,

author = {James P. Delgrande},

title = {Towards a Knowledge Level Analysis of Forgetting},

booktitle = {KR},

year = {2014},

ee = {http://www.aaai.org/ocs/index.php/KR/KR14/paper/view/7979},

crossref = {DBLP:conf/kr/2014},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@inproceedings{DBLP:conf/kr/RajaratnamLPT14,

author = {David Rajaratnam and

Hector J. Levesque and

Maurice Pagnucco and

Michael Thielscher},

title = {Forgetting in Action},

booktitle = {KR},

year = {2014},

ee = {http://www.aaai.org/ocs/index.php/KR/KR14/paper/view/7983},

crossref = {DBLP:conf/kr/2014},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@proceedings{DBLP:conf/kr/2014,

editor = {Chitta Baral and

Giuseppe {De Giacomo} and

Thomas Eiter},

title = {Principles of Knowledge Representation and Reasoning: Proceedings

of the Fourteenth International Conference, KR 2014, Vienna,

Austria, July 20-24, 2014},

booktitle = {KR},

publisher = {AAAI Press},

year = {2014},

isbn = {978-1-57735-657-8},

ee = {http://www.aaai.org/Library/KR/kr14contents.php},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@inproceedings{DBLP:conf/jelia/Amir02,

author = {Eyal Amir},

title = {Interpolation Theorems for Nonmonotonic Reasoning Systems},

booktitle = {JELIA},

year = {2002},

pages = {233-244},

ee = {http://dx.doi.org/10.1007/3-540-45757-7\_20},

crossref = {DBLP:conf/jelia/2002},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@proceedings{DBLP:conf/jelia/2002,

editor = {Sergio Flesca and

Sergio Greco and

Nicola Leone and

Giovambattista Ianni},

title = {Logics in Artificial Intelligence, European Conference,

JELIA 2002, Cosenza, Italy, September, 23-26, Proceedings},

booktitle = {JELIA},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {2424},

year = {2002},

isbn = {3-540-44190-5},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@article{DBLP:journals/logcom/Moinard07,

author = {Yves Moinard},

title = {Forgetting Literals with Varying Propositional Symbols},

journal = {Journal of Logic and Computation},

volume = {17},

number = {5},

year = {2007},

pages = {955-982},

ee = {http://dx.doi.org/10.1093/logcom/exm049},

bibsource = {DBLP, http://dblp.uni-trier.de},

}

@inproceedings{DBLP:conf/iclp/WakakiS95,

author = {Toshiko Wakaki and

Ken Satoh},

title = {Computing Prioritized Circumscription by Logic Programming},

booktitle = {ICLP},

year = {1995},

pages = {283-297},

crossref = {DBLP:conf/iclp/1995},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@proceedings{DBLP:conf/iclp/1995,

editor = {Leon Sterling},

title = {Logic Programming, Proceedings of the Twelfth International

Conference on Logic Programming, Tokyo, Japan, June 13-16,

1995},

booktitle = {ICLP},

publisher = {MIT Press},

year = {1995},

isbn = {0-262-69177-9},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@inproceedings{DBLP:conf/ijcai/Lifschitz85,

author = {Vladimir Lifschitz},

title = {Computing Circumscription},

booktitle = {Proceedings of the 9th International Joint Conference on Artificial

Intelligence. Los Angeles, CA, August 1985},

year = {1985},

pages = {121--127},

crossref = {DBLP:conf/ijcai/1985},

}

@proceedings{DBLP:conf/ijcai/1985,

editor = {Aravind K. Joshi},

title = {Proceedings of the 9th International Joint Conference on Artificial

Intelligence. Los Angeles, CA, August 1985},

year = {1985},

publisher = {Morgan Kaufmann},

timestamp = {Sat, 13 Sep 2014 10:43:47 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/conf/ijcai/1985},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@TECHREPORT{Moinard:1998,

AUTHOR = {Yves Moinard and Raymond Rolland},

TITLE = {Propositional Circumscriptions},

INSTITUTION = {INRIA-IRISA},

YEAR = {1998},

type = {Technical Report},

address = {PI 1211, Rennes, France},

source = {http://hal.inria.fr/inria-00073147},

}

@inproceedings{DBLP:conf/jelia/JanhunenO04,

author = {Tomi Janhunen and

Emilia Oikarinen},

title = {Capturing Parallel Circumscription with Disjunctive Logic

Programs},

booktitle = {JELIA},

year = {2004},

pages = {134-146},

ee = {http://dx.doi.org/10.1007/978-3-540-30227-8\_14},

crossref = {DBLP:conf/jelia/2004},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@proceedings{DBLP:conf/jelia/2004,

editor = {Jos{\'e} J{\'u}lio Alferes and

Jo{\~a}o Alexandre Leite},

title = {Logics in Artificial Intelligence, 9th European Conference,

JELIA 2004, Lisbon, Portugal, September 27-30, 2004, Proceedings},

booktitle = {JELIA},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {3229},

year = {2004},

isbn = {3-540-23242-7},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@inproceedings{DBLP:conf/aaai/GelfondL88,

author = {Michael Gelfond and

Vladimir Lifschitz},

title = {Compiling Circumscriptive Theories into Logic Programs},

booktitle = {AAAI},

year = {1988},

pages = {455-449},

ee = {http://www.aaai.org/Library/AAAI/1988/aaai88-080.php},

crossref = {DBLP:conf/aaai/1988},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@proceedings{DBLP:conf/aaai/1988,

editor = {Howard E. Shrobe and

Tom M. Mitchell and

Reid G. Smith},

title = {Proceedings of the 7th National Conference on Artificial

Intelligence. St. Paul, MN, August 21-26, 1988},

booktitle = {AAAI},

publisher = {AAAI Press / The MIT Press},

year = {1988},

isbn = {0-262-51055-3},

ee = {http://www.aaai.org/Conferences/AAAI/aaai88.php},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@inproceedings{DBLP:conf/aimsa/OikarinenJ08,

author = {Emilia Oikarinen and

Tomi Janhunen},

title = {Implementing Prioritized Circumscription by Computing Disjunctive

Stable Models},

booktitle = {AIMSA},

year = {2008},

pages = {167-180},

ee = {http://dx.doi.org/10.1007/978-3-540-85776-1\_15},

crossref = {DBLP:conf/aimsa/2008},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@proceedings{DBLP:conf/aimsa/2008,

editor = {Danail Dochev and

Marco Pistore and

Paolo Traverso},

title = {Artificial Intelligence: Methodology, Systems, and Applications,

13th International Conference, AIMSA 2008, Varna, Bulgaria,

September 4-6, 2008. Proceedings},

booktitle = {AIMSA},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {5253},

year = {2008},

isbn = {978-3-540-85775-4},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@inproceedings{DBLP:conf/ijcai/WakakiS97,

author = {Toshiko Wakaki and

Ken Satoh},

title = {Compiling Prioritized Circumscription into Extended Logic

Programs},

booktitle = {IJCAI (1)},

year = {1997},

pages = {182-189},

crossref = {DBLP:conf/ijcai/1997},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@proceedings{DBLP:conf/ijcai/1997,

title = {Proceedings of the Fifteenth International Joint Conference

on Artificial Intelligence, IJCAI 97, Nagoya, Japan, August

23-29, 1997, 2 Volumes},

booktitle = {IJCAI},

publisher = {Morgan Kaufmann},

year = {1997},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@inproceedings{DBLP:conf/lpnmr/SakamaI95,

author = {Chiaki Sakama and

Katsumi Inoue},

title = {Embedding Circumscriptive Theories in General Disjunctive

Programs},

booktitle = {LPNMR},

year = {1995},

pages = {344-357},

ee = {http://dx.doi.org/10.1007/3-540-59487-6\_25},

crossref = {DBLP:conf/lpnmr/1995},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@proceedings{DBLP:conf/lpnmr/1995,

editor = {V. Wiktor Marek and

Anil Nerode},

title = {Logic Programming and Nonmonotonic Reasoning, Third International

Conference, LPNMR'95, Lexington, KY, USA, June 26-28, 1995,

Proceedings},

booktitle = {LPNMR},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {928},

year = {1995},

isbn = {3-540-59487-6},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@article{DBLP:journals/jetai/Chen99,

author = {Jianhua Chen},

title = {Embedding prioritized circumscription in disjunctive logic

programs},

journal = {Journal of Experimental \& Theoretical Artificial Intelligence},

volume = {11},

number = {4},

year = {1999},

pages = {553-563},

ee = {http://dx.doi.org/10.1080/095281399146427},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@article{DBLP:journals/ai/Przymusinski89,

author = {Teodor C. Przymusinski},

title = {An Algorithm to Compute Circumscription},

journal = {Artificial Intelligence},

volume = {38},

number = {1},

year = {1989},

pages = {49-73},

ee = {http://dx.doi.org/10.1016/0004-3702(89)90067-2},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@inproceedings{DBLP:conf/ijcai/Coste-MarquisM99,

author = {Sylvie Coste-Marquis and

Pierre Marquis},

title = {Complexity Results for Propositional Closed World Reasoning

and Circumscription from Tractable Knowledge Bases},

booktitle = {IJCAI},

year = {1999},

pages = {24-29},

crossref = {DBLP:conf/ijcai/99},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@proceedings{DBLP:conf/ijcai/99,

editor = {Thomas Dean},

title = {Proceedings of the Sixteenth International Joint Conference

on Artificial Intelligence, IJCAI 99, Stockholm, Sweden,

July 31 - August 6, 1999. 2 Volumes, 1450 pages},

booktitle = {IJCAI},

publisher = {Morgan Kaufmann},

year = {1999},

isbn = {1-55860-613-0},

}

@article{DBLP:journals/tcs/CadoliDSS97,

author = {Marco Cadoli and

Francesco M. Donini and

Marco Schaerf and

Riccardo Silvestri},

title = {On Compact Representations of Propositional Circumscription},

journal = {Theoretical Computer Science},

volume = {182},

number = {1-2},

year = {1997},

pages = {183-202},

ee = {http://dx.doi.org/10.1016/S0304-3975(96)00182-X},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@article{DBLP:journals/tplp/LoncT06,

author = {Zbigniew Lonc and

Miroslaw Truszczynski},

title = {Computing minimal models, stable models and answer sets},

journal = {{TPLP}},

volume = {6},

number = {4},

pages = {395--449},

year = {2006},

url = {http://dx.doi.org/10.1017/S1471068405002607},

doi = {10.1017/S1471068405002607},

timestamp = {Fri, 26 Jan 2007 14:29:37 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/tplp/LoncT06},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{DBLP:journals/ipl/Cadoli92,

author = {Marco Cadoli},

title = {The Complexity of Model Checking for Circumscriptive Formulae},

journal = {Information Processing Letters},

volume = {44},

number = {3},

year = {1992},

pages = {113-118},

ee = {http://dx.doi.org/10.1016/0020-0190(92)90049-2},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@article{DBLP:journals/jcss/CadoliL94,

author = {Marco Cadoli and

Maurizio Lenzerini},

title = {The Complexity of Propositional Closed World Reasoning and

Circumscription},

journal = {Journal of Computer Systtem Science},

volume = {48},

number = {2},

year = {1994},

pages = {255-310},

ee = {http://dx.doi.org/10.1016/S0022-0000(05)80004-2},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@article{DBLP:journals/tcs/EiterG93,

author = {Thomas Eiter and

Georg Gottlob},

title = {Propositional Circumscription and Extended Closed-World

Reasoning are \mbox{$\Pi^P\_2$}-Complete},

journal = {Theoretical Computer Science},

volume = {114},

number = {2},

year = {1993},

pages = {231-245},

ee = {http://dx.doi.org/10.1016/0304-3975(93)90073-3},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@incollection{Lifschitz:1994:Cir,

author = {Lifschitz, Vladimir},

title = {Circumscription},

booktitle = {Handbook of Logic in Artificial Intelligence and Logic Programming (Vol. 3)},

editor = {Gabbay, Dov M. and Hogger, C. J. and Robinson, J. A.},

year = {1994},

pages = {297--352},

numpages = {56},

publisher = {Oxford University Press, Inc.},

address = {New York, NY, USA},

}

@inproceedings{DBLP:conf/ijcai/DohertyLS01,

author = {Patrick Doherty and

Witold Lukaszewicz and

Andrzej Szalas},

title = {Computing Strongest Necessary and Weakest Sufficient Conditions

of First-Order Formulas},

booktitle = {IJCAI},

year = {2001},

pages = {145-154},

crossref = {DBLP:conf/ijcai/2001},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@proceedings{DBLP:conf/ijcai/2001,

editor = {Bernhard Nebel},

title = {Proceedings of the Seventeenth International Joint Conference

on Artificial Intelligence, IJCAI 2001, Seattle, Washington,

USA, August 4-10, 2001},

booktitle = {IJCAI},

publisher = {Morgan Kaufmann},

year = {2001},

isbn = {1-55860-777-3},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@article{DBLP:journals/cacm/Valiant84,

author = {Leslie G. Valiant},

title = {A Theory of the Learnable},

journal = {Commun. ACM},

volume = {27},

number = {11},

year = {1984},

pages = {1134-1142},

ee = {http://doi.acm.org/10.1145/1968.1972},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@article{DBLP:journals/jlp/MuggletonR94,

author = {Stephen Muggleton and

Luc De Raedt},

title = {Inductive Logic Programming: Theory and Methods},

journal = {Journal of Logic Programming},

volume = {19\verb"/"20},

year = {1994},

pages = {629-679},

ee = {http://dx.doi.org/10.1016/0743-1066(94)90035-3},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@article{DBLP:journals/ml/MuggletonRPBFIS12,

author = {Stephen Muggleton and

Luc De Raedt and

David Poole and

Ivan Bratko and

Peter A. Flach and

Katsumi Inoue and

Ashwin Srinivasan},

title = {\textsc{ILP} turns 20 - Biography and future challenges},

journal = {Machine Learning},

volume = {86},

number = {1},

year = {2012},

pages = {3-23},

ee = {http://dx.doi.org/10.1007/s10994-011-5259-2},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@Article{Muggleton:JML:2018,

author="Muggleton, Stephen H.

and Schmid, Ute

and Zeller, Christina

and Tamaddoni-Nezhad, Alireza

and Besold, Tarek",

title="Ultra-Strong Machine Learning: comprehensibility of programs learned with ILP",

journal="Machine Learning",

year="2018",

month="Jul",

day="01",

volume="107",

number="7",

pages="1119--1140",

issn="1573-0565",

doi="10.1007/s10994-018-5707-3",

url="https://doi.org/10.1007/s10994-018-5707-3"

}

@article{DBLP:journals/ngc/Muggleton91,

author = {Stephen Muggleton},

title = {Inductive Logic Programming},

journal = {New Generation Computing},

volume = {8},

number = {4},

year = {1991},

pages = {295-318},

ee = {http://dx.doi.org/10.1007/BF03037089},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@book{DBLP:books/mk/Quinlan93,

author = {J. Ross Quinlan},

title = {C4.5: Programs for Machine Learning},

publisher = {Morgan Kaufmann},

year = {1993},

isbn = {1-55860-238-0},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@inproceedings{DBLP:conf/aaai/MichalskiMHL86,

author = {Ryszard S. Michalski and

Igor Mozetic and

Jiarong Hong and

Nada Lavrac},

title = {The Multi-Purpose Incremental Learning System \textsc{aq}15 and Its

Testing Application to Three Medical Domains},

booktitle = {AAAI},

year = {1986},

pages = {1041-1047},

ee = {http://www.aaai.org/Library/AAAI/1986/aaai86-171.php},

crossref = {DBLP:conf/aaai/1986-2},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@proceedings{DBLP:conf/aaai/1986-2,

editor = {Tom Kehler and

Stanley J. Rosenschein},

title = {Proceedings of the 5th National Conference on Artificial

Intelligence. Philadelphia, PA, August 11-15, 1986. Volume

2: Engineering},

booktitle = {AAAI},

publisher = {Morgan Kaufmann},

year = {1986},

ee = {http://www.aaai.org/Conferences/AAAI/aaai86.php},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@ARTICLE{Quinlan86,

author = {J. Ross Quinlan},

title = {Induction of Decision Trees},

journal = {Machine Learning},

year = {1986},

volume = {1},

pages = {81--106}

}

@article{DBLP:journals/ml/InoueRS14,

author = {Katsumi Inoue and

Tony Ribeiro and

Chiaki Sakama},

title = {Learning from interpretation transition},

journal = {Machine Learning},

volume = {94},

number = {1},

pages = {51--79},

year = {2014},

url = {http://dx.doi.org/10.1007/s10994-013-5353-8},

doi = {10.1007/s10994-013-5353-8},

timestamp = {Sun, 17 Jun 4457336 12:31:28 +},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/ml/InoueRS14},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{DBLP:journals/tocl/Sakama05,

author = {Chiaki Sakama},

title = {Induction from answer sets in nonmonotonic logic programs},

journal = {{ACM} Trans. Comput. Log.},

volume = {6},

number = {2},

pages = {203--231},

year = {2005},

url = {http://doi.acm.org/10.1145/1055686.1055687},

doi = {10.1145/1055686.1055687},

timestamp = {Tue, 03 Jul 4454723 04:08:00 +},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/tocl/Sakama05},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@inproceedings{DBLP:conf/ijcai/InoueK97,

author = {Katsumi Inoue and

Yoshimitsu Kudoh},

title = {Learning Extended Logic Programs},

booktitle = {Proceedings of the Fifteenth International Joint Conference on Artificial

Intelligence, {IJCAI} 97, Nagoya, Japan, August 23-29, 1997, 2 Volumes},

pages = {176--181},

year = {1997},

crossref = {DBLP:conf/ijcai/1997},

url = {http://ijcai.org/Proceedings/97-1/Papers/029.pdf},

timestamp = {Tue, 19 Jul 2016 15:59:32 +0200},

biburl = {https://dblp.org/rec/bib/conf/ijcai/InoueK97},

bibsource = {dblp computer science bibliography, https://dblp.org}

}

@proceedings{DBLP:conf/ijcai/1997,

title = {Proceedings of the Fifteenth International Joint Conference on Artificial

Intelligence, {IJCAI} 97, Nagoya, Japan, August 23-29, 1997, 2 Volumes},

publisher = {Morgan Kaufmann},

year = {1997},

url = {http://ijcai.org/proceedings/1997-1},

timestamp = {Tue, 19 Jul 2016 15:27:03 +0200},

biburl = {https://dblp.org/rec/bib/conf/ijcai/1997},

bibsource = {dblp computer science bibliography, https://dblp.org}

}

@article{DBLP:journals/ml/SakamaI09,

author = {Chiaki Sakama and

Katsumi Inoue},

title = {Brave induction: a logical framework for learning from incomplete

information},

journal = {Machine Learning},

volume = {76},

number = {1},

year = {2009},

pages = {3-35},

ee = {http://dx.doi.org/10.1007/s10994-009-5113-y},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@article{DBLP:journals/ai/Raedt97,

author = {Luc De Raedt},

title = {Logical Settings for Concept-Learning},

journal = {Artificial Intelligence},

volume = {95},

number = {1},

year = {1997},

pages = {187-201},

ee = {http://dx.doi.org/10.1016/S0004-3702(97)00041-6},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@TECHREPORT{bonn-etal-09-ontorule-d31,

AUTHOR = {Jos {de Bruijn} and

Philippe Bonnard and

Hugues Citeau and

Sylvain Dehors and

Stijn Heymans and

J{\"o}rg P{\"u}hrer and

Thomas Eiter},

TITLE = { Combinations of rules and ontologies: State-of-the-art survey of

issues},

INSTITUTION = {Ontorule Project Consortium },

YEAR = {2009},

type = {Technical Report Ontorule D3.1},

note = {\url{http://ontorule-project.eu/}},

}

@INPROCEEDINGS{DBLP:conf/jelia/EiterFKRS12,

AUTHOR = {Thomas Eiter and

M. Fink and

T. Krennwallner and

C. Redl and

P. Sch{\"u}ller},

TITLE = {Exploiting unfounded sets for hex-program evaluation},

BOOKTITLE = {JELIA},

YEAR = {2012},

volume = {7519},

series = {LNCS},

pages = {160--175},

publisher = {Springer},

}

@inproceedings{DBLP:conf/lpnmr/AlferesKW13,

author = {Jos{\'e} J{\'u}lio Alferes and

Matthias Knorr and

Kewen Wang},

title = {Forgetting under the Well-Founded Semantics},

booktitle = {LPNMR},

year = {2013},

pages = {36-41},

ee = {http://dx.doi.org/10.1007/978-3-642-40564-8\_4},

crossref = {DBLP:conf/lpnmr/2013},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@inproceedings{DBLP:conf/womo/QiWHH08,

author = {Guilin Qi and

Yimin Wang and

Peter Haase and

Pascal Hitzler},

title = {A Forgetting-based Approach for Reasoning with Inconsistent

Distributed Ontologies},

booktitle = {WoMO},

year = {2008},

ee = {http://ceur-ws.org/Vol-348/worm08\_contribution\_12.pdf},

crossref = {DBLP:conf/womo/2008},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@proceedings{DBLP:conf/womo/2008,

editor = {Ulrike Sattler and

Andrei Tamilin},

title = {Proceedings of the Workshop on Ontologies: Reasoning and

Modularity, WoMO 2008, Tenerife, Spain, June 2, 2008},

booktitle = {WoMO},

publisher = {CEUR-WS.org},

series = {CEUR Workshop Proceedings},

volume = {348},

year = {2008},

ee = {http://ceur-ws.org/Vol-348},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@UNPUBLISHED{Yisong:2014,

AUTHOR = {Yisong Wang},

TITLE = {On Forgetting in Fragments of Propositional Logic},

NOTE = {(submitted to JLC)},

}

@article{DBLP:journals/jair/BonattiLW09,

author = {Piero A. Bonatti and

Carsten Lutz and

Frank Wolter},

title = {The Complexity of Circumscription in DLs},

journal = {J. Artif. Intell. Res. {(JAIR)}},

year = {2009},

volume = {35},

pages = {717--773},

url = {http://dx.doi.org/10.1613/jair.2763},

doi = {10.1613/jair.2763},

timestamp = {Sat, 15 Nov 2014 14:14:02 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/jair/BonattiLW09},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{Yisong:JAIR,

author = {Yisong Wang and

Yan Zhang and

Yi Zhou and

Mingyi Zhang},

title = {Knowledge Forgetting in Answer Set Programming},

journal = {Journal of Artificial Intelligence Research},

volume = {50},

year = {2014},

pages = {31-70},

ee = {http://dx.doi.org/10.1613/jair.4297},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@article{DBLP:journals/jsyml/Craig57,

author = {William Craig},

title = {Linear Reasoning. A New Form of the Herbrand-Gentzen Theorem},

journal = {J. Symb. Log.},

volume = {22},

number = {3},

year = {1957},

pages = {250-268},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@article{DBLP:journals/jsyml/Craig57a,

author = {William Craig},

title = {Three Uses of the Herbrand-Gentzen Theorem in Relating Model

Theory and Proof Theory},

journal = {J. Symb. Log.},

volume = {22},

number = {3},

year = {1957},

pages = {269-285},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@BOOK{Boole,

AUTHOR = {George Boole},

TITLE = {An Investigation of the Laws of Thought},

PUBLISHER = {Walton, London},

YEAR = {1854},

note = {(Reprinted by Dover Books, New York, 1954.)},

}

@article{DBLP:journals/ai/EiterGL97,

author = {Thomas Eiter and

Georg Gottlob and

Nicola Leone},

title = {Semantics and Complexity of Abduction from Default Theories},

journal = {Artif. Intell.},

volume = {90},

number = {1-2},

year = {1997},

pages = {177-223},

}

@inproceedings{Kakas:ECAI:1990,

author = {Antonis C. Kakas and

Paolo Mancarella},

title = {Generalized Stable Models: A Semantics for Abduction},

booktitle = {9th European Conference on Artificial Intelligence},

year = {1990},

pages = {385-391},

}

@article{Lin:AIJ:2002,

author = {Fangzhen Lin and

Jia-Huai You},

title = {Abduction in logic programming: A new definition and an

abductive procedure based on rewriting},

journal = {Artif. Intell.},

volume = {140},

number = {1/2},

year = {2002},

pages = {175-205},

}

@article{Konolige:AIJ:1992,

author = {Kurt Konolige},

title = {Abduction Versus Closure in Causal Theories},

journal = {Artif. Intell.},

volume = {53},

number = {2-3},

year = {1992},

pages = {255-272},

}

@inproceedings{Ghilardi:AiML:2006,

author = {Silvio Ghilardi and

Carsten Lutz and

Frank Wolter and

Michael Zakharyaschev},

title = {Conservative extensions in modal logic},

booktitle = {Advances in Modal Logic},

year = {2006},

pages = {187-207},

ee = {http://www.aiml.net/volumes/volume6/Ghilardi-Lutz-Wolter-Zakharyaschev.ps},

crossref = {DBLP:conf/aiml/2006},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@proceedings{DBLP:conf/aiml/2006,

editor = {Guido Governatori and

Ian M. Hodkinson and

Yde Venema},

title = {Advances in Modal Logic 6, papers from the sixth conference

on "Advances in Modal Logic," held in Noosa, Queensland,

Australia, on 25-28 September 2006},

booktitle = {Advances in Modal Logic},

publisher = {College Publications},

year = {2006},

isbn = {1-904987-20-6},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@article{Delgrande:JAIR:2013,

author = {James P. Delgrande and

Renata Wassermann},

title = {Horn Clause Contraction Functions},

journal = {J. Artif. Intell. Res. (JAIR)},

volume = {48},

year = {2013},

pages = {475-511},

}

@article{Liberatore:JACM:2001,

author = {Paolo Liberatore},

title = {Monotonic Reductions, Representative Equivalence, and Compilation of Intractable Problems},

journal = {Journal of the ACM},

volume = {48},

number = {6},

year = {2001},

pages = {1091--1125},

numpages = {35},

}

@article{Horn:JSL:1951,

author = {Alfred Horn},

title = {On Sentences Which are True of Direct Unions of Algebras},

journal = {The Journal of Symbolic Logic},

volume = {16},

number = {1},

year = {1951},

pages = {14-21},

}

@article{Krom:JSL:1970,

author = {M. R. Krom},

title = {The Decision Problem for Formulas in Prenex Conjunctive

Normal Form with Binary Disjunctions},

journal = {The Journal of Symbolic Logic},

volume = {35},

number = {2},

year = {1970},

pages = {210-216},

}

@inproceedings{Maonian:AAAI:2011,

author = {Maonian Wu and

Dongmo Zhang and

Mingyi Zhang},

title = {Language Splitting and Relevance-Based Belief Change in Horn Logic},

booktitle = {AAAI},

address = {San Francisco, California, USA},

year = {2011},

publisher = {AAAI Press},

}

@article{Marquis:AIJ:2014,

title = "Lost in translation: Language independence in propositional logic -- application to belief change",

journal = "Artificial Intelligence ",

volume = "206",

number = "0",

pages = "1 - 24",

year = "2014",

author = "Pierre Marquis and Nicolas Schwind",

}

@inproceedings{Liang:CCAI:2013,

author = {Xin Liang and

Zuoquan Lin and

Jan Van den Bussche},

title = {Quantitatively Evaluating Formula-Variable Relevance by

Forgetting},

booktitle = {Canadian Conference on AI},

year = {2013},

pages = {271-277},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {7884},

address = {Regina, SK, Canada},

}

@INPROCEEDINGS{Dai:CSAE:2011,

author={Dai Xu and Zuoquan Lin},

booktitle={Computer Science and Automation Engineering (CSAE), 2011 IEEE International Conference on},

title={A prime implicates-based formulae forgetting},

year={2011},

volume={3},

pages={128-132},

address = {Shanghai},

publisher = {IEEE},

}

@inproceedings{Bienvenu:AAAI:2010,

author = {Meghyn Bienvenu and

H{\'e}l{\`e}ne Fargier and

Pierre Marquis},

title = {Knowledge Compilation in the Modal Logic S5},

booktitle = {AAAI},

year = {2010},

crossref = {DBLP:conf/aaai/2010},

}

@proceedings{DBLP:conf/aaai/2010,

editor = {Maria Fox and

David Poole},

title = {Proceedings of the Twenty-Fourth AAAI Conference on Artificial

Intelligence, AAAI 2010, Atlanta, Georgia, USA, July 11-15,

2010},

booktitle = {AAAI},

publisher = {AAAI Press},

year = {2010},

}

@INBOOK{Buning:Handbook:Complexity:2009,

AUTHOR = {Hans Kleine B\"{u}ning and Uwe Bubeck},

editor = {Armin Biere and Marijn Heule and Hans van Maaren and Toby Walsh},

TITLE = {Handbook of Satisfiability},

CHAPTER = {23 Theory of Quantified Boolean Formulas},

pages = {735--760},

PUBLISHER = {IOS Press},

YEAR = {2009},

}

@inproceedings{Yisong:LPNMR:2013,

author = {Yisong Wang and

Zhiqiang Zhuang and

Kewen Wang},

title = {Belief Change in Nonmonotonic Multi-Context Systems},

booktitle = {Logic Programming and Nonmonotonic Reasoning, 12th International

Conference, LPNMR 2013},

year = {2013},

pages = {543-555},

address = {Corunna, Spain},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {8148},

}

@inproceedings{Yisong:RR:2013,

author = {Yisong Wang and

Thomas Eiter and

Jia-Huai You and

Li-Yan Yuan and

Yi-Dong Shen},

title = {Eliminating Nonmonotonic DL-Atoms in Description Logic Programs},

booktitle = {Web Reasoning and Rule Systems - 7th International Conference,

RR 2013},

year = {2013},

address = {Mannheim, Germany},

pages = {168-182},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {7994},

}

@inproceedings{Sebastian:RR:2013,

author = {Sebastian Binnewies and

Yisong Wang and

Bela Stantic and

Kewen Wang},

title = {Rule Revision in Normal DL Logic Programs},

booktitle = {Web Reasoning and Rule Systems - 7th International Conference,

RR 2013},

year = {2013},

address = {Mannheim, Germany},

pages = {204-209},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {7994},

}

@inproceedings{Yisong:ICTAC:2013,

author = {Yisong Wang and

Jia-Huai You and

Mingyi Zhang},

title = {Embedding Functions into Disjunctive Logic Programs},

booktitle = {Theoretical Aspects of Computing - ICTAC 2013 - 10th International Colloquium},

address = {Shanghai, China},

year = {2013},

pages = {355-372},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {8049},

}

@article{Horn:1951,

title = {On Sentences Which are True of Direct Unions of Algebras},

author = {Horn Alfred},

journal = {The Journal of Symbolic Logic},

volume = {16},

number = {1},

pages = {14-21},

year = {1951},

}

@inproceedings{DBLP:conf/dagstuhl/BonnerK98,

author = {Anthony J. Bonner and

Michael Kifer},

title = {A Logic for Programming Database Transactions},

booktitle = {Logics for Databases and Information Systems},

year = {1998},

pages = {117-166},

crossref = {DBLP:books/kl/ChomickiS98},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@book{DBLP:books/kl/ChomickiS98,

editor = {Jan Chomicki and

Gunter Saake},

title = {Logics for Databases and Information Systems (the book grow

out of the Dagstuhl Seminar 9529: Role of Logics in Information

Systems, 1995)},

publisher = {Kluwer},

year = {1998},

}

@INPROCEEDINGS{Yisong:IJCAI:2013,

AUTHOR = {Yisong Wang and

Kewen Wang

and Mingyi Zhang},

TITLE = {Forgetting for Answer Set Programs Revisited},

BOOKTITLE = {IJCAI 2013, Proceedings of the 23rd International Joint Conference on Artificial Intelligence},

YEAR = {2013},

pages = {1162-1168},

address = {Beijing, China},

publisher = {IJCAI/AAAI},

}

@inproceedings{Osorio:FoIKS:2004,

author = {Mauricio Osorio and

Fernando Zacarias},

title = {On Updates of Logic Programs: A Properties-Based Approach},

booktitle = {FoIKS},

year = {2004},

pages = {231-241},

crossref = {DBLP:conf/foiks/2004},

}

@proceedings{DBLP:conf/foiks/2004,

editor = {Dietmar Seipel and

Jose Maria Turull Torres},

title = {Foundations of Information and Knowledge Systems, Third

International Symposium, FoIKS 2004, Wilhelminenberg Castle,

Austria, February 17-20, 2004, Proceedings},

booktitle = {FoIKS},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {2942},

year = {2004},

isbn = {3-540-20965-4},

}

@article{Gu:AMAI:2010,

author = {Yilan Gu and

Mikhail Soutchanski},

title = {A description logic based situation calculus},

journal = {Annals of Mathematics and Artificial Intelligence},

volume = {58},

number = {1-2},

year = {2010},

pages = {3-83},

ee = {http://dx.doi.org/10.1007/s10472-010-9176-z},

}

@article{Liu:AIJ:2011,

author = {Hongkai Liu and

Carsten Lutz and

Maja Milicic and

Frank Wolter},

title = {Foundations of instance level updates in expressive description logics},

journal = {Artif. Intell.},

volume = {175},

number = {18},

year = {2011},

pages = {2170-2197},

ee = {http://dx.doi.org/10.1016/j.artint.2011.08.003},

}

@article{Fikes:AIJ:1971,

author = "Richard E. Fikes and Nils J. Nilsson",

title = "\textsc{Strips}: A new approach to the application of theorem proving to problem solving ",

journal = "Artificial Intelligence ",

volume = "2",

number = "3¨C4",

pages = "189 - 208",

year = "1971",

issn = "0004-3702",

}

@article{Hariri:JAIR:2013,

author = {Babak Bagheri Hariri and

Diego Calvanese and

Marco Montali and

Giuseppe De Giacomo and

Riccardo De Masellis and

Paolo Felli},

title = {Description Logic Knowledge and Action Bases},

journal = {J. Artif. Intell. Res. (JAIR)},

volume = {46},

year = {2013},

pages = {651-686},

}

@INPROCEEDINGS{Baader:AAAI:2005,

author = {Franz Baader and Carsten Lutz and Ulrike Sattler and Frank Wolter},

title = {Integrating description logics and action formalisms: First results},

booktitle = {In Proceedings of the Twentieth National Conference on Artificial Intelligence (AAAI-05)},

year = {2005},

pages = {572--577},

address = {Pittsburgh, Pennsylvania, USA},

publisher = {AAAI Press / The MIT Press },

}

@BOOK{Reiter:KA:2001,

AUTHOR = {Ray Reiter},

TITLE = {Knowledge in Action: Logical Foundations for Specifying and Implementing Dynamical Systems},

PUBLISHER = {MIT Press},

YEAR = {2001},

}

@article{DBLP:journals/ai/McCarthy80,

author = {John McCarthy},

title = {Circumscription - A Form of Non-Monotonic Reasoning},

journal = {Artificial Intelligence},

volume = {13},

number = {1-2},

year = {1980},

pages = {27-39},

ee = {http://dx.doi.org/10.1016/0004-3702(80)90011-9},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@INPROCEEDINGS{Mccarthy:MI:1968,

author = {John Mccarthy and Patrick J. Hayes},

title = {Some Philosophical Problems from the Standpoint of Artificial Intelligence},

booktitle = {Machine Intelligence},

year = {1969},

pages = {463--502},

publisher = {Edinburgh University Press}

}

@PHDTHESIS{Guadarrama:PhD:2010,

AUTHOR = {Juan Carlos Acosta Guadarrama},

TITLE = {On Updates of Epistemic States Belief Change under Incomplete Information},

SCHOOL = {Clausthal University of Technology},

YEAR = {2010},

}

@article{Osorio:TPLP:2007,

author = {Mauricio Osorio and

V\'{\i}ctor Cuevas},

title = {Updates in answer set programming: An approach based on basic structural properties},

journal = {Theory and Practice of Logic Programming},

volume = {7},

number = {4},

year = {2007},

pages = {451-479},

ee = {http://dx.doi.org/10.1017/S1471068406003000},

}

@inproceedings{Brewka:IJCAI:2011,

author = {Gerhard Brewka and

Thomas Eiter and

Michael Fink and

Antonius Weinzierl},

title = {Managed Multi-Context Systems},

editor = {Toby Walsh},

booktitle = {IJCAI 2011, Proceedings of the 22nd International Joint

Conference on Artificial Intelligence},

year = {2011},

address = {Barcelona, Catalonia, Spain},

pages = {786-791},

publisher = {IJCAI/AAAI},

}

@article{Chandru:AMAI:1990,

year={1990},

journal={Annals of Mathematics and Artificial Intelligence},

volume={1},

number={1-4},

title={On renamable Horn and generalized Horn functions},

publisher={Kluwer Academic Publishers},

author={V. Chandru and

Collette R. Coullard and

Peter L. Hammer and

M. Montanuz and

Xiaorong Sun},

pages={33-47},

}

@article{Eiter:JCSS:2000,

author = {Thomas Eiter and

Toshihide Ibaraki and

Kazuhisa Makino},

title = {On the Difference of Horn Theories},

journal = {Journal of Computer Systtem Science},

volume = {61},

number = {3},

year = {2000},

pages = {478-507},

}

@article{Tamargo:KER:2012,

author = {Luciano H. Tamargo and

Alejandro Javier Garc\'{\i}a and

Marcelo A. Falappa and

Guillermo Ricardo Simari},

title = {Modeling knowledge dynamics in multi-agent systems based

on informants},

journal = {The Knowledge Engineering Review},

volume = {27},

number = {1},

year = {2012},

pages = {87-114},

}

@inproceedings{Malheiro:ECAI:1994,

author = {Benedita Malheiro and

Nicholas R. Jennings and

Eugenio Oliveira},

title = {Belief Revision in Multi-Agent Systems},

booktitle = {11th European Conf. on Artificial Intelligence (ECAI-94)},

address = {Amsterdam, Netherlands},

year = {1994},

pages = {294-298},

}

@article{Liu:SL:2001,

author = {Wei Liu and Mary-Anne Williams},

title = {A Framework for Multi-Agent Belief Revision},

journal = {Studia Logica},

volume = {67},

number = {2},

year = {2001},

pages = {291-312},

}

@article {Dragoni:AAMAS:2003,

title = {Distributed Belief Revision},

journal = {Autonomous Agents and Multi-Agent Systems},

volume = {6},

number = {2},

year = {2003},

pages = {115-143},

author = {Aldo Franco Dragoni and Paolo Giorgini}

}

@inproceedings {Dragoni:2002,

title = {Toward a Revision for Multi-Context Systems},

booktitle = {Workshop on Logics for Agent-Based Systems (LABS 2002)},

year = {2002},

address = {Tolose (France)},

author = {Aldo Franco Dragoni and Paolo Giorgini},

pages = {},

}

@inproceedings{Schulte:2006,

author = {Oliver Schulte},

title = {How Do the Harper and Levi Identities Constrain Belief Change?},

booktitle = {Truth and Probability, Essays in Honour of Hugh LeBlanc},

year = {2006},

pages = {123-137},

address = {London},

publisher = {College Publications},

}

@article{Serafini:AIJ:2004,

author = {Luciano Serafini and

Paolo Bouquet},

title = {Comparing formal theories of context in \textsc{AI}},

journal = {Artificial Intelligence},

volume = {155},

number = {1-2},

year = {2004},

pages = {41-67},

}

@article{Sakama:DBLP:2003,

author = {Chiaki Sakama and

Katsumi Inoue},

title = {An abductive framework for computing knowledge base updates},

journal = {Theory and Practice of Logic Programming},

volume = {3},

number = {6},

year = {2003},

pages = {671-713},

}

@inproceedings{Delgrande:LPNMR:2007,

author = {James P. Delgrande and

Torsten Schaub and

Hans Tompits},

title = {A Preference-Based Framework for Updating Logic Programs},

booktitle = {LPNMR},

year = {2007},

pages = {71-83},

crossref = {DBLP:conf/lpnmr/2007},

}

@inproceedings{Zhang:IJCAI:1997,

author = {Yan Zhang and

Norman Y. Foo},

title = {Towards Generalized Rule-based Updates},

booktitle = {IJCAI (1)},

year = {1997},

pages = {82-88},

crossref = {DBLP:conf/ijcai/1997},

}

@article{Eiter:TPLP:2002,

author = {Eiter,Thomas and Fink,Michael and Sabbatini,Giuliana and Tompits,Hans},

title = {On properties of update sequences based on causal rejection},

journal = {Theory and Practice of Logic Programming},

volume = {2},

issue = {06},

month = {10},

year = {2002},

issn = {1475-3081},

pages = {711--767},

numpages = {57},

}

@article{DBLP:journals/jacm/EmdenK76,

author = {Maarten H. van Emden and

Robert A. Kowalski},

title = {The Semantics of Predicate Logic as a Programming Language},

journal = {Journal of the {ACM}},

volume = {23},

number = {4},

pages = {733--742},

year = {1976},

url = {http://doi.acm.org/10.1145/321978.321991},

doi = {10.1145/321978.321991},

timestamp = {Thu, 26 Jan 2012 17:31:31 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/jacm/EmdenK76},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{DBLP:journals/amai/TruszczynskiW08,

author = {Miroslaw Truszczynski and

Stefan Woltran},

title = {Hyperequivalence of logic programs with respect to supported models},

journal = {Ann. Math. Artif. Intell.},

volume = {53},

number = {1-4},

pages = {331--365},

year = {2008},

url = {http://dx.doi.org/10.1007/s10472-009-9119-8},

doi = {10.1007/s10472-009-9119-8},

timestamp = {Wed, 20 May 2009 14:45:58 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/amai/TruszczynskiW08},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@ARTICLE{Delgrande:TOCL:2012,

AUTHOR = {James P. Delgrande and Torsten Schaub and Hans Tompits and Stefan Woltran},

TITLE = {A Model-theoretic Approach to Belief Change in Answer Set Programming},

JOURNAL = {ACM Transactions on Computational Logic},

YEAR = {2013},

volume = {14},

number = {2},

pages = {A:1-A:42},

}

@inproceedings{Eiter:RR:2012,

author = {Thomas Eiter and

Michael Fink and

Daria Stepanova},

title = {Semantic Independence in DL-Programs},

booktitle = {RR},

year = {2012},

pages = {58-74},

crossref = {DBLP:conf/rr/2012}

}

@proceedings{DBLP:conf/rr/2012,

editor = {Markus Kr{\"o}tzsch and

Umberto Straccia},

title = {Web Reasoning and Rule Systems - 6th International Conference,

RR 2012, Vienna, Austria, September 10-12, 2012. Proceedings},

booktitle = {RR},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {7497},

year = {2012},

}

@article{Ferme:JPL:2011,

author = {Eduardo L. Ferm{\'e} and

Sven Ove Hansson},

title = {\textsc{AGM} 25 Years - Twenty-Five Years of Research in Belief Change},

journal = {Journal of Philosophical Logic},

volume = {40},

number = {2},

year = {2011},

pages = {295-331},

}

@inproceedings{Brewka:Gelfond:Birthday:2011,

author = {Gerhard Brewka and

Thomas Eiter and

Michael Fink},

title = {Nonmonotonic Multi-Context Systems: A Flexible Approach

for Integrating Heterogeneous Knowledge Sources},

booktitle = {Logic Programming, Knowledge Representation, and Nonmonotonic

Reasoning},

year = {2011},

pages = {233-258},

crossref = {DBLP:conf/birthday/2011gelfond},

}

@proceedings{DBLP:conf/birthday/2011gelfond,

editor = {Marcello Balduccini and

Tran Cao Son},

title = {Logic Programming, Knowledge Representation, and Nonmonotonic

Reasoning - Essays Dedicated to Michael Gelfond on the Occasion

of His 65th Birthday},

booktitle = {Logic Programming, Knowledge Representation, and Nonmonotonic

Reasoning},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {6565},

year = {2011},

isbn = {978-3-642-20831-7},

}

@BOOK{Gardenfors:book:1995,

AUTHOR = {Peter G\"{a}rdenfors},

TITLE = {Knowledge in Flux, modeling the dynamics of epistemic states},

PUBLISHER = {MIT Press, Cambridge, Massachusetts},

year = {1995},

}

@ARTICLE{Yisong:TCS:2012,

AUTHOR = {Yisong Wang and Jia-Huai You and Li Yan Yuan and Yi-Dong Shen and Mingyi Zhang},

TITLE = {The Loop Formula based Semantics of Description Logic Programs},

JOURNAL = {Theoretical Computer Science},

YEAR = {2012},

volume = {415},

pages = {60-85},

}

@ARTICLE{Artale:JAIR:2009,

AUTHOR = {Alessandro Artale and Diego Calvanese and Roman Kontchakov and Michael Zakharyaschev},

TITLE = {The \textrm{DL-Lite} Family and Relations},

JOURNAL = {J. Artif. Intell. Res. (JAIR)},

YEAR = {2009},

volume = {36},

pages = {1-69},

}

@inproceedings{Dalal:AAAI:1988,

author = {Mukesh Dalal},

title = {Investigations into a Theory of Knowledge Base Revision},

booktitle = {Proceedings of the 7th National Conference on Artificial Intelligence},

year = {1988},

pages = {475-479},

publisher = {AAAI Press / The MIT Press},

address = {St. Paul, MN},

}

@inproceedings{Satoh:FGCS:1988,

author = {Ken Satoh},

title = {Nonmonotonic Reasoning by Minimal Belief Revision},

booktitle = {Proceedings of the International Conference on Fifth Generation Computer Systems 1988},

year = {1988},

address = {Tokyo, Japan},

pages = {455-462},

}

@inproceedings{Yang:ICIC:2011,

author = {Yang, Bo and Zhang, Mingyi and Zhang, Ying},

title = {Applying answer set programming to points-to analysis of object-oriented language},

booktitle = {Proceedings of the 7th international conference on Advanced Intelligent Computing, 2011},

year = {2011},

address = {Zhengzhou, China},

pages = {676--685},

publisher = {Springer-Verlag},

}

@inproceedings{Bartholomew:KR:2012,

author = {Michael Bartholomew and

Joohyung Lee},

title = {Stable Models of Formulas with Intensional Functions},

booktitle = {Principles of Knowledge Representation and Reasoning: Proceedings

of the Thirteenth International Conference, KR 2012},

year = {2012},

address = {Rome,Italy},

publisher = {AAAI Press},

pages = {2-12},

}

@inproceedings{Lifschitz:KR:2012,

author = {Vladimir Lifschitz},

title = {Logic Programs with Intensional Functions},

booktitle = {Principles of Knowledge Representation and Reasoning: Proceedings

of the Thirteenth International Conference, KR 2012},

year = {2012},

address = {Rome,Italy},

publisher = {AAAI Press},

pages = {24-31},

}

@article{Yisong:AMAI:2010,

author = {Yisong Wang and

Jia-Huai You and

Fangzhen Lin and

Li-Yan Yuan and

Mingyi Zhang},

title = {Weight constraint programs with evaluable functions},

journal = {Annals of Mathematics and Artificial Intelligence},

volume = {60},

number = {3-4},

year = {2010},

pages = {341-380},

}

@article{Rahwan:KER:2003,

author = {Iyad Rahwan and

Sarvapali D. Ramchurn and

Nicholas R. Jennings and

Peter McBurney and

Simon Parsons and

Liz Sonenberg},

title = {Argumentation-based negotiation},

journal = {The Knowledge Engineering Review},

volume = {18},

number = {4},

year = {2003},

pages = {343-375},

}

@inproceedings{ChenWu:AI:2007,

author = {Wu Chen and

Norman Y. Foo and

Mingyi Zhang},

title = {Forgetting in Logic Programs with Ordered Disjunction},

booktitle = {Australian Conference on Artificial Intelligence},

year = {2007},

pages = {254-262},

address = {Gold Coast, Australia},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {4830},

}

@inproceedings{Chen:KR:2008,

author = {Xiaoping Chen and

Jianmin Ji and

Fangzhen Lin},

title = {Computing Loops with at Most One External Support Rule},

booktitle = {Principles of Knowledge Representation and Reasoning: Proceedings

of the Eleventh International Conference, KR 2008 },

year = {2008},

pages = {401-410},

address = {Sydney, Australia},

publisher = {AAAI Press},

}

@article{Lee:JAIR:2011,

author = {Joohyung Lee and

Yunsong Meng},

title = {First-Order Stable Model Semantics and First-Order Loop Formulas},

journal = {J. Artif. Intell. Res. (JAIR)},

volume = {42},

year = {2011},

pages = {125-180},

}

@inproceedings{Dao:KR:2010,

author = {Minh Dao-Tran and

Thomas Eiter and

Michael Fink and

Thomas Krennwallner},

title = {Distributed Nonmonotonic Multi-Context Systems},

booktitle = {Principles of Knowledge Representation and Reasoning: Proceedings

of the Twelfth International Conference, KR 2010},

year = {2010},

publisher = {AAAI Press},

address = {Toronto, Ontario, Canada},

pages = {60-70},

}

@article{Konev:JAIR:2012,

author = {Boris Konev and

Michel Ludwig and

Dirk Walther and

Frank Wolter},

title = {The Logical Difference for the Lightweight Description Logic $\mathcal{EL}$ },

journal = {Journal of Artificial Intelligence Research},

volume = {44},

year = {2012},

pages = {633-708},

}

@article{Eiter:TOCL:2007,

author = {Thomas Eiter and

Michael Fink and

Stefan Woltran},

title = {Semantical characterizations and complexity of equivalences

in answer set programming},

journal = {ACM Transaction of Computional Logic},

volume = {8},

number = {3},

year = {2007},

}

@article{DBLP:journals/jair/JanhunenOTW09,

author = {Tomi Janhunen and

Emilia Oikarinen and

Hans Tompits and

Stefan Woltran},

title = {Modularity Aspects of Disjunctive Stable Models},

journal = {J. Artif. Intell. Res. {(JAIR)}},

volume = {35},

pages = {813--857},

year = {2009},

url = {http://dx.doi.org/10.1613/jair.2810},

doi = {10.1613/jair.2810},

timestamp = {Fri, 11 Jun 2010 08:29:56 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/jair/JanhunenOTW09},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{Gabbay:JAIR:2011,

author = {Dov M. Gabbay and

David Pearce and

Agust\'{\i}n Valverde},

title = {Interpolable Formulas in Equilibrium Logic and Answer Set Programming},

journal = {Journal of Artificial Intelligence Research},

volume = {42},

year = {2011},

pages = {917-943},

}

@ARTICLE{Kewen:CI:2012,

author = {Kewen Wang and

Zhe Wang and

Rodney W. Topor and

Jeff Z. Pan and

Grigoris Antoniou},

title = {Eliminating Concepts and Roles from Ontologies in Expressive

Descriptive Logics},

journal = {Computational Intelligence},

volume = {30},

number = {2},

year = {2014},

pages = {205-232},

ee = {http://dx.doi.org/10.1111/j.1467-8640.2012.00442.x},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@inproceedings{Slota:KR:2012,

author = {Martin Slota and

Jo{\~a}o Leite},

title = {Robust Equivalence Models for Semantic Updates of Answer-Set

Programs},

booktitle = {Principles of Knowledge Representation and Reasoning: Proceedings

of the Thirteenth International Conference, KR 2012},

year = {2012},

address = {Rome, Italy},

publisher = {AAAI Press},

}

@article{Boros:DAM:1994,

author = "Endre Boros",

title = "Recognition of q-Horn formulae in linear time",

journal = "Discrete Applied Mathematics ",

volume = "55",

number = "1",

pages = "1 - 13",

year = "1994",

}

@article{Lewis:JACM:1978,

author = {Harry R. Lewis},

title = {Renaming a Set of Clauses as a Horn Set},

journal = {J. ACM},

volume = {25},

number = {1},

year = {1978},

pages = {134-135},

}

@article{Eiter:IC:1998,

author = {Thomas Eiter and

Toshihide Ibaraki and

Kazuhisa Makino},

title = {Double Horn Functions},

journal = {Inf. Comput.},

volume = {144},

number = {2},

year = {1998},

pages = {155-190},

}

@INPROCEEDINGS{Eiter:FoIKS:2012,

AUTHOR = {Thomas Eiter and Thomas Krennwallner and Patrik Schneider and Guohui Xiao},

TITLE = {Uniform Evaluation of Nonmonotonic DL-Programs},

BOOKTITLE = {Foundations of Information and Knowledge Systems - 7th International Symposium},

YEAR = {2012},

editor = {Thomas Lukasiewicz and Attila Sali },

series = {Lecture Notes in Computer Science 7153},

pages = {1-22},

address = {Kiel, Germany},

publisher = {Springer},

}

@inproceedings{Eiter:KR:2004,

author = {Thomas Eiter and

Michael Fink and

Hans Tompits and

Stefan Woltran},

title = {On Eliminating Disjunctions in Stable Logic Programming},

booktitle = {Principles of Knowledge Representation and Reasoning: Proceedings

of the Ninth International Conference (KR2004)},

year = {2004},

publisher = {AAAI Press},

pages = {447-458},

address = {Whistler, Canada},

}

@inproceedings{Yisong:KR:2012,

author = {Yisong Wang and

Yan Zhang and

Yi Zhou and

Mingyi Zhang},

title = {Forgetting in Logic Programs under Strong Equivalence},

booktitle = {Principles of Knowledge Representation and Reasoning: Proceedings

of the Thirteenth International Conference},

address = {Rome, Italy},

publisher = {AAAI Press},

year = {2012},

pages = {643--647},

}

@INBOOK{Dubios:PL:1994,

AUTHOR = {Didier Dubios and J{\'e}r{\^o}me Lang and Henri Prade},

TITLE = {Handbook of Logic in Artificial Intelligence and Logic Programming},

pages = {439--513},

PUBLISHER = {Oxford University Press},

YEAR = {1994},

volume = {3},

}

@inproceedings{Yisong:AAAI:2012,

author = {Yisong Wang and

Fangzhen Lin and

Mingyi Zhang and

Jia-Huai You},

title = {A Well-Founded Semantics for Basic Logic Programs with Arbitrary

Abstract Constraint Atoms},

booktitle = {Proceedings of the Twenty-Sixth AAAI Conference on Artificial

Intelligence},

year = {2012},

address = {Toronto, Ontario, Canada},

publisher = {AAAI Press},

}

@inproceedings{Torsten:ICLP:2009,

author = {Torsten Schaub and

Sven Thiele},

title = {Metabolic Network Expansion with Answer Set Programming},

booktitle = {Logic Programming, 25th International Conference, ICLP 2009},

year = {2009},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {5649},

address = {Pasadena, CA, USA},

pages = {312-326},

}

@inproceedings{Gebser:LPNMR:2011,

author = {Martin Gebser and

Roland Kaminski and

Benjamin Kaufmann and

Torsten Schaub},

title = {Challenges in Answer Set Solving},

booktitle = {Logic Programming, Knowledge Representation, and Nonmonotonic

Reasoning},

year = {2011},

pages = {74-90},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {6565},

}

@article{Gebser:TPLP:2011,

author = {Martin Gebser and

Torsten Schaub and

Sven Thiele and

Philippe Veber},

title = {Detecting inconsistencies in large biological networks with

answer set programming},

journal = {TPLP},

volume = {11},

number = {2-3},

year = {2011},

pages = {323-360},

}

@inproceedings{Baader:IJCAI:2005,

author = {Franz Baader and

Sebastian Brandt and

Carsten Lutz},

title = {Pushing the \textsc{EL} Envelope},

booktitle = {Proceedings of the Nineteenth International Joint

Conference on Artificial Intelligence},

year = {2005},

publisher = {Professional Book Center},

address = {Edinburgh, Scotland, UK},

pages = {364-369},

}

@article{Calvanese:JAR:2007,

author = {Diego Calvanese and

Giuseppe De Giacomo and

Domenico Lembo and

Maurizio Lenzerini and

Riccardo Rosati},

title = {Tractable Reasoning and Efficient Query Answering in Description

Logics: The {\it DL-Lite} Family},

journal = {Journal of Automated Reasoning},

volume = {39},

number = {3},

year = {2007},

pages = {385-429},

}

@inproceedings{Eiter:LPNMR:2004,

author = {Thomas Eiter and

Michael Fink and

Hans Tompits and

Stefan Woltran},

title = {Simplifying Logic Programs Under Uniform and Strong Equivalence},

address = {Fort Lauderdale, FL, USA},

booktitle = {Logic Programming and Nonmonotonic Reasoning, 7th International Conference},

year = {2004},

pages = {87-99},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {2923},

}

@inproceedings{Eiter:IJCAI:2005,

author = {Thomas Eiter and

Hans Tompits and

Stefan Woltran},

title = {On Solution Correspondences in Answer-Set Programming},

booktitle = {Proceedings of the Nineteenth International Joint

Conference on Artificial Intelligence},

year = {2005},

address = {Edinburgh, Scotland, UK},

pages = {97-102},

publisher = {Professional Book Center},

}

@inproceedings{Delgrande:KR:2008,

author = {James P. Delgrande and

Torsten Schaub and

Hans Tompits and

Stefan Woltran},

title = {Belief Revision of Logic Programs under Answer Set Semantics},

booktitle = {Principles of Knowledge Representation and Reasoning: Proceedings

of the Eleventh International Conference},

year = {2008},

pages = {411-421},

publisher = {AAAI Press},

address = {Sydney, Australia},

}

@inproceedings{Delgrande:ICLP:2009,

author = {James P. Delgrande and

Torsten Schaub and

Hans Tompits and

Stefan Woltran},

title = {Merging Logic Programs under Answer Set Semantics},

booktitle = {Logic Programming, 25th International Conference},

year = {2009},

pages = {160-174},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {5649},

address = {Pasadena, CA, USA},

}

@inproceedings{Slota:ECAI:2010,

author = {Martin Slota and

Jo{\~a}o Leite},

title = {On Semantic Update Operators for Answer-Set Programs},

booktitle = {ECAI 2010 - 19th European Conference on Artificial Intelligence},

year = {2010},

pages = {957-962},

publisher = {IOS Press},

series = {Frontiers in Artificial Intelligence and Applications},

volume = {215},

address = {Lisbon, Portugal},

}

@article{Brewka:CACM:2011,

author = {Gerhard Brewka and

Thomas Eiter and

Miroslaw Truszczynski},

title = {Answer set programming at a glance},

journal = {Communications of the ACM},

volume = {54},

number = {12},

year = {2011},

pages = {92-103},

}

article{DAgostino:Synthese:2008,

author = {Giovanna D'Agostino},

title = {Interpolation in non-classical logics},

journal = {Synthese},

volume = {164},

number = {3},

year = {2008},

pages = {421-435},

}

@inproceedings{Santocanale:AiML:2010,

author = {Luigi Santocanale and

Yde Venema},

title = {Uniform Interpolation for Monotone Modal Logic},

booktitle = {Advances in Modal Logic},

year = {2010},

pages = {350-370},

address = {Nancy, France},

publisher = {College Publications},

}

@article{Buning:IC:1995,

author = {Hans Kleine B{\"u}ning and

Marek Karpinski and

Andreas Fl{\"o}gel},

title = {Resolution for Quantified Boolean Formulas},

journal = {Inf. Comput.},

volume = {117},

number = {1},

year = {1995},

pages = {12-18},

}

@inproceedings{Eiter:WI:2006,

author = {Thomas Eiter and

Giovambattista Ianni and

Roman Schindlauer and

Hans Tompits and

Kewen Wang},

title = {Forgetting in Managing Rules and Ontologies},

booktitle = {IEEE / WIC / ACM International Conference on Web Intelligence (WI 2006)},

year = {2006},

publisher = {IEEE Computer Society},

address = {Hong Kong, China},

pages = {411-419},

}

@article{Jongh:TPLP:2003,

author = {Dick De Jongh and

Lex Hendriks},

title = {Characterization of strongly equivalent logic programs in

intermediate logics},

journal = {Theory and Practice of Logic Programming},

volume = {3},

number = {3},

year = {2003},

pages = {259-270},

}

@BOOK{AIJ:1997,

editor = {Daniel G. Bobrow and

Devika Subramanian and

Russell Greiner and

Judea Pearl },

TITLE = { Special issue on relevance 97 (1-2)},

YEAR = {1997},

PUBLISHER = { Artificial Intelligence Journal },

}

@INPROCEEDINGS{Lukasiewicz:1938,

AUTHOR = {Jan {\L}ukasiewicz},

TITLE = {Die Logik und das Grundlagenproblem},

BOOKTITLE = {Les Entreties de Z\"{u}rich sur les Fondaments et la M\'{e}thode des Sciences Math\'{e}matiques 1938},

YEAR = {1941},

volume = {12},

pages = {82-100},

address = {Z\"{u}rich},

}

@article{Yan:AIJ:2009,

author = {Yan Zhang and

Yi Zhou},

title = {Knowledge forgetting: Properties and applications},

journal = {Artificial Intelligence},

volume = {173},

number = {16-17},

year = {2009},

pages = {1525-1537},

}

@inproceedings{Yongmei:IJCAI:2011,

author = {Yongmei Liu and

Ximing Wen},

title = {On the Progression of Knowledge in the Situation Calculus},

booktitle = {IJCAI 2011, Proceedings of the 22nd International Joint

Conference on Artificial Intelligence},

year = {2011},

pages = {976-982},

publisher = {IJCAI/AAAI},

address = { Barcelona, Catalonia, Spain},

}

@inproceedings{Lutz:IJCAI:2011,

author = {Carsten Lutz and

Frank Wolter},

title = {Foundations for Uniform Interpolation and Forgetting in Expressive Description Logics},

booktitle = {IJCAI 2011, Proceedings of the 22nd International Joint

Conference on Artificial Intelligence},

year = {2011},

publisher = {IJCAI/AAAI},

address = { Barcelona, Catalonia, Spain},

pages = {989-995},

}

@article{Wang:AMAI:2010,

author = {Zhe Wang and

Kewen Wang and

Rodney W. Topor and

Jeff Z. Pan},

title = {Forgetting for knowledge bases in \textrm{DL-Lite}},

journal = {Annuals of Mathematics and Artificial Intelligence},

volume = {58},

number = {1-2},

year = {2010},

pages = {117-151},

}

@inproceedings{Pearce:NMELP:1996,

author = {David Pearce},

title = {A New Logical Characterisation of Stable Models and Answer

Sets},

booktitle = {Non-Monotonic Extensions of Logic Programming, NMELP'96},

year = {1996},

pages = {57-70},

address = {Bad Honnef, Germany},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {1216},

}

@inproceedings{Delgrande:IJCAI:11,

author = {James P. Delgrande and

Pavlos Peppas},

title = {Revising Horn Theories},

booktitle = {IJCAI 2011, Proceedings of the 22nd International Joint

Conference on Artificial Intelligence},

publisher = {IJCAI/AAAI},

year = {2011},

address = {Barcelona, Catalonia, Spain},

pages = {839-844},

}

@article{Dowling:JLP:1984,

author = {William F. Dowling and

Jean H. Gallier},

title = {Linear-Time Algorithms for Testing the Satisfiability of

Propositional Horn Formulae},

journal = {Journal of Logical Programming},

volume = {1},

number = {3},

year = {1984},

pages = {267-284},

}

@article{Eiter:AIJ:1992,

author = {Thomas Eiter and

Georg Gottlob},

title = {On the Complexity of Propositional Knowledge Base Revision,

Updates, and Counterfactuals},

journal = {Artif. Intell.},

volume = {57},

number = {2-3},

year = {1992},

}

@INPROCEEDINGS{Visser:Godel:1996,

AUTHOR = {Albert Visser },

TITLE = {Uniform Interpolation and Layered Bisimulation},

BOOKTITLE = {G\"{o}del'96},

YEAR = {1996},

pages = {139-164},

}

@article{Gabbay:2010:HT,

author = {Dov M. Gabbay and

David Pearce and

Agust\'{\i}n Valverde},

title = {Interpolation in Equilibrium Logic and Answer Set Programming:

the Propositional Case},

journal = {CoRR},

volume = {abs/1012.3947},

year = {2010},

ee = {http://arxiv.org/abs/1012.3947},

}

@INPROCEEDINGS{Maksimova:1977,

AUTHOR = {Larisa L. Maksimova},

TITLE = {Craig's interpolation theorem and amalgamated varieties},

BOOKTITLE = {SSSR},

YEAR = {1977},

volume = {237},

pages = {1281-1284},

}

@INBOOK{Goranko:book:ML:2006,

AUTHOR = {Valentin Goranko and Martin Otto},

TITLE = {Handbook of Modal Logic},

CHAPTER = {5 Model Theory Of Modal Logic},

pages = {249-329},

PUBLISHER = {Elsevier},

YEAR = {2007},

volume = {3},

}

@ARTICLE{Yisong:TCS:2011,

AUTHOR = {Yisong Wang and

Jia-Huai You and

Li Yan Yuan and

Yi-Dong Shen and

Mingyi Zhang},

TITLE = {The Loop Formula based Semantics of Description Logic Programs},

JOURNAL = {Theoretical Computer Science},

YEAR = {2012},

volume = {415},

pages = {60-85},

}

@article{Lang:JAIR:2003,

author = {J{\'e}r{\^o}me Lang and

Paolo Liberatore and

Pierre Marquis},

title = {Propositional Independence: Formula-Variable Independence

and Forgetting},

journal = {Journal of Artificial Intelligence Research},

volume = {18},

year = {2003},

pages = {391-443},

}

@article{DBLP:journals/ai/Liberatore08,

author = {Paolo Liberatore},

title = {Redundancy in logic {II:} 2CNF and Horn propositional formulae},

journal = {Artificial Intelligence},

volume = {172},

number = {2-3},

pages = {265--299},

year = {2008},

url = {http://dx.doi.org/10.1016/j.artint.2007.06.003},

doi = {10.1016/j.artint.2007.06.003},

timestamp = {Sun, 03 Feb 2008 17:53:50 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/ai/Liberatore08},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{DBLP:journals/ai/Liberatore08a,

author = {Paolo Liberatore},

title = {Redundancy in logic {III:} Non-monotonic reasoning},

journal = {Artificial Intelligence},

volume = {172},

number = {11},

pages = {1317--1359},

year = {2008},

url = {http://dx.doi.org/10.1016/j.artint.2008.02.003},

doi = {10.1016/j.artint.2008.02.003},

timestamp = {Thu, 12 Jun 2008 10:24:19 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/ai/Liberatore08a},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{DBLP:journals/ai/Liberatore05,

author = {Paolo Liberatore},

title = {Redundancy in logic {I:} {CNF} propositional formulae},

journal = {Artificial Intelligence},

volume = {163},

number = {2},

pages = {203--232},

year = {2005},

url = {http://dx.doi.org/10.1016/j.artint.2004.11.002},

doi = {10.1016/j.artint.2004.11.002},

timestamp = {Fri, 06 May 2005 08:00:32 +0200},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/ai/Liberatore05},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@inproceedings{Fangzhen:KR:02,

author = {Fangzhen Lin},

title = {Reducing Strong Equivalence of Logic Programs to Entailment

in Classical Propositional Logic},

booktitle = {Proceedings of the Eights International Conference on Principles

and Knowledge Representation and Reasoning (KR-02)},

year = {2002},

pages = {170-176},

address = {Toulouse, France},

publisher = {Morgan Kaufmann},

}

@article{Sakama:JLP:1997,

author = {Chiaki Sakama and

Hirohisa Seki},

title = {Partial Deduction in Disjunctive Logic Programming},

journal = {Journal of Logic Programming},

volume = {32},

number = {3},

year = {1997},

pages = {229-245},

}

@article{DBLP:journals/jlp/BrassD97,

author = {Stefan Brass and

J{\"{u}}rgen Dix},

title = {Characterizations of the Disjunctive Stable Semantics by Partial Evaluation},

journal = {Journal of Logic Programming},

volume = {32},

number = {3},

pages = {207--228},

year = {1997},

url = {http://dx.doi.org/10.1016/S0743-1066(96)00115-X},

doi = {10.1016/S0743-1066(96)00115-X},

timestamp = {Thu, 01 Dec 2011 17:16:24 +0100},

biburl = {http://dblp.uni-trier.de/rec/bib/journals/jlp/BrassD97},

bibsource = {dblp computer science bibliography, http://dblp.org}

}

@article{Brass:JLP:1999,

author = {Stefan Brass and

J{\"u}rgen Dix},

title = {Semantics of (disjunctive) Logic Programs Based on Partial

Evaluation},

journal = {Journal of Logic Programming},

volume = {40},

number = {1},

year = {1999},

pages = {1-46},

}

@BOOK{Chandru:Book:1999,

AUTHOR = {Vijay Chandru and John Hooker},

TITLE = {Optimization Methods For Logical Inference},

PUBLISHER = {John Wiley \& Sons, Inc.},

YEAR = {1999},

}

@ARTICLE{fages91,

author = {F. Fages},

title = {A fixpoint semantics for general logic programs compared with the well-supported and stable model semantics},

journal ={New Generation Computing},

volume = {9},

pages = {425-443},

year = {1991}

}

@article{DBLP:Bruijn:TOCL,

author = {Jos de Bruijn and

Thomas Eiter and

Axel Polleres and

Hans Tompits},

title = {Embedding nonground logic programs into autoepistemic logic

for knowledge-base combination},

journal = {ACM Transactions on Computational Logic},

volume = {12},

number = {3},

year = {2011},

pages = {20:1-20:39},

}

@Article{hartmann05complexity,

author = "I. Pratt-Hartmann",

title = "Complexity of the Two-Variable Fragment with Counting Quantifiers",

journal = "Journal of Logic, Language and Information",

year = "2005",

volume = "14",

number = "3",

pages = "369--395"

}

@phdthesis{tobies,

author = {S. Tobies},

title = {Complexity Results and Practical Algorithms for Logics in Knowledge Representation},

year = 2001,

school = {RWTH Aachen, Germany},

}

@book{BGG2001,

author = {Egon {B\"{o}rger} and Erich {Gr\"{a}del} and Yuri Gurevich},

title = {The Classical Decision Problem},

year = {1997},

note = {Second printing 2001},

publisher = {Springer},

}

@inproceedings{DBLP:conf/iclp/BasolEFI10,

author = {Selen Basol and

Ozan Erdem and

Michael Fink and

Giovambattista Ianni},

title = {\textsc{HEX} Programs with Action Atoms},

booktitle = {Technical Communications of the 26th International Conference on Logic Programming},

address = {Edinburgh, Scotland, UK},

year = {2010},

pages = {24-33},

publisher = {LIPIcs 7 Schloss Dagstuhl - Leibniz-Zentrum fuer Informatik 2010},

}

@article{Agudelo-Agudelo:2016:JANCL,

author = {Juan C. Agudelo-Agudelo and Carlos A. Agudelo-Gonz\'{a}lez and Oscar E. Garc\'{i}a-Quintero},

title = {On polynomial semantics for propositional logics},

journal = {Journal of Applied Non-Classical Logics},

volume = {26},

number = {2},

pages = {103-125},

year = {2016},

publisher = {Taylor & Francis},

doi = {10.1080/11663081.2016.1198529},

URL = { https://doi.org/10.1080/11663081.2016.1198529},

eprint = { https://doi.org/10.1080/11663081.2016.1198529}

}

@article{DBLP:journals/jacm/Gottlob95a,

author = {Georg Gottlob},

title = {Translating Default Logic into Standard Autoepistemic Logic},

journal = {J. ACM},

volume = {42},

number = {4},

year = {1995},

pages = {711-740}, }

@article{DBLP:journals/ai/Imielinski87,

author = {Tomasz Imielinski},

title = {Results on Translating Defaults to Circumscription},

journal = {Artificial Intelligence},

volume = {32},

number = {1},

year = {1987},

pages = {131-146},

}

@article{DBLP:journals/amai/Janhunen99,

author = {Tomi Janhunen},

title = {On the intertranslatability of non-monotonic logics},

journal = {Annals of Mathematics and Artificial Intelligence},

volume = {27},

number = {1-4},

year = {1999},

pages = {79-128},

ee = {http://dx.doi.org/10.1023/A:1018915113814},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@inproceedings{Horrock:ISWC:2003,

author = {Ian Horrocks and

Peter F. Patel-Schneider},

title = {Reducing OWL Entailment to Description Logic Satisfiability},

booktitle = {International Semantic Web Conference (ISWC)},

address = {Sanibel Island, FL, USA},

year = {2003},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {2870},

pages = {17-29},

}

@article{DBLP:Hemachandra:jcss:1989,

author = {Lane A. Hemachandra},

title = {The Strong Exponential Hierarchy Collapses},

journal = {Journal of Computer Systtem Science},

volume = {39},

number = {3},

year = {1989},

pages = {299-322},

}

@article{Pearce:TPLP:2009,

author = {David Pearce and

Hans Tompits and

Stefan Woltran},

title = {Characterising equilibrium logic and nested logic programs:

Reductions and complexity},

journal = {Theory and Practice of Logic Programming},

volume = {9},

number = {5},

year = {2009},

pages = {565-616},

}

@article{Knorr:AIJ:2011,

author = {Matthias Knorr and

Jos{\'e} J{\'u}lio Alferes and

Pascal Hitzler},

title = {Local closed world reasoning with description logics under

the well-founded semantics},

journal = {Artificial Intelligence},

volume = {175},

number = {9-10},

year = {2011},

pages = {1528-1554},

}

@inproceedings{KnorrA14,

author = {Matthias Knorr and

Jos{\'{e}} J{\'{u}}lio Alferes},

title = {Preserving Strong Equivalence while Forgetting},

booktitle = {Proceedings of the 14th European Conference on Logics in Artificial Intelligence (JELIA-14)},

pages = {412--425},

year = {2014}

}

@inproceedings{Cabalar:KR:2006,

author = {Pedro Cabalar and

Sergei P. Odintsov and

David Pearce},

title = {Logical Foundations of Well-Founded Semantics},

booktitle = {Proceedings, Tenth International Conference on Principles

of Knowledge Representation and Reasoning, 2006},

year = {2006},

pages = {25-35},

address = {Lake District of the United Kingdom},

publisher = {AAAI Press},

}

@article{Mingyi:SCS:2007,

author = {Mingyi Zhang and

Ying Zhang and

Fangzhen Lin},

title = {A characterization of answer sets for logic programs},

journal = {Science in China Series F: Information Sciences},

volume = {50},

number = {1},

year = {2007},

pages = {46-62},

}

@article{DBLP:Cabalar:TPLP:2007,

author = {Pedro Cabalar and

Paolo Ferraris},

title = {Propositional theories are strongly equivalent to logic

programs},

journal = {Theory and Practice of Logic Programming},

volume = {7},

number = {6},

year = {2007},

pages = {745-759},

}

@ARTICLE{Ferraris:TOCL:2011,

AUTHOR = {Paolo Ferraris},

TITLE = {Logic Programs with Propositional Connectives and Aggregates},

JOURNAL = {ACM Transactions on Computational Logic (TOCL)},

YEAR = {2011},

volume = {12},

number = {4},

pages = {25:1-25:40},

}

@article{DBLP:journals/tplp/Turner03,

author = {Hudson Turner},

title = {Strong equivalence made easy: nested expressions and weight

constraints},

journal = {Theory and Practice of Logic Programming},

volume = {3},

number = {4-5},

year = {2003},

pages = {609-622},

}

@PHDTHESIS{Wong:PhD:Thesis,

Author = {Ka-Shu Wong},

Title = {Forgetting in Logic Programs},

School = {The University of New South Wales},

YEAR = {2009},

}

@article{Wong:JAIR:2008,

author = {Ka-Shu Wong},

title = {Sound and Complete Inference Rules for SE-Consequence},

journal = {J. Artif. Intell. Res. (JAIR)},

volume = {31},

year = {2008},

pages = {205-216},

}

@INPROCEEDINGS{Lee:IJCAI:2011,

AUTHOR = {Michael Bartholomew and Joohyung Lee and Yunsong Meng},

TITLE = {First-Order Extension of the FLP Stable Model Semantics via Modified Circumscription},

BOOKTITLE = {The Twenty-Second International Joint Conference on Artificial Intelligence (IJCAI-11)},

YEAR = {2011},

pages = {724-730},

address = {Barcelona, Spain},

publisher = {IJCAI/AAAI},

}

@article{DBLP:journals/ai/Truszczynski10,

author = {Miroslaw Truszczynski},

title = {Reducts of propositional theories, satisfiability relations,

and generalizations of semantics of logic programs},

journal = {Artificial Intelligence},

volume = {174},

number = {16-17},

year = {2010},

pages = {1285-1306},

}

@inproceedings{DBLP:Lee:LPNMR:2011,

author = {Joohyung Lee and

Ravi Palla},

title = {Integrating Rules and Ontologies in the First-Order Stable

Model Semantics (Preliminary Report)},

booktitle = {Logic Programming and Nonmonotonic Reasoning - 11th International

Conference, LPNMR 2011},

year = {2011},

pages = {248-253},

address = {Vancouver, Canada},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {6645},

}

@inproceedings{DBLP:conf/kr/BruijnET08,

author = {Jos de Bruijn and

Thomas Eiter and

Hans Tompits},

title = {Embedding Approaches to Combining Rules and Ontologies into

Autoepistemic Logic},

booktitle = {Principles of Knowledge Representation and Reasoning: Proceedings

of the Eleventh International Conference, KR 2008},

year = {2008},

pages = {485-495},

publisher = {AAAI Press},

address = {Sydney, Australia},

}

@inproceedings{DBLP:conf/lpnmr/LifschitzPV07,

author = {Vladimir Lifschitz and

David Pearce and

Agust\'{\i}n Valverde},

title = {A Characterization of Strong Equivalence for Logic Programs

with Variables},

booktitle = {Logic Programming and Nonmonotonic Reasoning, 9th International

Conference, LPNMR 2007},

year = {2007},

pages = {188-200},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {4483},

address = {Tempe, AZ, USA},

}

@article{DBLP:AIJ:Ferraris:2011,

author = {Paolo Ferraris and

Joohyung Lee and

Vladimir Lifschitz},

title = {Stable models and circumscription},

journal = {Artificial Intelligence},

volume = {175},

number = {1},

year = {2011},

pages = {236-263},

}

@TECHREPORT{Pearce:QEL:2006,

author = {David Pearce and

Agust\'{\i}n Valverde},

TITLE = {Quantified Equilibrium Logic and the First Order Logic of Here-and-There},

INSTITUTION = {Universidad Rey Juan Carlos},

YEAR = {2006},

type = {Technical report},

month = {January},

source = {http://www.matap.uma.es/investigacion/tr/ma06$\\_$02.pdf},

}

@inproceedings{DBLP:conf/iclp/PearceV08,

author = {David Pearce and

Agust\'{\i}n Valverde},

title = {Quantified Equilibrium Logic and Foundations for Answer

Set Programs},

booktitle = {Logic Programming, 24th International Conference, ICLP 2008},

year = {2008},

pages = {546-560},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {5366},

address = {Udine, Italy},

}

@INPROCEEDINGS{Yi-Dong:IJCAI:2011,

AUTHOR = {Yi-Dong Shen},

TITLE = {Well-Supported Semantics for Description Logic Programs},

BOOKTITLE = {The Twenty-Second International Joint Conference on Artificial Intelligence (IJCAI-11)},

YEAR = {2011},

pages = {1081-1086},

address = {Barcelona, Spain},

publisher = {IJCAI/AAAI},

}

@PHDTHESIS{Pelov:Thesis:2004,

AUTHOR = {Nikolay Pelov},

TITLE = {semantics of logic programs with aggregates},

SCHOOL = {Department of Computer Science, K.U.Leuven},

YEAR = {2004},

type = {PhD},

}

@ARTICLE{Markowsky:1976,

AUTHOR = {George Markowsky},

TITLE = {Chain-complete posets and directed sets with applications},

JOURNAL = {Algebra Universalis},

YEAR = {1976},

volume = {6},

pages = {53-68},

}

@article{DBLP:Denecker:IC:2004,

author = {Marc Denecker and

Victor W. Marek and

Miroslaw Truszczynski},

title = {Ultimate approximation and its application in nonmonotonic

knowledge representation systems},

journal = {Information and Computation},

volume = {192},

number = {1},

year = {2004},

pages = {84-121},

}

@inproceedings{DBLP:Faber:LPNMR:2005,

author = {Wolfgang Faber},

title = {Unfounded Sets for Disjunctive Logic Programs with Arbitrary

Aggregates},

booktitle = {Logic Programming and Nonmonotonic Reasoning, 8th International

Conference, LPNMR 2005},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {3662},

year = {2005},

address = {Diamante, Italy},

pages = {40-52},

}

@article{DBLP:Faber:AIJ:2011,

author = {Wolfgang Faber and Gerald Pfeifer and Nicola Leone},

title = {Semantics and complexity of recursive aggregates in answer

set programming},

journal = {Artificial Intelligence},

volume = {175},

number = {1},

year = {2011},

pages = {278-298},

}

H

@article{DBLP:Gelder:JCSS:1993,

author = {Allen Van Gelder},

title = {The Alternating Fixpoint of Logic Programs with Negation},

journal = {Journal of Computer and System Sciences},

volume = {47},

number = {1},

year = {1993},

pages = {185-221},

}

@ARTICLE{Marco:JLP:1993,

AUTHOR = "Marco Cadol and Marco Schaerf",

TITLE = "A survey on complexity results for nonmonotonic logics",

JOURNAL = "Journal of Logic Programming",

YEAR = "1993",

volume = "17",

pages = "127-160",

number = "2-4"

}

@inproceedings{DBLP:conf/ijcai/CalimeriFLP05,

author = {Francesco Calimeri and

Wolfgang Faber and

Nicola Leone and

Simona Perri},

title = {Declarative and Computational Properties of Logic Programs

with Aggregates},

booktitle = {Proceedings of the Nineteenth International Joint

Conference on Artificial Intelligence (IJCAI 2005)},

year = {2005},

pages = {406-411},

publisher = {Professional Book Center},

address = {Edinburgh, Scotland, UK},

}

@INPROCEEDINGS{eiter-auto-ontology2007,

author = {Jos de Bruijn and Thomas Eiter and Axel Polleres and Hans Tompits},

title = {Embedding non-ground logic programs into autoepistemic logic for knowledge-base combination},

booktitle = {Proceedings of International Joint Conference On Artificial Intelligence (IJCAI-07)},

year = {2007},

pages = {304-309},

address = {Hyderabad, India},

}

@Article{Rosati,

author = "Riccardo Rosati",

title = {On the decidability and complexity of integrating ontologies and rules},

journal = "Journal of Web Semantics",

volume = "3",

number = {1},

pages = {61-73},

year = "2005",

}

@proceedings{DBLP:conf/lpnmr/2009,

editor = {Esra Erdem and

Fangzhen Lin and

Torsten Schaub},

title = {Logic Programming and Nonmonotonic Reasoning, 10th International

Conference, LPNMR 2009, Potsdam, Germany, September 14-18,

2009. Proceedings},

booktitle = {LPNMR},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {5753},

year = {2009},

isbn = {978-3-642-04237-9},

ee = {http://dx.doi.org/10.1007/978-3-642-04238-6},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@inproceedings{DBLP:conf/lpnmr/GebserST07,

author = {Martin Gebser and

Torsten Schaub and

Sven Thiele},

title = {GrinGo : A New Grounder for Answer Set Programming},

booktitle = {LPNMR},

year = {2007},

pages = {266-271},

ee = {http://dx.doi.org/10.1007/978-3-540-72200-7\_24},

crossref = {DBLP:conf/lpnmr/2007},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@proceedings{DBLP:conf/lpnmr/2007,

editor = {Chitta Baral and

Gerhard Brewka and

John S. Schlipf},

title = {Logic Programming and Nonmonotonic Reasoning, 9th International

Conference, LPNMR 2007, Tempe, AZ, USA, May 15-17, 2007,

Proceedings},

booktitle = {LPNMR},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {4483},

year = {2007},

isbn = {978-3-540-72199-4},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@book{Baral:aspbook,

author = "Chitta Baral",

title = "Knowledge Representation, Reasoning and Declarative Problem Solving",

publisher = "Cambridge University Press",

address = "New York, NY",

year = 2003 }

@INCOLLECTION{marek99,

AUTHOR = {V. Wiktor Marek and Miroslaw Truszczynski},

TITLE = {Stable models and an alternative logic programming paradigm},

BOOKTITLE = {The Logic Programming Paradigm: A 25-Year Perspective},

PUBLISHER = {Springer-Verlag},

YEAR = {1999},

editor = {K.R. Apt and V.W. Marek and M. Truszczynski and D.S. Warren},

address = {Berlin},

pages = {375--398},

}

@inproceedings{DBLP:Marek:AAAI:2004,

author = {Victor W. Marek and

Miroslaw Truszczynski},

title = {Logic Programs with Abstract Constraint Atoms},

booktitle = {Proceedings of the Nineteenth National Conference on Artificial

Intelligence, Sixteenth Conference on Innovative Applications

of Artificial Intelligence (AAAI 2004)},

year = {2004},

pages = {86-91},

address = {San Jose, California, USA},

publisher = {AAAI Press},

}

@incollection{Clark78,

author = "Keith L. Clark",

year = 1978,

title = "Negation as failure",

booktitle = "Logics and Databases",

editor = "H. Gallaire and J. Minker",

publisher = "Plenum Press",

address = "New York",

pages = "293--322" }

@book{Lloyd87,

author = "J. W. Lloyd",

title = "Foundations of Logic Programming",

year = 1987,

publisher = "Springer-Verlag",

edition = "2nd" }

@ARTICLE{MNR1999,

AUTHOR = "V. Wiktor Marek and Anil Nerode and Jeffrey B. Remmel",

TITLE = "Logic Programs, Well-Orderings, and Forward Chaining",

JOURNAL = "Ann. Pure Appl. Logic",

YEAR = "1999",

volume = "96",

number = "1-3",

pages = "231-276"

}

@ARTICLE{MNR1994,

AUTHOR = "V. Wiktor Marek and Anil Nerode and Jeffrey B. Remmel",

TITLE = "A Context for Belief Revision: Forward Chaining - Normal Nonmonotonic Rule Systems",

JOURNAL = "Ann. Pure Appl. Logic",

YEAR = "1994",

volume = "67",

number = "1-3",

pages = "269-323"

}

@ARTICLE{Brewka1991,

AUTHOR = "Gerhard Brewka",

TITLE = "Cumulative Default Logic: In Defense of Nonmonotonic Inference Rules",

JOURNAL = "Artificial Intelligence",

YEAR = "1991",

volume = "50",

number = "2",

pages = "183-205"

}

@ARTICLE{GM1994,

AUTHOR = "Laura Giordano and Alberto Martelli",

TITLE = "On Cumulative Default Logics",

JOURNAL = "Artificial Intelligence",

YEAR = "1994",

volume = "66",

number = "1",

pages = "161-179"

}

@ARTICLE{Reiter1980,

AUTHOR = "Raymond Reiter",

TITLE = "A Logic for Default Reasoning",

JOURNAL = "Artificial Intelligence",

YEAR = "1980",

volume = "13",

number = "1-2",

pages = "81-132"

}

@ARTICLE{Zhang1994,

AUTHOR = "Zhang Mingyi",

TITLE = "Some Results on Default Logic",

JOURNAL = "J. Comput. Sci. Technol.",

YEAR = "1994",

volume = "9",

number = "3",

pages = "267-274"

}

@ARTICLE{Zhang1996,

AUTHOR = "Zhang Mingyi",

TITLE = "A New Research into Default Logic",

JOURNAL = "Information and Computation",

YEAR = "1996",

volume = "129",

number = "2",

pages = "73-85"

}

@ARTICLE{ZZ2003,

AUTHOR = "Zhang Mingyi and Zhang Ying",

TITLE = "On the expressive power of semi-normal defaults in some semantic variants of default logic",

JOURNAL = "AI Commun.",

YEAR = "2003",

volume = "16",

number = "1",

pages = "51-67"

}

@ARTICLE{Lukaszewicz1988,

AUTHOR = "Witold Lukaszewicz",

TITLE = "Considerations on default logic: an alternative approach",

JOURNAL = "Computational Intelligence",

YEAR = "1988",

volume = "4",

pages = "1-16"

}

@INPROCEEDINGS{BMS90,

AUTHOR = {Gerhard Brewka and David Makinson and Karl Schlechta},

TITLE = {Cumulative Inference Relations for JTMS and Logic Programming.},

BOOKTITLE = {Nonmonotonic and Inductive Logic},

YEAR = {1990},

volume = {543},

pages = {1-12}

}

@INPROCEEDINGS{MikitiukTruszczynski93,

AUTHOR = "Artur Mikitiuk and Miroslaw Truszczynski",

TITLE = "Rational Default Logic and Disjunctive Logic Programming",

BOOKTITLE = "LPNMR",

YEAR = "1993",

pages = " 283-299",

}

@ARTICLE{PrzymusinskaPrzymusinski94,

AUTHOR = "Halina Przymusinska and Teodor C. Przymusinski",

TITLE = "Stationary Default Extensions",

JOURNAL = "Fundam. Inform.",

YEAR = "1994",

volume = "21",

number = "1/2",

pages = "67-87",

}

@ARTICLE{BrewkaGottlob97,

AUTHOR = "Gerhard Brewka and Georg Gottlob",

TITLE = "Well-Founded Semantics for Default Logic",

JOURNAL = "Fundamenta Informaticae",

YEAR = "1997",

volume = "31",

number = "3/4",

pages = "221-236",

}

@ARTICLE{Mareketal92,

AUTHOR = "V. Wiktor Marek and Anil Nerode and Jeffrey B. Remmel",

TITLE = "A Theory of Nonmonotonic Rule Systems II",

JOURNAL = "Ann. Math. Artif. Intell.",

YEAR = "1992",

volume = "5",

number = "2-4",

pages = "229-263",

}

@BOOK{Mareketal93,

AUTHOR = "V. Wiktor Marek and Miroslaw Truszczynski",

TITLE = "Non-monotonic logic: context-dependent reasoning",

PUBLISHER = "",

YEAR = "1993",

}

@ARTICLE{DongZhang00,

AUTHOR = "Dong Mingkai and Zhang Mingyi",

TITLE = "The extensions of clausal auto-compatible defautl theory",

JOURNAL = "Computer Research \& Development",

YEAR = "2000",

volume = "37",

number = "2",

pages = "182-187 ",

}

@Article{LinkeSchaub2000,

author = "T. Linke and T. Schaub",

title = "Alternative foundations for Reiter's default logic.",

journal = "Artificial Intelligence",

year = 2000,

volume = 124,

number = 1,

pages = "31-86"

}

@ARTICLE{Zhang91,

AUTHOR = "Zhang Mingyi",

TITLE = "On Existence of Extensions for general default theories",

JOURNAL = "Appl. Math. Inst. Guizhou Academy of Science",

YEAR = "1991",

volume = " ",

number = " ",

pages = " ",

}

@INPROCEEDINGS{Lifschitz96,

AUTHOR = "Vladimir Lifschitz",

TITLE = "Foundations of logic programming",

BOOKTITLE = "Principles of Knowledge Representation",

YEAR = "1996",

pages = "69-127",

publisher = "CSLI Publications"

}

@article{Tru-AAAI-JAIR,

author = "L. Liu and M. Truszczy{\'{n}}ski",

title = "Properties and applications of programs with monotone and convex constraints",

journal = "Journal of Artificial Intelligence Research",

pages = "299-334",

year = {2006},

volume = {7},

}

@inproceedings{Ferraris:LPNMR2005,

author = "Paolo Ferraris",

title = "Answer Sets for Propositional Theories",

booktitle = "Logic Programming and Nonmonotonic Reasoning, 8th International Conference",

pages = "119-131",

year = "2005",

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {3662},

address = {Diamante, Italy}

}

@incollection{pearce99,

author = "D. Pearce",

title = "From here to there: stable negation in logic programming",

booktitle ={What is Negation},

editor = {D. Gabbay and H Wansing},

publisher = {Kluwer},

YEAR = {1999}

}

@INPROCEEDINGS{Lifschitz2008-iclp,

AUTHOR = "Vladimir Lifschitz",

TITLE = "Twelve definitions of a stable model",

BOOKTITLE = {ICLP},

YEAR = "2008",

pages = "37-51",

}

@BOOK{MarekTruszczynski93,

AUTHOR = "Marek, V. W. and Truszczynski, M.",

TITLE = "Nonmonotonic Logic",

PUBLISHER = "Berlin:Springer-Verlag",

YEAR = "1993"

}

@ARTICLE{Mareketal94,

AUTHOR = "Marek and Nerode and Remmel",

TITLE = "A context for belief reision: forward chaining-normal nonmonotonic rules systems",

JOURNAL = "Annals of Pure and Applied Logic",

YEAR = "1994",

volume = "67",

pages = "259-323"}

@ARTICLE{Mareketal99,

AUTHOR = "V. Wiktor Marek and Anil Nerode and Jeffrey B. Remmel",

TITLE = "Logic programs, well-ordering, and forward chaining",

JOURNAL = "Annals of Pure and Applied Logic",

YEAR = "1999",

volume = "96",

pages = "231-276"

}

@INBOOK{Aptetal87,

AUTHOR = "Apt K. and Blari, H. A. and Walker, A.",

editor = "Minker, J.",

TITLE = "Towards a theory of declaritive knowledge",

CHAPTER = "Foundation of Deductive Datbases and Logic Programming",

pages = "89-142",

PUBLISHER = "Morgan Kaufmann",

YEAR = "1987",

}

@ARTICLE{Xuetal03,

AUTHOR = "Daoyun Xu and Decheng Ding and Zhang Mingyi",

TITLE = "Characterization of an Auto-Compatible Default Theory",

JOURNAL = "J. Comput. Sci. Technol.",

YEAR = "2003",

volume = "18",

number = "3",

pages = "393-398"

}

@ARTICLE{XuDing02,

AUTHOR = "Daoyun Xu and Decheng Ding",

TITLE = "FC-normal and extended stratified logic program",

JOURNAL = "Science in China(Series F)",

YEAR = "2002",

volume = "45",

number = "4",

pages = "259-272"

}

@ARTICLE{ZZ2003,

AUTHOR = "Zhang Mingyi and Zhang Ying",

TITLE = "On the expressive power of semi-normal defaults in some semantic variants of default logic",

JOURNAL = "AI Commun.",

YEAR = "2003",

volume = "16",

number = "1",

pages = "51-67"

}

@INPROCEEDINGS{Zhang92,

AUTHOR = "Zhang Mingyi",

TITLE = "A characterization of extension of general default theories",

BOOKTITLE = "Proceedings of the Ninth Canadian Conference on Artificial Intelligence",

YEAR = "1992",

pages = "134-139",

address = "Vancouver, Canada",

}

@ARTICLE{Zhang93,

AUTHOR = "Zhang Mingyi",

TITLE = "On extension of general default theories",

JOURNAL = "Sci China Ser. A,",

YEAR = "1993",

volume = "16",

number = "10",

pages = "1273-1280"

}

@ARTICLE{Zhang94a,

AUTHOR = "Georg Gottlob, Zhang Mingyi",

TITLE = "Cumulative Default Logic: Finite Characterization, Algorithms, and Complexity",

JOURNAL = "Artificial Intelligence",

YEAR = "1993",

volume = "69",

number = "1-2",

pages = "329-345"

}

@ARTICLE{Gottlobetal02,

AUTHOR = {Georg Gottlob, Francesco Scarcello, Martha Sideri},

TITLE = {Fixed-Parameter Complexity in \textsc{AI} and Nonmonotonic Reasoning},

JOURNAL = {Artificial Intelligence},

YEAR = {2002},

volume = {138},

number = {1-2},

pages = {55-86}

}

@INPROCEEDINGS{Lukaszewicz85,

AUTHOR = "Witold Lukaszewicz",

TITLE = "Two Results on Default Logic",

BOOKTITLE = "IJCAI",

YEAR = "1985",

pages = "459-461"

}

@ARTICLE{Brewka91,

AUTHOR = "Gerhard Brewka",

TITLE = "Cumulative Default Logic: In Defense of Nonmonotonic Inference Rules",

JOURNAL = "Artificial Intelligence",

YEAR = "1991",

volume = "50",

number = "2",

pages = "183-205"

}

@ARTICLE{Delgrandeetal94,

AUTHOR = "James P. Delgrande and Torsten Schaub and W. Ken Jackson",

TITLE = "Alternative Approaches to Default Logic",

JOURNAL = "Artificial Intelligence",

YEAR = "1994",

volume = "70",

number = "1-2",

pages = "167-237",

file = F

}

@ARTICLE{Lukaszewicz88,

AUTHOR = "Witold Lukaszewicz",

TITLE = "Considerations on default logic: an alternative approach",

JOURNAL = "Computational Intelligence",

YEAR = "1988",

volume = "4",

pages = "1-16"

}

@INPROCEEDINGS{ZZW2006,

AUTHOR = "Mingyi Zhang and Ying Zhang and Yisong Wang",

TITLE = "On Compatibility and Forward Chaining Normality",

BOOKTITLE = "The Eleventh International Workshop on Non-Monotonic Reasoning",

YEAR = "2006",

address = "Lake District of the United Kingdom",

pages = "163-171"

}

@INPROCEEDINGS{Yisong:ICTAC2004,

AUTHOR = {Yisong Wang and Mingyi Zhang},

TITLE = {Revision Programs with Explicit Negation},

BOOKTITLE = {First International Colloquium of Theoretical Aspects of Computing},

YEAR = {2004},

volume = {3407/2005},

series = {Lecture Notes in Computer Science},

pages = {403-414},

address = {Guiyang, China},

publisher = {Springer Berlin / Heidelberg},

}

@INPROCEEDINGS{Yisong:FSKD2008,

AUTHOR = {Yisong Wang and Xinqiang Ma},

TITLE = {Some Results on Order-Consistent Logic Program},

BOOKTITLE = {The Fifth International Conference on Fuzzy Systems and Knowledge Discovery},

YEAR = {2008},

address = {Shangdong, China},

pages = {403-414},

}

@INPROCEEDINGS{CLWZ06,

AUTHOR = "Yin Chen and Fangzhen Lin and Yisong Wang and Mingyi Zhang",

TITLE = "First-Order Loop Formulas for Normal Logic Programs",

BOOKTITLE = "Proceedings of the 10th International Conference on Principles of Knowledge Representation and Reasoning (KR 2006)",

YEAR = "2006",

pages = "298-307",

address = "Lake District of the United Kingdom",

publisher = "AAAI Press",

}

@ARTICLE{Simonsetal2002,

AUTHOR = "Patrik Simons and Ilkka Niemel$\ddot{a}$ and Timo Soininen",

TITLE = "Extending and implementing the stable model semantics",

JOURNAL = "Artificial Intelligence",

YEAR = "2002",

volume = "138",

number = "1-2",

pages = "181-234"

}

@INPROCEEDINGS{RC1981,

AUTHOR = "Raymond Reiter and Giovanni Criscuolo",

TITLE = "On Interacting Defaults",

BOOKTITLE = "IJCAI",

YEAR = "1981",

number = "270-276"

}

@ARTICLE{Reiter87,

AUTHOR = {Raymond Reiter},

TITLE = {A Theory of Diagnosis from First Principle},

JOURNAL = {Artificial Intelligence},

YEAR = {1987},

volume = {32},

number = {1},

pages = {57-95}

}

@BOOK{Makinson05,

AUTHOR = "David Makinson",

TITLE = "Bridges from Classical to Nonmonotonic Logic",

PUBLISHER = "London: King's College",

YEAR = "2005",

volume = "5",

series = "Texts in Computing",

abstract = "",

isbn = "1-904987-00-1"

}

@BOOK{GareyJohnson79,

AUTHOR = {Garey, M. R. and D. S. Johnson},

TITLE = {Computers and Intractibility: a Guide to the Theory of NP-Completeness},

PUBLISHER = {New York: W. H. Freeman and Company},

YEAR = {1979}

}

@BOOK{Hopcroft:book:2013,

AUTHOR = {John E. Hopcroft and Rajeev Motwani and Jeffrey D. Ullman},

editor = {3rd},

TITLE = {Introduction to Automata Theory, Languages, and Computation},

PUBLISHER = {Pearson},

YEAR = {2013},

}

@BOOK{Sipser2013,

AUTHOR = {Michael Sipser},

TITLE = {Introduction to the Theory of Computation},

PUBLISHER = {Cengage Learning},

YEAR = {2012},

edition = {3rd},

}

@BOOK{Papadimitriou1994,

AUTHOR = {Christos H. Papadimitriou},

TITLE = {Computational complexity},

PUBLISHER = {Addison Wesley},

YEAR = {1994}

}

@ARTICLE{Dantsinetal2001,

AUTHOR = {Evgeny Dantsin and Thomas Eiter and Georg Gottlob and Andrei Voronkov},

TITLE = {Complexity and expressive power of logic programming},

JOURNAL = {ACM Computing Surveys},

YEAR = {2001},

volume = {33},

number = {3},

pages = {374-425}

}

@INPROCEEDINGS{Eiter2004KR,

AUTHOR = {Thomas Eiter and Wolfgang Faber and Michael Fink and Gerald Pfeifer and Stefan Woltran},

TITLE = {Complexity of Model Checking and Bounded Predicate Arities for Non-ground Answer Set Programming},

BOOKTITLE = {KR},

YEAR = {2004},

pages = {377-387}

}

@PHDTHESIS{SimonsPhD,

AUTHOR = {Patrik Simons},

TITLE = {Extending and implementing the stable model semantics},

SCHOOL = {Helsinki University of Technology},

YEAR = {2000},

type = {Doctoral dissertation},

address = {Espoo, Finland},

month = {April}

}

@MISC{lparse:manual,

author = {Tommi Syrj\"{a}nen},

title = {Lparse 1.0 User's Manual},

howpublished = {http://www.tcs.hut.fi/ Software/smodels/},

year = {2000},

}

@ARTICLE{Lparse,

AUTHOR = {Tommi Syrj\"{a}nen},

TITLE = {Implementation of local grounding for logic programs with stable model semantics},

JOURNAL = {Technical Report B18, Digital Systems Laboratory, Helsinki University of Technology},

YEAR = {1998},

month = {October},

source = {http://www.tcs.hut.fi/Software/smodels/lparse}

}

@INPROCEEDINGS{Jiahuai2005,

AUTHOR = {Jia-Huai You and Guohua Liu and Li-Yan Yuan and Curtis Onuczko},

TITLE = {Lookahead in Smodels Compared to Local Consistencies in CSP},

BOOKTITLE = {LPNMR},

YEAR = {2005},

pages = {266-278},

}

@INPROCEEDINGS{Jiahuai2004,

AUTHOR = {Jia-Huai You and Guiwen Hou},

TITLE = {Arc-Consistency + Unit Propagation = Lookahead},

BOOKTITLE = {ICLP},

YEAR = {2004},

pages = {314-328}

}

@ARTICLE{AB1994,

AUTHOR = {K.R. Apt and R. Bol},

TITLE = {Logic programming and negation: a survey},

JOURNAL = {Journal of Logic Programming},

YEAR = {1994},

volume = {19},

number = {20},

pages = {9-71}

}

@INPROCEEDINGS{Walksat,

AUTHOR = {Bart Selman and Henry A. Kautz and Bram Cohen},

TITLE = {Noise Strategies for Improving Local Search},

BOOKTITLE = {AAAI},

YEAR = {1994},

pages = {337-343}

}

@ARTICLE{SATO,

AUTHOR = {Hantao Zhang and Mark E. Stickel},

TITLE = {Implementing the Davis-Putnam Method},

JOURNAL = {Autom. Reasoning},

YEAR = {2000},

volume = {24},

number = {1/2},

pages = {277-296}

}

@INPROCEEDINGS{Satz,

AUTHOR = {Chu Min Li and Anbulagan},

TITLE = {Heuristics Based on Unit Propagation for Satisfiability Problems},

BOOKTITLE = {IJCAI},

pages = {366-371},

YEAR = {1997},

}

@INPROCEEDINGS{You:IJCAI2003,

AUTHOR = {Jia-Huai You and Li-Yan Yuan and Zhang Mingyi},

TITLE = {On the Equivalence between Answer Sets and Models of Completion for Nested Logic Programs},

BOOKTITLE = {Proceedings of the Eighteenth International Joint Conference on Artificial Intelligence},

YEAR = {2003},

pages = {859-866},

publisher = {Morgan Kaufmann},

address= {Acapulco, Mexico},

}

@ARTICLE{ErdemLifschitz2003,

AUTHOR = {Esra Erdem and Vladimir Lifschitz},

TITLE = {Tight logic programs},

JOURNAL = {Theory and Practice of Logic Programming},

YEAR = {2003},

volume = {3},

number = {4-5},

pages = {499-518},

}

@article{Lee:AIJ2006,

author = "Jooyhung Lee and Fangzhen Lin",

title = "Loop formulas for circumscription",

journal = "Artificial Intelligence",

volume = {170},

number = {2},

pages = "160-185",

year = "2006",

}

@inproceedings{LeeLifschitz03,

author = {Jooyhung Lee and Vladimir Lifschitz},

title = {Loop formulas for disjunctive logic programs},

Year = {2003},

BOOKTITLE = {Proceedings of the Nineteenth International Conference on Logic Programming},

pages = {451-465},

address = {Mumbai, India},

series = {Lecture Notes in Computer Science},

volume = {2916},

publisher = {Springer},

}

@inproceedings{DBLP:conf/iclp/LeeL03,

author = {Joohyung Lee and

Vladimir Lifschitz},

title = {Loop Formulas for Disjunctive Logic Programs},

booktitle = {ICLP},

year = {2003},

pages = {451-465},

ee = {http://springerlink.metapress.com/openurl.asp?genre=article{\&}issn=0302-9743{\&}volume=2916{\&}spage=451},

crossref = {DBLP:conf/iclp/2003},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@ARTICLE{Lifschitz2006why,

AUTHOR = {Vladimir Lifschitz and Alexander A. Razborov},

TITLE = {Why are there so many loop formulas?},

JOURNAL = {ACM Transactions on Computational Logic},

YEAR = {2006},

volume = {7},

number = {2},

pages = {261-268},

}

@INPROCEEDINGS{Nogueiraetal2001,

AUTHOR = {Monica Nogueira and Marcello Balduccini and Michael Gelfond and Richard Watson and Matthew Barry},

TITLE = {An \textsc{A}-Prolog Decision Support System for the Space Shuttle},

BOOKTITLE = {PADL},

YEAR = {2001},

pages = {169-183},

}

@ARTICLE{Lifschitz2002,

AUTHOR = {Vladimir Lifschitz},

TITLE = {Answer set programming and plan generation},

JOURNAL = {Artificial Intelligence},

YEAR = {2002},

volume = {138},

pages = {39-54},

}

@ARTICLE{MarekTruszcynski1991,

AUTHOR = {V. Wiktor Marek and Miroslaw Truszczynski},

TITLE = {Autoepistemic Logic},

JOURNAL = {J. ACM},

YEAR = {1991},

volume = {38},

number = {3},

pages = {588-619},

}

@INPROCEEDINGS{Kautz1996KR,

AUTHOR = {Henry A. Kautz and David A. McAllester and Bart Selman},

TITLE = {Encoding Plans in Propositional Logic},

BOOKTITLE = {KR},

YEAR = {1996},

pages = {374-384},

}

@INPROCEEDINGS{Kautz1996AAAI,

AUTHOR = {Henry A. Kautz and Bart Selman:},

TITLE = {Pushing the Envelope: Planning, Propositional Logic and Stochastic Search},

BOOKTITLE = {AAAI/IAAI},

YEAR = {1996},

volume = {2},

pages = {1194-1201},

}

@INPROCEEDINGS{Pednault1989KR,

AUTHOR = {Edwin P. D. Pednault},

TITLE = {ADL: Exploring the Middle Ground Between STRIPS and the Situation Calculus},

BOOKTITLE = {KR},

YEAR = {1989},

pages = {324-332},

}

@ARTICLE{Giunchiglia2004AI,

AUTHOR = {Enrico Giunchiglia and Joohyung Lee and Vladimir Lifschitz and Norman McCain and Hudson Turner},

TITLE = {Nonmonotonic causal theories},

JOURNAL = {Artificial Intelligence},

YEAR = {2004},

volume = {153},

number = {1-2},

pages = {49-104},

}

@ARTICLE{Subrahmanian1995ICLP,

AUTHOR = {V. S. Subrahmanian and Carlo Zaniolo},

TITLE = {Relating Stable Models and AI Planning Domains},

JOURNAL = {ICLP},

YEAR = {1995},

pages = {233-247},

}

@INPROCEEDINGS{Minker1982,

AUTHOR = {Jack Minker},

TITLE = {On Indefinite Databases and the Closed World Assumption},

BOOKTITLE = {CADE},

YEAR = {1982},

pages = {292-308},

}

@ARTICLE{Lifschitz1999nested,

AUTHOR = {Vladimir Lifschitz and Lappoon R. Tang and Hudson Turner},

TITLE = {Nested expressions in logic programs},

JOURNAL = {Annals of Mathematics and Artificial Intelligence},

YEAR = {1999},

volume = {25},

number = {3-4},

pages = {369-389},

}

@ARTICLE{Baral1994,

AUTHOR = {Chitta Baral and Michael Gelfond},

TITLE = {Logic Programming and Knowledge Representation},

JOURNAL = {Journal of Logic Programming},

YEAR = {1994},

volume = {19},

number = {20},

pages = {73-148},

}

@ARTICLE{Eiter1998TCS,

AUTHOR = {Thomas Eiter and Nicola Leone and Domenico Sacc$\grave{a}$},

TITLE = {Expressive Power and Complexity of Partial Models for Disjunctive Deductive Databases},

JOURNAL = {Theoretical Computer Science},

YEAR = {1998},

volume = {206},

number = {1-2},

pages = {181-218},

}

@ARTICLE{Leone2006TCL,

AUTHOR = {Nicola Leone and Gerald Pfeifer and Wolfgang Faber and Thomas Eiter and Georg Gottlob and Simona Perri and Francesco Scarcello},

TITLE = {The DLV System for Knowledge Representation and Reasoning},

JOURNAL = {ACM Transactions on Computational Logic},

YEAR = {2006},

volume = {7},

number = {3},

pages = {499-562},

source = {http://www.arxiv.org/ps/cs.AI/0211004},

}

@ARTICLE{Mingyi2007,

AUTHOR = {ZHANG MingYi and ZHANG Ying and FangZheng LIN},

TITLE = {A characterization of answer sets for logic programs},

JOURNAL = {Science in China Series F: Information Sciences},

YEAR = {2007},

volume = {50},

number = {1},

pages = {46-62},

}

@ARTICLE{Lifschitz2001TOCL,

AUTHOR = {Vladimir Lifschitz and David Pearce and Agust\'{\i}n Valverde},

TITLE = {Strongly equivalent logic programs},

JOURNAL = {ACM Transactions on Computational Logic},

YEAR = {2001},

volume = {2},

number = {4},

pages = {526-541},

}

@INPROCEEDINGS{Pearce2001EPIA,

author = {David Pearce and Hans Tompits and Stefan Woltran},

title = {Encodings for Equilibrium Logic and Logic Programs with Nested Expressions},

booktitle = {Proceedings of the10th Portuguese Conference on Artificial

Intelligence on Progress in Artificial Intelligence,

Knowledge Extraction, Multi-agent Systems, Logic Programming and Constraint Solving},

year = {2001},

pages = {306--320},

publisher = {Springer-Verlag},

address = {London, UK},

}

@INPROCEEDINGS{Soininen1999,

AUTHOR = {Timo Soininen and Ilkka Niemel$\ddot{a}$},

TITLE = {Developing a Declarative Rule Language for Applications in Product Configuration},

BOOKTITLE = {PADL},

YEAR = {1999},

pages = {305-319},

}

@ARTICLE{Ferraris2006,

AUTHOR = {Paolo Ferraris and Joohyung Lee and Vladimir Lifschitz},

TITLE = {A generalization of the Lin-Zhao theorem},

JOURNAL = {Annals of Mathematics and Artificial Intelligence},

YEAR = {2006},

volume = {47},

number = {1-2},

pages = {79-101},

}: . :

@INPROCEEDINGS{Lee:ijcai05,

AUTHOR = {Joohyung Lee},

TITLE = {A Model-Theoretic Counterpart of Loop Formulas},

BOOKTITLE = {Proceedings of the Nineteenth International Joint

Conference on Artificial Intelligence (IJCAI 2005)},

YEAR = {2005},

pages = {503-508},

address = {Edinburgh, Scotland, UK},

publisher = {Professional Book Center},

}

@ARTICLE{Zhang2007,

AUTHOR = {Zhang Mingyi and Zhang Ying and Fangzhen Lin},

TITLE = {A characterization of answer sets for logic programs},

JOURNAL = {Sci China Ser F-inf Sci},

YEAR = {2007},

volume = {50},

number = {1},

pages = {46-62},

}

@ARTICLE{LeeLin:aij,

AUTHOR = {Joohyung Lee and Fangzhen Lin},

TITLE = {Loop formulas for circumscription},

JOURNAL = {Artificial Intelligence},

YEAR = {2006},

volume = {2},

number = {170},

pages = {160-185},

}

@ARTICLE{Moore:aij85,

AUTHOR = {Robert C. Moore},

TITLE = {Semantical Considerations on Nonmonotonic Logic},

JOURNAL = {Artificial Intelligence},

YEAR = {1985},

volume = {25},

number = {1},

pages = {75-94},

}

@ARTICLE{Cadoli:JLP93,

AUTHOR = {Marco Cadoli and Marco Schaerf},

TITLE = {A Survey of Complexity Results for Nonmonotonic Logics},

JOURNAL = {Log. Program.},

YEAR = {1993},

volume = {17},

number = {2/3\&4},

pages = {127-160},

}

@article{Fangzhen:AIJ:2011:A,

author = {Fangzhen Lin and

Yi Zhou},

title = {From answer set logic programming to circumscription via logic of \textsc{GK}},

journal = {Artificial Intelligence},

volume = {175},

number = {1},

year = {2011},

pages = {264-277},

}

@INPROCEEDINGS{Lin:ijcai2007,

AUTHOR = {Fangzhen Lin and Yi Zhou},

TITLE = {From Answer Set Logic Programming to Circumscription via Logic of GK},

BOOKTITLE = {IJCAI},

YEAR = {2007},

pages = {441-446},

}

@ARTICLE{FL2005:TPLP,

AUTHOR = {Paolo Ferraris and Vladimir Lifschitz},

TITLE = {Weight constraints as nested expressions},

JOURNAL = {Theory and Practice of Logic Programming},

YEAR = {2005},

volume = {5},

number = {1-2},

pages = {45-74},

}

@INPROCEEDINGS{Ferraris:ijcai2007,

AUTHOR = {Paolo Ferraris and Joohyung Lee and Vladimir Lifschitz},

TITLE = { A New Perspective on Stable Models},

BOOKTITLE = {Proceedings of the 20th International Joint Conference on Artificial Intelligence},

YEAR = {2007},

address = {Hyderabad, India},

pages = {372-379},

}

@ARTICLE{Yidong:JAR2002,

AUTHOR = {Yi-Dong Shen and Li-Yan Yuan and Jia-Huai You},

TITLE = {SLT-Resolution for the Well-Founded Semantics},

JOURNAL = {J. Autom. Reasoning},

YEAR = {2002},

volume = {28},

number = {1},

pages = {53-97},

}

@ARTICLE{Kewen:TCL2005,

AUTHOR = {Kewen Wang and Lizhu Zhou},

TITLE = {Comparisons and computation of well-founded semantics for disjunctive logic programs},

JOURNAL = {ACM Transactions on Computational Logic},

YEAR = {2005},

volume = {6},

number = {2},

pages = {295-327},

}

@ARTICLE{Zheng1994,

AUTHOR = {Zheng Chuanjin},

TITLE = {Extensions and Strong Compatible subsets of Defaults},

JOURNAL = {Chinese Journal of Computers},

YEAR = {1994},

volume = {17},

number = {2},

pages = {142-146},

}

@ARTICLE{Costantini1995TCS,

AUTHOR = {Stefania Costantini},

TITLE = {Contributions to the Stable Model Semantics of Logic Programs with Negation},

JOURNAL = {Theoretical Computer Science},

YEAR = {1995},

volume = {149},

number = {2},

pages = {231-255},

}

@INPROCEEDINGS{Lifschitz1994ICLP,

AUTHOR = {Vladimir Lifschitz and Hudson Turner},

TITLE = {Splitting a Logic Program},

BOOKTITLE = {Proceedings of the eleventh international conference on Logic programming},

YEAR = {1994},

pages = {23-37},

address = {Santa Margherita Ligure, Italy},

publisher = {MIT Press},

}

@INPROCEEDINGS{Gebser2007IJCAI,

AUTHOR = {Martin Gebser and Benjamin Kaufmann and Andre Neumann and Torsten Schaub},

TITLE = {Conflict-Driven Answer Set Solving},

BOOKTITLE = {IJCAI 2007, Proceedings of the 20th International Joint

Conference on Artificial Intelligence},

YEAR = {2007},

address = {Hyderabad, India},

pages = {386-392},

}

@book{Cook:book:2010,

title={Logical foundations of proof complexity},

author={Cook, Stephen and Nguyen, Phuong},

publisher={Association for Symbolic Logic},

pages={279-286},

year={2010},

}

@article{Hahnle:2001:Chapter:3,

title={Chapter 3 - Tableaux and Related Methods},

author={Hahnle, Reiner},

journal={Handbook of Automated Reasoning},

pages={101-178},

year={2001},

}

@INPROCEEDINGS{Gebser:ICLP2004,

AUTHOR = {Martin Gebser and Torsten Schaub},

TITLE = {Tableau Calculi for Answer Set Programming},

BOOKTITLE = {Proceeding of 22nd International Conference on Logic Programming},

YEAR = {2006},

pages = {11-25},

address = {Seattle, WA, USA},

publisher = {Springer },

}

@inproceedings{DBLP:Gebser:ICLP:2009,

author = {Martin Gebser and

Max Ostrowski and

Torsten Schaub},

title = {Constraint Answer Set Solving},

booktitle = {Logic Programming, 25th International Conference, ICLP 2009},

year = {2009},

pages = {235-249},

address = {Pasadena, CA, USA},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {5649},

}

@proceedings{DBLP:conf/iclp/2009,

editor = {Patricia M. Hill and

David Scott Warren},

title = {Logic Programming, 25th International Conference, ICLP 2009,

Pasadena, CA, USA, July 14-17, 2009. Proceedings},

booktitle = {ICLP},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {5649},

year = {2009},

}

@INPROCEEDINGS{LinZhao04AAAI,

AUTHOR = {Fangzhen Lin and Xishun Zhao},

TITLE = {On Odd and Even Cycles in Normal Logic Programs},

BOOKTITLE = {the Eighteenth National Conference on Artificial Intelligence

and Fourteenth Conference on Innovative Applications of Artificial Intelligence},

YEAR = {2004},

pages = {80-85},

address = {Edmonton, Alberta, Canada},

publisher = {AAAI Press},

}

@article{Feng:MLQ:2013,

author = {Shiguang Feng and

Xishun Zhao},

title = {Complexity and expressive power of second-order extended Horn logic},

journal = {Mathematical Logic Quarterly},

volume = {59},

number = {1-2},

year = {2013},

pages = {4-11},

}

@incollection{Bubeck:TAST:2005,

year={2005},

booktitle={Theory and Applications of Satisfiability Testing},

volume={3569},

series={Lecture Notes in Computer Science},

editor={Bacchus, Fahiem and Walsh, Toby},

title={Quantifier Rewriting and Equivalence Models for Quantified Horn Formulas},

publisher={Springer Berlin Heidelberg},

author={ Uwe Bubeck and Hans Kleine B\"{u}ing and Xishun Zhao},

pages={386-392}

}

@ARTICLE{Yisong2007JCST,

AUTHOR = {Yisong Wang and Mingyi Zhang and Yuping Shen},

TITLE = {Consistency Property of Finite FC-Normal Logic Programs},

JOURNAL = {Journal of Computer Science and Technology},

YEAR = {2007},

volume = {22},

number = {4},

pages = {554-561},

}

@ARTICLE{Hoare1969,

AUTHOR = {C.A.R. Hoare},

TITLE = {An Axiomatic BAsis for Computer Programming},

JOURNAL = {Communications of the ACM},

YEAR = {1969},

volume = {12},

pages = {576-580,583},

}

@INPROCEEDINGS{Fangzhen03IJCAI,

AUTHOR = {Fangzhen Lin and Jicheng Zhao},

TITLE = {On Tight Logic Programs and Yet Another Translation from Normal Logic Programs to Propositional Logic},

BOOKTITLE = {IJCAI},

YEAR = {2003},

pages = {853-858},

}

@INPROCEEDINGS{Kapur1986,

AUTHOR = {Deepak Kapur and Paliath Narendran},

TITLE = {NP-Completeness of the Set Unification and Matching Problems},

BOOKTITLE = {8th International Conference on Automated Deduction},

YEAR = {1986},

pages = {489-495},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {230},

address = {Oxford,England}

}

@ARTICLE{Egly2005,

AUTHOR = {Uwe Egly and Reinhard Pichler and Stefan Woltran},

TITLE = {On deciding subsumption problems},

JOURNAL = {Annals of Mathematics and Artificial Intelligence},

YEAR = {2005},

volume = {43},

number = {1},

pages = {255-294},

}

@INPROCEEDINGS{Pichler1998,

AUTHOR = {Reinhard Pichler},

TITLE = {On the Complexity of \textsc{H}-Subsumption},

BOOKTITLE = {Computer Science Logic, 12th International Workshop,Annual Conference of the EACS},

volume = {1584},

YEAR = {1998},

pages = {355-371},

series = {Lecture Notes in Computer Science},

publisher = {Springer},

address = {Brno, Czech Republic}

}

@ARTICLE{Dowling1984,

AUTHOR = {William F. Dowling and Jean H. Gallier},

TITLE = {Linear-Time Algorithms for Testing the Satisfiability of Propositional Horn Formulae},

JOURNAL = {Journal of Logic Programming},

YEAR = {1984},

volume = {1},

number = {3},

pages = {267-284},

}

@INPROCEEDINGS{Shen2007,

AUTHOR = {Yi-Dong Shen and Jia-Huai You},

TITLE = {A Generalized Gelfond-Lifschitz Transformation for Logic Programs with Abstract Constraints},

BOOKTITLE = {Proceedings of the Twenty-Second AAAI Conference on Artificial Intelligence},

YEAR = {2007},

pages = {483-488},

publisher = {AAAI Press},

address = {Vancouver, British Columbia},

}

@inproceedings{GelfondLifschitz88,

author = "Michael Gelfond and Vladimir Lifschitz",

title = "The stable model semantics for logic programming",

booktitle = "Proceedings of the Fifth International Conference and Symposium on Logic Programming",

year = 1988,

pages = "1070--1080",

address = "Seattle, Washington",

publisher = "MIT Press",

}

@INCOLLECTION{Lifschitz:Handbook:KR:2008,

author = {Vladimir Lifschitz and LeoraMorgenstern and David Plaisted},

TITLE = {Knowledge Representation and Classical Logic},

Chapter = {1},

booktitle ={Handbook of Knowledge Representation},

pages ={1--88},

publisher = {Elsevier},

YEAR = {2008}

}

@INCOLLECTION{Brewka:Handbook:KR:2008,

author = {Gerhard Brewka and Ilkka Niemel\"{a} and Miroslaw Truszczy\'{n}ski},

TITLE = {Nonmonotonic Reasoning},

Chapter = {6},

booktitle ={Handbook of Knowledge Representation},

pages ={239--284},

publisher = {Elsevier},

YEAR = {2008}

}

@INCOLLECTION{Lifschitz:Handbook:KR:2008,

author = {Vladimir Lifschitz and LeoraMorgenstern and David Plaisted},

TITLE = {Knowledge Representation and Classical Logic},

Chapter = {1},

booktitle ={Handbook of Knowledge Representation},

pages ={1--88},

publisher = {Elsevier},

YEAR = {2008}

}

@INCOLLECTION{gelfond,

author = {Michael Gelfond},

TITLE = {Answer sets},

Chapter = {7},

booktitle ={Handbook of Knowledge Representation},

pages ={285-316},

publisher = {Elsevier},

YEAR = {2008}

}

@article{gelfond02,

author = "Michael Gelfond",

title = "Representing Knowledge in A-Prolog",

journal ="Computational Logic: Logic Programming and Beyond",

pages ="413-451",

year ="2002"

}

@article{GelfondLifschitz91,

author = "Michael Gelfond and Vladimir Lifschitz",

title = "Classical negation in logic programs and disjunctive databases",

journal = "New Generation Computing",

year = 1991,

volume = 9,

pages = "365--385"

}

@INPROCEEDINGS{Erdogan:LPNMR2004,

AUTHOR = {Selim T. Erdogan and Vladimir Lifschitz},

TITLE = {Definitions in Answer Set Programming},

BOOKTITLE = {Proceedings of the Seventh International Conference Logic Programming and Nonmonotonic Reasoning},

YEAR = {2004},

pages = {114-126},

address = {Fort Lauderdale, FL, USA},

publisher = {Springer},

}

@INPROCEEDINGS{Son2006,

AUTHOR = {Tran Cao Son and Enrico Pontelli and Phan Huy Tu},

TITLE = {Answer Sets for Logic Programs with Arbitrary Abstract Constraint Atoms},

BOOKTITLE = {AAAI},

YEAR = {2006},

}

@ARTICLE{Son:JAIR2007,

AUTHOR = {Tran Cao Son and Enrico Pontelli and Phan Huy Tu},

TITLE = {Answer Sets for Logic Programs with Arbitrary Abstract Constraint Atoms},

JOURNAL = {Journal of Artificial Intelligence Research},

YEAR = {2007},

volume = {29},

pages = {353-389},

}

@article{DBLP:Son:TPLP:2007,

author = {Tran Cao Son and

Enrico Pontelli},

title = {A Constructive semantic characterization of aggregates in

answer set programming},

journal = {Theory and Practice of Logic Programming},

volume = {7},

number = {3},

year = {2007},

}

@INPROCEEDINGS{You:LPNMR2007,

AUTHOR = {Jia-Huai You and Li-Yan Yuan and Guohua Liu and Yi-Dong Shen},

TITLE = {Logic Programs with Abstract Constraints: Representaton, Disjunction and Complexities},

BOOKTITLE = {Proceedings of the Ninth International Conference on Logic Programming and Nonmonotonic Reasoning},

YEAR = {2007},

pages = {228-240},

address = {Tempe, AZ, USA},

publisher = {Springer-Verlag},

}

@inproceedings{You:AAAI08,

author = {Jia-Huai You and

Guohua Liu},

title = {Loop Formulas for Logic Programs with Arbitrary Constraint

Atoms},

booktitle = {Proceedings of the Twenty-Third AAAI Conference on

Artificial Intelligence (AAAI 2008)},

year = {2008},

pages = {584-589},

address = {Chicago, Illinois, USA},

publisher = {AAAI Press},

}

@ARTICLE{Fages:JMLCS:1994,

AUTHOR = {Fran\c{c}ois Fages },

TITLE = {Consistency of Clark's completion and existence of stable models},

JOURNAL = {Journal of Methods of Logic in Computer Science},

YEAR = {1994},

volume = {1},

pages = {51-60},

}

@ARTICLE{Pelov:TPLP:2007,

AUTHOR = {Nikolay Pelov and Marc Denecker and Maurice Bruynooghe},

TITLE = {Well-founded and Stable Semantics of Logic Programs with Aggregates},

JOURNAL = {Theory and Practice of Logic Programming},

YEAR = {2007},

volume = {7},

number = {3},

pages = {301-353},

}

@INPROCEEDINGS{Pelov:ASP:2003,

author = {Nikolay Pelov and Marc Denecker and Maurice Bruynooghe},

title = {Translation of Aggregate Programs to Normal Logic Programs},

booktitle = {Answer Set Programming: Advances in Theory and Implementation},

volume = {78},

series = {CEUR Workshop Proceedings},

year = {2003},

address = {Messina, Italy},

pages = {29-42},

}

@article{Marek:TPLP2008,

author = {Victor Marek and Ilkka Niemel\"a and Miroslaw Truszczy\'{n}ski},

title = {Logic programs with monotone abstract constraint atoms},

journal = {Theory and Practice of Logic Programming},

volume = {8},

number = {2},

year = {2008},

issn = {1471-0684},

pages = {167--199},

publisher = {Cambridge University Press},

address = {New York, NY, USA},

}

@article{Liu:JAIR06,

author = {Lengning Liu and

Miroslaw Truszczynski},

title = {Properties and Applications of Programs with Monotone and

Convex Constraints},

journal = {Journal of Artificial Intelligence Research},

volume = {27},

year = {2006},

pages = {299-334},

}

@ARTICLE{Marek2006,

AUTHOR = {Victor W. Marek and Ilkka Niemel$\ddot{a}$ and Miroslaw Truszczynski},

TITLE = {Logic programs with monotone abstract constraint atoms},

JOURNAL = {Theory and Practice of Logic Programming},

YEAR = {2006},

URL = {citeseer.ist.psu.edu/693201.html},

volume = {XX},

number = {X},

pages = {X},

}

@ARTICLE{Niemela99,

AUTHOR = {Ilkka Niemel{\"{a}}},

TITLE = {Logic Programs with Stable Model Semantics as a Constraint Programming Paradigm},

JOURNAL = {Annals of Mathematics and Artificial Intelligence},

YEAR = {1999},

volume = {25},

number = {3-4},

pages = {241-273},

}

@INBOOK{Niemela00,

AUTHOR = {Ilkka Niemel{\"a} and Patrik Simons},

editor = {Jack Minker},

TITLE = {Extending the {Smodels} System with Cardinality and Weight Constraints},

CHAPTER = {21},

pages = {491--521},

PUBLISHER = {Kluwer Academic Publishers},

YEAR = {2000},

address = {Dordrecht},

}

@INPROCEEDINGS{Cabalar04,

AUTHOR = {Pedro Cabalar and David Lorenzo},

TITLE = {Logic Programs with Functions and Default Values},

BOOKTITLE = {Proceedings of the Ninth European Conference on Logics in Artificial Intelligence},

YEAR = {2004},

pages = {294-306},

address = {Lisbon, Portugal},

publisher = {Springer}

}

@MISC{Cabalar05,

AUTHOR = {Pedro Cabalar},

TITLE = {A Functional Action Language Front-end},

howpublished = {The Third International Workshop on Answer Set Programming: Advances in Theory and Implementation},

YEAR = {2005},

address = {Bath, UK},

month = {July},

note = {http://www.dc.fi.udc.es/$\thicksim$cabalar/asp05\\_C.pdf},

}

@INPROCEEDINGS{Baselice2007,

AUTHOR = {Sabrina Baselice and Piero A. Bonatti and Giovanni Criscuolo},

TITLE = {On Finitely Recursive Programs},

BOOKTITLE = {Proceedings of the Twenty Third International Conference on Logic Programming},

YEAR = {2007},

pages = {89-103},

address = {Porto, Portugal},

publisher = {Springer},

}

@ARTICLE{Bonatti2004,

AUTHOR = {Piero A. Bonatti},

TITLE = {Reasoning with infinite stable models},

JOURNAL = {Artificial Intelligence},

YEAR = {2004},

volume = {156},

number = {1},

pages = {75-111},

}

@BOOK{Rina2003,

AUTHOR = {Dechter Rina},

TITLE = {Constraint Processing},

PUBLISHER = {Morgan Kaufmann},

YEAR = {2003}

}

@BOOK{Enderton2000,

AUTHOR = {Herbert B. Enderton},

TITLE = {A Mathematical Introduction to Logic},

PUBLISHER = {Academic Press},

YEAR = {2000},

edition = {Second}

}

@article{Reiter80:ACM,

author = {Raymond Reiter},

title = {Equality and Domain Closure in First-Order Databases},

journal = {J. ACM},

volume = {27},

number = {2},

year = {1980},

pages = {235-249},

ee = {db/journals/jacm/Reiter80.html, http://doi.acm.org/10.1145/322186.322189},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@INPROCEEDINGS{Walsh00,

AUTHOR = {Toby Walsh},

TITLE = {SAT v CSP},

BOOKTITLE = {CP},

YEAR = {2000},

pages = {441-456},

}

@INPROCEEDINGS{Naoyuki06,

AUTHOR = {Naoyuki Tamura and Akiko Taga and Satoshi Kitagawa and Mutsunori Banbara},

TITLE = {Compiling Finite Linear CSP into SAT},

BOOKTITLE = {CP},

YEAR = {2006},

pages = {590-603},

}

@article{GLM06:JAR,

author = {Enrico Giunchiglia and Yuliya Lierler and Marco Maratea},

title = {Answer Set Programming Based on Propositional Satisfiability},

journal = {Journal of Automated Reasoning},

volume = {36},

number = {4},

year = {2006},

pages = {345-377}

}

@INPROCEEDINGS{Yuliya:ICLP2009,

AUTHOR = {Yuliya Lierler and Vladimir Lifschitz},

TITLE = {One More Decidable Class of Finitely Ground Programs},

BOOKTITLE = {ICLP},

YEAR = {2009},

pages = {},

note = {To appear},

}

@INPROCEEDINGS{Dovier:ICLP2005,

AUTHOR = {Agostino Dovier and Andrea Formisano and Enrico Pontellia},

TITLE = {A Comparison of CLP(FD) and ASP Solutions to NP-Complete Problems},

BOOKTITLE = {ICLP},

YEAR = {2005},

pages = {67-82},

}

@INPROCEEDINGS{LW:KR08,

AUTHOR = {Fangzhen Lin and Yisong Wang},

TITLE = {Answer set programming with functions},

BOOKTITLE = {Proceedings of the 11th International Conference on Principles of Knowledge Representation and Reasoning},

YEAR = {2008},

ADDRESS = {Sydney, Australia},

publisher = {AAAI Press},

PAGES = {454-464},

}

@inproceedings{DBLP:Yisong:LPNMR:2009,

author = {Yisong Wang and

Jia-Huai You and

Li-Yan Yuan and

Mingyi Zhang},

title = {Weight Constraint Programs with Functions},

booktitle = {Logic Programming and Nonmonotonic Reasoning, 10th International

Conference, LPNMR 2009},

year = {2009},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {5753},

pages = {329-341},

address = {Potsdam, Germany},

}

@MISC{Yisong:NonMon30,

author = {Yisong Wang and Jia-Huai You and Liyan Yuan and Yi-Dong Shen},

title = {Normal Description Logic Programs as Default Theories},

year = {2010},

note = {30 Years of Nonmonotonic Logic},

}

@INPROCEEDINGS{Lee:KR08,

AUTHOR = {Joohyung Lee and Yunsong Meng},

TITLE = {On Loop Formulas with Variables},

BOOKTITLE = {Proceedings of the 11th International Conference on Principles of Knowledge Representation and Reasoning (KR 2008)},

YEAR = {2008},

ADDRESS = {Sydney, Australia},

PAGES = {444-453},

publisher = {AAAI Press},

}

@ARTICLE{LinZhao:assat,

AUTHOR = {Fangzhen Lin and Yuting Zhao},

TITLE = {\textsc{ASSAT}: computing answer sets of a logic program by \textsc{SAT} solvers},

JOURNAL = {Artificial Intelligence},

YEAR = {2004},

volume = {157},

number = {1-2},

pages = {115-137},

}

@article{AGM:JSL85,

author = {Carlos E. Alchourr\"{o}n and Peter G\"{a}rdenfors and David Makinson},

title = {On the logic of theory change: Partial meet contraction and revision functions},

journal = {Journal of Symbolic Logic},

volume = {50},

number = {2},

year = {1985},

pages = {510-530}

}

@article{Katsuno:AIJ:1992,

author = {Hirofumi Katsuno and

Alberto O. Mendelzon},

title = {Propositional Knowledge Base Revision and Minimal Change},

journal = {Artificial Intelligence},

volume = {52},

number = {3},

year = {1992},

pages = {263-294},

}

@INPROCEEDINGS{Katsuno:KR:1991,

author = "Hirofumi Katsuno and Alberto Mendelzon",

title = "On the Difference Between Updating a Knowledge Base and Revising It",

booktitle = "{KR}'91: Principles of Knowledge Representation and Reasoning",

publisher = "Morgan Kaufmann",

address = "San Mateo, California",

pages = "387--394",

year = "1991",

}

@ARTICLE{DarwicheJAI97,

AUTHOR = {Adnan Darwiche and Judea Pearl},

TITLE = {On the Logic of Iterated Belief Revision},

JOURNAL = {Artificial Intelligence},

YEAR = {1997},

volume = {89},

pages = {1--29},

}

@article{Alferes:JLP:2000,

author = "J.J. Alferes and J.A. Leite and L.M. Pereira and H. Przymusinska and T.C. Przymusinski",

title = "Dynamic updates of non-monotonic knowledge bases ",

journal = "The Journal of Logic Programming ",

volume = "45",

number = "1",

pages = "43 - 70",

year = "2000",

}

@INPROCEEDINGS{FaginUV83,

author = {Ronald Fagin and

Jeffrey D. Ullman and

Moshe Y. Vardi},

title = {On the Semantics of Updates in Databases},

booktitle = {PODS},

year = {1983},

pages = {352-365},

}

@BOOK{Levi84,

AUTHOR = {Isaac Levi},

TITLE = {The Enterprise of Knowledge},

PUBLISHER = {The MIT Press,. Cambridge, Massachusetts.},

YEAR = {1980},

}

@INPROCEEDINGS{BLOG:IJCAI05,

AUTHOR = {Brian Milch and Bhaskara Marthi and Stuart J. Russell and David Sontag and Daniel L. Ong and Andrey Kolobov},

TITLE = {BLOG: Probabilistic Models with Unknown Objects},

BOOKTITLE = {Proceedings of the Nineteenth International Joint

Conference on Artificial Intelligence (IJCAI 2005)},

YEAR = {2005},

pages = {1352-1359},

}

@ARTICLE{Richardson:ML06,

AUTHOR = {Matthew Richardson and Pedro Domingos},

TITLE = {Markov logic networks},

JOURNAL = {Machine Learning},

YEAR = {2006},

volume = {62},

number = {1-2},

pages = {107-136},

}

@ARTICLE{Halpern:AIJ90,

AUTHOR = {Joseph Y. Halpern},

TITLE = {An Analysis of First-Order Logics of Probability},

JOURNAL = {Artificial Intelligence},

YEAR = {1990},

volume = {46},

number = {3},

pages = {311-350},

}

@ARTICLE{fages91,

author = {F. Fages},

title = {A fixpoint semantics for general logic programs compared with the well-supported and stable model semantics},

journal ={New Generation Computing},

volume = {9},

pages = {425-443},

year = {1991}}

@ARTICLE{elkan90,

author = {C. Elkan},

title = {A rational reconstruction of nonmonotonic truth maintenance systems},

journal ={Artificial Intelligence},

volume = {43},

pages = {219-234},

year = {1990}}

@CONFERENCE{y-y-90,

AUTHOR = { J. You and L. Li},

TITLE = {Supported circumscription and its relation to logic programming with negation},

BOOKTITLE = { Proc. North American Conference on Logic Programming},

Publisher = {MIT Press},

YEAR = {1990},

pages = {291-312}}

@CONFERENCE{y-y-95b,

AUTHOR = { L. Yuan and J. You},

TITLE = { On the extension of logic programming with negation through uniform proofs},

BOOKTITLE = { Proc. 3rd International conference on LPNMR },

pages={231-244},

YEAR = { 1995}}

@ARTICLE{Fagin:JIC90,

AUTHOR = {Ronald Fagin and Joseph Y. Halpern and Nimrod Megiddo},

TITLE = {A Logic for Reasoning about Probabilities},

JOURNAL = {Inf. Comput.},

YEAR = {1990},

volume = {87},

number = {1/2},

pages = {78-128},

}

@inproceedings{Simkus:LPAR07,

author = {Mantas Simkus and

Thomas Eiter},

title = {$\mathbb{FDNC}$: Decidable Non-monotonic Disjunctive Logic Programs with Function Symbols},

booktitle = {Proceedings of Fourteenth International Conference on Logic for Programming

Artificial Intelligence and Reasoning},

year = {2007},

pages = {514-530},

publisher = {Springer},

address = {Yerevan, Armenia},

}

@article{CalimeriCI07:AMAI2007,

author = {Francesco Calimeri and

Susanna Cozza and

Giovambattista Ianni},

title = {External sources of knowledge and value invention in logic programming},

journal = {Annals of Mathematics and Artificial Intelligence},

volume = {50},

number = {3-4},

year = {2007},

pages = {333-361},

ee = {http://dx.doi.org/10.1007/s10472-007-9076-z},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@INPROCEEDINGS{Tommi:LPNMR01,

AUTHOR = {Tommi Syrj\"{a}nen},

TITLE = {Omega-Restricted Logic Programs},

BOOKTITLE = {Proceedings of the Sixth International Conference on Logic Programming and Nonmonotonic Reasoning},

YEAR = {2001},

pages = {267-279},

address = {Vienna, Austria},

publisher = {Springer},

}

@inproceedings{Linke:ICLP04,

author = {Thomas Linke and

Hans Tompits and

Stefan Woltran},

title = {On Acyclic and Head-Cycle Free Nested Logic Programs},

booktitle = {Proceedings of the Twentyth International Conference on Logic Programming},

year = {2004},

pages = {225-239},

publisher = {Springer},

address = {Saint-Malo, France},

series = {Lecture Notes in Computer Science},

}

@ARTICLE{Vennekens:TOCL2006,

AUTHOR = {Joost Vennekens and David Gilis and Marc Denecker},

TITLE = {Splitting an operator: Algebraic modularity results for logics with fixpoint semantics},

JOURNAL = {ACM Transactions on Computational Logic},

YEAR = {2006},

volume = {7},

number = {4},

pages = {765-797},

}

@INPROCEEDINGS{Lifschitz:AAAI2008,

AUTHOR = {Vladimir Lifschitz},

TITLE = {What Is Answer Set Programming?},

BOOKTITLE = {Proceedings of the Twenty-Third AAAI Conference on Artificial Intelligence},

YEAR = {2008},

pages = {1594-1597},

address = {Chicago, Illinois, USA},

publisher = {AAAI Press},

}

@INPROCEEDINGS{Lifschitz:ICLP2008,

AUTHOR = {Vladimir Lifschitz},

TITLE = {Twelve Definitions of a Stable Model},

BOOKTITLE = {Proceedings of the 24th International Conference Logic Programming},

YEAR = {2008},

volume = {5366},

series = {Lecture Notes in Computer Science},

pages = {37-51},

address = {Udine, Italy},

publisher = {Springer},

}

@ARTICLE{Milnikel:FI2001,

AUTHOR = {Robert Saxon Milnikel},

TITLE = {Skeptical Reasoning in FC-Normal Logic Programs is $\Pi\_1^1$-complete},

JOURNAL = {Fundamenta Informaticae},

YEAR = {2001},

volume = {45},

number = {3},

pages = {237-252},

}

@BOOK{Boolos:book:CL2007,

AUTHOR = {George S. Boolos and John P. Burgess and Richard C. Jeffrey},

TITLE = {Computability and Logic},

PUBLISHER = {Cambridge University Press},

YEAR = {2007},

edition = {5th},

isbn = {0521877520},

}

@INPROCEEDINGS{Ferraris:Gabby2005,

AUTHOR = {Paolo Ferraris and Vladimir Lifschitz},

TITLE = {Mathematical Foundations of Answer Set Programming},

BOOKTITLE = {We Will Show Them! Essays in Honour of Dov Gabbay},

YEAR = {2005},

editor = {Sergei N. Art{\"e}mov and

Howard Barringer and

Artur S. d'Avila Garcez and

Lu\'{\i}s C. Lamb and

John Woods},

volume = {1},

pages = {615-664},

publisher = {College Publications},

}

@INBOOK{Gabbay1994,

AUTHOR = {Dov M. Gabbay},

editor = {D.M. Gabbay and C.J. Hogger and J.A. Robinson},

TITLE = {Handbook of Logic in Artificial Intelligence and Logic Programming},

CHAPTER = {2.6 Classical vs non-classical logic},

PUBLISHER = {Oxford University Press},

YEAR = {1994},

volume = {2},

}

@INBOOK{BR:Handbook:KR08,

AUTHOR = {Pavlos Peppas},

TITLE = {Handbook of Knowledge Representation},

CHAPTER = {ch. 8 Belief Revision},

pages = {317-360},

PUBLISHER = {Elsevier},

YEAR = {2008},

series = {Foundations in Artificial Intelligence},

}

@INBOOK{ASP:Handbook:KR08,

AUTHOR = {Michael Gelfond},

TITLE = {Handbook of Knowledge Representation},

CHAPTER = {7 Answer Sets},

pages = {285-316},

PUBLISHER = {Elsevier},

YEAR = {2008},

series = {Foundations in Artificial Intelligence},

}

@BOOK{Handbook:KR08,

editor = {Frank Van Harmelen and Vladimir Lifschitz and Bruce Porter},

TITLE = {Handbook of Knowledge Representation},

PUBLISHER = {Elsevier},

YEAR = {2008},

}

@INPROCEEDINGS{Bria:JELIA2008,

AUTHOR = {Annamaria Bria and Wolfgang Faber and Nicola Leone},

TITLE = {Normal Form Nested Programs},

BOOKTITLE = {Logics in Artificial Intelligence, 11th European Conference},

YEAR = {2008},

volume = {5293},

series = {Lecture Notes in Computer Science},

pages = {76-88},

address = {Dresden, Germany},

publisher = {Springer},

}

@INPROCEEDINGS{Lee:ICLP2008,

AUTHOR = {Joohyung Lee and Vladimir Lifschitz and Ravi Palla},

TITLE = {Safe Formulas in the General Theory of Stable Models (Preliminary Report)},

BOOKTITLE = {Logic Programming, 24th International Conference},

YEAR = {2008},

volume = {5366},

series = {Lecture Notes in Computer Science},

pages = {672-676},

address = {Udine, Italy},

publisher = {Springer},

}

@inproceedings{DBLP:Lee:LPNMR:2009,

author = {Joohyung Lee and

Yunsong Meng},

title = {On Reductive Semantics of Aggregates in Answer Set Programming},

booktitle = {Logic Programming and Nonmonotonic Reasoning, 10th International

Conference, LPNMR 2009},

year = {2009},

pages = {182-195},

address = {Potsdam, Germany},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {5753},

}

@INPROCEEDINGS{Calimeri:ICLP2008,

AUTHOR = {Francesco Calimeri and Susanna Cozza and Giovambattista Ianni and Nicola Leone},

TITLE = {Computable Functions in \texttt{ASP}: Theory and Implementation},

BOOKTITLE = {Logic Programming, 24th International Conference},

YEAR = {2008},

volume = {5366},

series = {Lecture Notes in Computer Science},

pages = {407-424},

address = {Udine, Italy},

publisher = {Springer},

}

@INPROCEEDINGS{Pearce:ICLP2008,

AUTHOR = {David Pearce},

TITLE = {A new logical characterisation of stable models and answer sets},

editor = {J{\"u}rgen Dix and Lu\'{\i}s Moniz Pereira and Teodor C. Przymusinski},

BOOKTITLE = {Non-Monotonic Extensions of Logic Programming},

YEAR = {1997},

volume = {1216},

series = {Lecture Notes in Computer Science},

pages = {57-70},

address = {Bad Honnef, Germany},

publisher = {Springer},

}

@article{Dix95:FIa,

author = {J{\"u}rgen Dix},

title = {A Classification Theory of Semantics of Normal Logic Programs:

II. Weak Properties},

journal = {Fundamenta Informaticae},

volume = {22},

number = {3},

year = {1995},

pages = {257-288}

}

@article{Dix95:FI,

author = {J{\"u}rgen Dix},

title = {A Classification Theory of Semantics of Normal Logic Programs:

I. Strong Properties},

journal = {Fundamenta Informaticae},

volume = {22},

number = {3},

year = {1995},

pages = {227-255},

}

@inproceedings{Pearce:JELIA2004,

author = {David Pearce and Agust\'{\i}n Valverde},

title = {Towards a First Order Equilibrium Logic for Nonmonotonic Reasoning},

BOOKTITLE = {Logics in Artificial Intelligence, 9th European Conference},

year = {2004},

volume = {3229},

series = {Lecture Notes in Computer Science},

pages = {147-160},

address = {Lisbon, Portugal},

publisher = {Springer},

}

@ARTICLE{Mellarkod:AMAI2008,

AUTHOR = {V.S. Mellarkod and M. Gelfond and Y. Zhang},

TITLE = {Integrating answer set programming and constraint logic programming},

JOURNAL = {Annals of Mathematics and Artificial Intelligence},

YEAR = {2008},

volume = {53},

number = {1-4},

pages = {251-287},

}

@article{DBLP:journals/ai/Nilsson86,

author = {Nils J. Nilsson},

title = {Probabilistic Logic},

journal = {Artificial Intelligence},

volume = {28},

number = {1},

year = {1986},

pages = {71-87},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@article{DBLP:journals/ai/Lukasiewicz05,

author = {Thomas Lukasiewicz},

title = {Weak nonmonotonic probabilistic logics},

journal = {Artificial Intelligence},

volume = {168},

number = {1-2},

year = {2005},

pages = {119-161},

ee = {http://dx.doi.org/10.1016/j.artint.2005.05.005},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@article{DBLP:journals/ai/EiterILST08,

author = {Thomas Eiter and

Giovambattista Ianni and

Thomas Lukasiewicz and

Roman Schindlauer and

Hans Tompits},

title = {Combining answer set programming with description logics for the Semantic Web},

journal = {Artificial Intelligence},

volume = {172},

number = {12-13},

year = {2008},

pages = {1495-1539},

ee = {http://dx.doi.org/10.1016/j.artint.2008.04.002},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@inproceedings{DBLP:conf/ijcai/MotikR07,

author = {Boris Motik and

Riccardo Rosati},

title = {A Faithful Integration of Description Logics with Logic Programming},

booktitle = {Proceedings of the 20th International Joint

Conference on Artificial Intelligence (IJCAI 2007)},

address = {Hyderabad, India},

year = {2007},

pages = {477-482},

}

@ARTICLE{Motik:JACM:2010,

AUTHOR = {Boris Motik and Riccardo Rosati},

TITLE = {Reconciling Description Logics and Rules},

JOURNAL = {Journal of the ACM},

YEAR = {2010},

volume = {57},

number = {5},

pages = {1--62},

}

@MISC{Motik:JACM:submission:2008,

author = {Boris Motik and

Riccardo Rosati},

title = {Reconciling Description Logics and Rules},

howpublished = {Submitted to JACM},

year = {2008},

source = {http://web.comlab.ox.ac.uk/people/boris.motik/pubs/mr08reconciling.pdf},

note = {http://web.comlab.ox.ac.uk/people/boris.motik/pubs/mr08reconciling.pdf},

}

@incollection{DBLP:series/lncs/DrabentEIKLM09,

author = {Wlodzimierz Drabent and

Thomas Eiter and

Giovambattista Ianni and

Thomas Krennwallner and

Thomas Lukasiewicz and

Jan Maluszynski},

title = {Hybrid Reasoning with Rules and Ontologies},

booktitle = {Semantic Techniques for the Web, The REWERSE Perspective},

year = {2009},

pages = {1-49},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {5500},

}

@book{DBLP:series/lncs/5500,

editor = {Fran\c{c}ois Bry and

Jan Maluszynski},

title = {Semantic Techniques for the Web, The REWERSE Perspective},

booktitle = {REWERSE},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {5500},

year = {2009},

isbn = {978-3-642-04580-6},

ee = {http://dx.doi.org/10.1007/978-3-642-04581-3},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@inproceedings{DBLP:conf/esws/Lukasiewicz07,

author = {Thomas Lukasiewicz},

title = {A Novel Combination of Answer Set Programming with Description

Logics for the Semantic Web},

booktitle = {The Semantic Web: Research and Applications, 4th European

Semantic Web Conference (ESWC2007)},

year = {2007},

pages = {384-398},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {4519},

address = {Innsbruck, Austria},

}

@inproceedings{DBLP:conf/ijcai/Lifschitz91,

author = {Vladimir Lifschitz},

title = {Nonmonotonic Databases and Epistemic Queries},

booktitle = {Proceedings of the 12th International Joint Conference on Artificial Intelligence (IJCAI 1991)},

address = {Sydney, Australia},

year = {1991},

pages = {381-386},

publisher = {Morgan Kaufmann},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@INCOLLECTION{Apt:1990:TCS:Handbook,

AUTHOR = {Krzysztof R Apt},

BOOKTITLE = {Handbook of Theoretical Computer Science},

EDITOR = {van Leeuven},

PAGES = {493-574},

PUBLISHER = {Elsevier, Amsterdam},

TITLE = {Logic programming},

YEAR = {1990}

}

@INCOLLECTION{apt88towards,

AUTHOR = {Krzysztof R Apt and Blair, H. A. and Walker, A.},

BOOKTITLE = {Foundations of deductive databases and logic programming},

EDITOR = {Minker, J.},

PAGES = {293-322},

PUBLISHER = {Morgan Kaufmann, Los Altos},

TITLE = {Towards a theory of declarative knowledge},

YEAR = {1988}

}

@inproceedings{PapadimitriouYannakakis92,

author = {Christos H. Papadimitriou and Mihalis Yannakakis},

title = {Tie-breaking semantics and structural totality},

booktitle = {Proceedings of 11th ACM conference on Principles of Database

Systems (PODS 1992)},

year = {1992},

pages = {16-22},

publisher = {ACM Press},

address = {San Diego, California},

}

@ARTICLE{Gelderetal1991,

AUTHOR = "Allen {Van Gelder} and Kenneth A. Ross and John S. Schlipf",

TITLE = "The Well-Founded Semantics for General Logic Programs",

JOURNAL = "J. ACM",

YEAR = "1991",

volume = "38",

number = "3",

pages = "620-650"

}

@ARTICLE{Sato1990,

AUTHOR = "Taisuke Sato",

TITLE = "Completed Logic Programs and their Consistency",

JOURNAL = "Journal of Logic Programming",

YEAR = "1990",

volume = "9",

number = "1",

pages = "33-44"

}

@ARTICLE{Kunen1989,

AUTHOR = "Kenneth Kunen",

TITLE = "Signed Data Dependencies in Logic Programs",

JOURNAL = "Journal of Logic Programming",

YEAR = "1989",

volume = "7",

number = "3",

pages = "231-245"

}

@article{DBLP:journals/jcst/ZhaoS07,

author = {Xi-Shun Zhao and

Yu-Ping Shen},

title = {Comparison of Semantics of Disjunctive Logic Programs Based

on Model-Equivalent Reduction},

journal = {Journal of Computer Science and Technology},

volume = {22},

number = {4},

year = {2007},

pages = {562-568},

}

@ARTICLE{Chenwu:JCST2009,

AUTHOR = {Wu Chen and Ming-Yi Zhang and Mao-Nian Wu},

TITLE = {Logic-Program-Based Negotiation Mechanism},

JOURNAL = {Journal of Computer Science and Technology},

YEAR = {2009},

volume = {24},

number = {4},

pages = {753-760},

}

@INPROCEEDINGS{Eiter:RuleML2004,

author = {Thomas Eiter and Thomas Lukasiewicz and Roman Schindlauer and Hans Tompits},

title = {Well-founded semantics for description logic programs in the semantic web},

booktitle = {Rules and Rule Markup Languages for the Semantic Web: Third

International Workshop, RuleML 2004},

address ={Hiroshima, Japan},

year = {2004},

pages = {81--97},

series = {Lecture Notes in Computer Science},

volume = {3323},

publisher = {Springer}

}

@inproceedings{DBLP:Shen:LPNMR:2009,

author = {Yi-Dong Shen and

Jia-Huai You},

title = {A Default Approach to Semantics of Logic Programs with Constraint Atoms},

booktitle = {Logic Programming and Nonmonotonic Reasoning, 10th International

Conference (LPNMR2009)},

year = {2009},

pages = {277-289},

address = {Potsdam, Germany},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {5753},

}

@BOOK{Baader:Handbook:DL:2007,

Author = {Franz Baader and Diego Calvanese and Deborah L. McGuinness and Daniele Nardi and Peter F. Patel-Schneider},

TITLE = {The Description Logic Handbook: Theory, Implementation, and Applications},

PUBLISHER = {Cambridge University Press},

YEAR = {2007},

edition = {2nd},

address = {New York, NY},

}

@ARTICLE{Eiter:TOCL2011,

AUTHOR = {Thomas Eiter and Thomas Lukasiewicz and Giovambattista Ianni and Roman Schindlauer},

TITLE = {Well-Founded Semantics For Description Logic Programs In The Semantic Web},

JOURNAL = {ACM Transactions on Computational Logic (TOCL)},

YEAR = {2011},

volume = {12},

number = {2},

pages = {11:1-11:41},

}

@article{DBLP:Yidong:TPLP:2009,

author = {Yi-Dong Shen and

Jia-Huai You and

Li-Yan Yuan},

title = {Characterizations of Stable Model Semantics for Logic Programs

with Arbitrary Constraint Atoms},

journal = {Theory and Practice of Logic Programming},

volume = {9},

number = {4},

year = {2009},

pages = {529-564},

}

@article{DBLP:journals/csur/BordeauxHZ06,

author = {Lucas Bordeaux and

Youssef Hamadi and

Lintao Zhang},

title = {Propositional Satisfiability and Constraint Programming:

A comparative survey},

journal = {ACM Computing Surveys},

volume = {38},

number = {4},

year = {2006},

ee = {http://doi.acm.org/10.1145/1177352.1177354},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@ARTICLE{Berners:Science:2001,

AUTHOR = {Tim Berners-Lee and James Hendler and Ora Lassila },

TITLE = {The Semantic Web},

JOURNAL = {Scientific American Magazine},

YEAR = {2001},

volume = {284},

number = {5},

pages = {34-43},

}

@article{DBLP:Shadbolt:IIS:2006,

author = {Nigel Shadbolt and

Tim Berners-Lee and

Wendy Hall},

title = {The Semantic Web Revisited},

journal = {IEEE Intelligent Systems},

volume = {21},

number = {3},

year = {2006},

pages = {96-101},

ee = {http://doi.ieeecomputersociety.org/10.1109/MIS.2006.62},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@UNPUBLISHED{OWL:2006,

AUTHOR = {W3C},

TITLE = {\textsc{OWL} 1.1 Web ontology language overview},

NOTE = {Available at http://www.w3.org/Submission/owl11-overview/},

year = {2006},

}

@MISC{OWL2-overview,

author = {{W3C OWL Working Group}},

title = {{OWL~2 Web Ontology Language: Document Overview}},

howpublished = {http://www.w3.org/TR/owl2-overview/},

year = {2009},

}

@inproceedings{DBLP:Horrocks:DL:2003,

author = {Ian Horrocks and

Peter F. Patel-Schneider},

title = {Reducing \textsc{OWL} Entailment to Description Logic Satisfability},

booktitle = {Proceedings of the 2003 International Workshop on Description Logics (DL2003)},

year = {2003},

publisher = {CEUR-WS.org},

series = {CEUR Workshop Proceedings},

volume = {81},

address = { Rome, Italy},

}

@proceedings{DBLP:conf/dlog/2003,

editor = {Diego Calvanese and

Giuseppe De Giacomo and

Enrico Franconi},

title = {Proceedings of the 2003 International Workshop on Description

Logics (DL2003), Rome, Italy September 5-7, 2003},

booktitle = {Description Logics},

publisher = {CEUR-WS.org},

series = {CEUR Workshop Proceedings},

volume = {81},

year = {2003},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@inproceedings{DBLP:Rosati:KR:2006,

author = {Riccardo Rosati},

title = {\textsc{DL}+log: Tight Integration of Description Logics and Disjunctive

Datalog},

booktitle = {Proceedings, Tenth International Conference on Principles

of Knowledge Representation and Reasoning (KR2006)},

year = {2006},

pages = {68-78},

publisher = {AAAI Press},

address = {Lake District of the United Kingdom},

}

@proceedings{DBLP:conf/kr/2006,

editor = {Patrick Doherty and

John Mylopoulos and

Christopher A. Welty},

title = {Proceedings, Tenth International Conference on Principles

of Knowledge Representation and Reasoning, Lake District

of the United Kingdom, June 2-5, 2006},

booktitle = {KR},

publisher = {AAAI Press},

year = {2006},

isbn = {978-1-57735-271-6},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@inproceedings{DBLP:Horrocks:WWW:2004,

author = {Ian Horrocks and

Peter F. Patel-Schneider},

title = {A proposal for an \textsc{OWL} rules language},

booktitle = {Proceedings of the 13th international conference on World Wide Web (WWW 2004)},

year = {2004},

pages = {723-731},

publisher = {ACM},

address = {New York, NY, USA},

ee = {http://doi.acm.org/10.1145/988672.988771},

}

@proceedings{DBLP:conf/www/2004,

editor = {Stuart I. Feldman and

Mike Uretsky and

Marc Najork and

Craig E. Wills},

title = {Proceedings of the 13th international conference on World

Wide Web, WWW 2004, New York, NY, USA, May 17-20, 2004},

booktitle = {WWW},

publisher = {ACM},

year = {2004},

isbn = {1-58113-844-X},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@inproceedings{DBLP:Analyti:KR:2008,

author = {Anastasia Analyti and

Grigoris Antoniou and

Carlos Viegas Dam{\'a}sio},

title = {A Principled Framework for Modular Web Rule Bases and Its

Semantics},

booktitle = {Principles of Knowledge Representation and Reasoning: Proceedings

of the Eleventh International Conference (KR2008)},

year = {2008},

pages = {390-400},

publisher = {AAAI Press},

address = {Sydney, Australia},

}

@inproceedings{DBLP:Liu:ICLP:2008,

author = {Guohua Liu and

Jia-Huai You},

title = {Lparse Programs Revisited: Semantics and Representation

of Aggregates},

booktitle = {Logic Programming, 24th International Conference (ICLP 2008)},

year = {2008},

pages = {347-361},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {5366},

address = {Udine, Italy},

}

@inproceedings{DBLP:Tsarkov:ISWC:2004,

author = {Dmitry Tsarkov and

Alexandre Riazanov and

Sean Bechhofer and

Ian Horrocks},

title = {Using Vampire to Reason with \textsc{OWL}},

booktitle = {Proceedings of the 3rd International Semantic Web Conference (ISWC2004)},

year = {2004},

pages = {471-485},

publisher = {Springer},

address = {Hiroshima, Japan},

series = {Lecture Notes in Computer Science},

volume = {3298},

}

@article{DBLP:Chen:FI:1994,

author = {Jianhua Chen},

title = {The Logic of Only Knowing as a Unified Framework for Non-Monotonic

Reasoning},

journal = {Fundamenta Informaticae},

volume = {21},

number = {3},

year = {1994},

pages = {205-220},

}

@PHDTHESIS{Tobies:PhD:Thesis,

AUTHOR = {Stephan Tobies },

TITLE = {Complexity Results and Practical Algorithms for Logics in Knowledge Representation},

SCHOOL = {RWTH-Aachen, Germany},

YEAR = {2001},

source = {http://lat.inf.tu-dresden.de/research/phd/Tobies-PhD-2001.pdf},

}

@inproceedings{DBLP:conf/lpnmr/JanhunenNS09,

author = {Tomi Janhunen and

Ilkka Niemel{\"a} and

Mark Sevalnev},

title = {Computing Stable Models via Reductions to Difference Logic},

booktitle = {Logic Programming and Nonmonotonic Reasoning, 10th International

Conference, LPNMR 2009},

year = {2009},

pages = {277-289},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {5753},

address = {Potsdam, Germany},

}

@ARTICLE{Liuetal:AIJ:2010,

AUTHOR = {Lengning Liu and Enrico Pontelli and Tran Cao Son and Miroslaw Truszczy\'{n}ski},

TITLE = {Logic programs with abstract constraint atoms: The role of computations},

JOURNAL = {Artificial Intelligence},

YEAR = {2010},

volume = {174},

pages = {295-315},

}

@article{Keller1986,

title = {Foundationalism, Circular Justification, and the Levels Gambit},

author = {mes A. Keller},

journal = {Synthese},

jstor\_issuetitle = {Issues in Epistemology},

volume = {68},

number = {2},

pages = {205--212},

year = {1986},

}

@inproceedings{DBLP:Calimeri:IJCAI05,

author = {Francesco Calimeri and

Wolfgang Faber and

Nicola Leone and

Simona Perri},

title = {Declarative and Computational Properties of Logic Programs

with Aggregates},

booktitle = {Proceedings of the Nineteenth International Joint

Conference on Artificial Intelligence (IJCAI 2005)},

year = {2005},

pages = {406-411},

publisher = {Professional Book Center},

address = {Edinburgh, Scotland, UK},

}

@BOOK{ALEXANDER:book:1987,

AUTHOR = {Alexander Schrijver},

TITLE = {Theore of Linear and Integer Programming},

PUBLISHER = {John Wiley and Sons, New York},

YEAR = {1987},

}

@inproceedings{DBLP:Armando2004SAT,

author = {Alessandro Armando and

Claudio Castellini and

Enrico Giunchiglia and

Marco Maratea},

title = {A SAT-Based Decision Procedure for the Boolean Combination of Difference Constraints},

booktitle = {Theory and Applications of Satisfiability Testing, 7th International Conference, SAT 2004},

year = {2004},

pages = {16-29},

address = {Vancouver, BC, Canada},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {3542},

}

@article{DBLP:Nieuwenhuis:JACM:2006,

author = {Robert Nieuwenhuis and

Albert Oliveras and

Cesare Tinelli},

title = {Solving \textsc{SAT} and \textsc{SAT} Modulo Theories: From an abstract Davis--Putnam--Logemann--Loveland

procedure to \textsc{DPLL({\it T})}},

journal = {J. ACM},

volume = {53},

number = {6},

year = {2006},

pages = {937-977},

}

@inproceedings{DBLP:Burch:CAV:1994,

author = {Jerry R. Burch and

David L. Dill},

title = {Automatic verification of Pipelined Microprocessor Control},

booktitle = {Computer Aided Verification, 6th International Conference,

CAV '94},

year = {1994},

pages = {68-80},

address = {Stanford, California, USA},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {818},

}

@article{DBLP:Nieuwenhuis:IC:2007,

author = {Robert Nieuwenhuis and

Albert Oliveras},

title = {Fast congruence closure and extensions},

journal = {Information and Computation},

volume = {205},

number = {4},

year = {2007},

pages = {557-580},

}

@article{DBLP:Nelson:TPLS:1979,

author = {Greg Nelson and

Derek C. Oppen},

title = {Simplification by Cooperating Decision Procedures},

journal = {ACM Transactions on Programming Languages and Systems},

volume = {1},

number = {2},

year = {1979},

pages = {245-257},

}

@article{Nelson:JACM:1980,

author = {Greg Nelson and Derek C. Oppen},

title = {Fast Decision Procedures Based on Congruence Closure},

journal = {J. ACM},

volume = {27},

number = {2},

year = {1980},

pages = {356--364},

}

@INPROCEEDINGS{Fangzhen:forgetit,

author = {Fangzhen Lin and Ray Reiter},

title = {Forget It!},

booktitle = {In Proceedings of the AAAI Fall Symposium on Relevance},

year = {1994},

pages = {154--159},

publisher = {},

address = {New Orleans, US},

}

@article{DBLP:Zhang:AIJ2006,

author = {Yan Zhang and

Norman Y. Foo},

title = {Solving logic program conflict through strong and weak forgettings},

journal = {Artificial Intelligence},

volume = {170},

number = {8-9},

year = {2006},

pages = {739-778},

}

@article{DBLP:Eiter:AIJ:2008,

author = {Thomas Eiter and

Kewen Wang},

title = {Semantic forgetting in answer set programming},

journal = {Artificial Intelligence},

volume = {172},

number = {14},

year = {2008},

pages = {1644-1672},

}

@article{DBLP:Zhang:AIJ:2009,

author = {Yan Zhang and

Yi Zhou},

title = {Knowledge forgetting: Properties and applications},

journal = {Artificial Intelligence},

volume = {173},

number = {16-17},

year = {2009},

pages = {1525-1537},

}

@inproceedings{DBLP:Lifschitz:IJCAI:1991,

author = {Vladimir Lifschitz},

title = {Nonmonotonic Databases and Epistemic Queries},

booktitle = {Proceedings of the 12th International Joint Conference on Artificial Intelligence},

address = {Sydney, Australia},

publisher = {Morgan Kaufmann},

year = {1991},

pages = {381-386},

}

@article{DBLP:Lifschitz:AIJ:1994,

author = {Vladimir Lifschitz},

title = {Minimal Belief and Negation as Failure},

journal = {Artificial Intelligence},

volume = {70},

number = {1-2},

year = {1994},

pages = {53-72},

}

@article{DBLP:DAgostino:JAL:2006,

author = {Giovanna D'Agostino and

Giacomo Lenzi},

title = {On modal mu-calculus with explicit interpolants},

journal = {Journal of Applied Logic},

volume = {4},

number = {3},

year = {2006},

pages = {256-278},

}

@inproceedings{DBLP:Herzig:JELIA:2008,

author = {Andreas Herzig and

J{\'e}r{\^o}me Mengin},

title = {Uniform Interpolation by Resolution in Modal Logic},

booktitle = {Logics in Artificial Intelligence, 11th European Conference,

JELIA 2008},

address = {Dresden, Germany},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {5293},

year = {2008},

pages = {219-231},

}

@ARTICLE{DAgostino:synthese:2008,

AUTHOR = {Giovanna D'Agostino},

TITLE = {Interpolation in non-classical logics },

JOURNAL = {Synthese},

YEAR = {2008},

volume = {164},

number = {3},

pages = {421-435},

}

@article{DBLP:Lin:AIJ:1992,

author = {Fangzhen Lin and

Yoav Shoham},

title = {A Logic of Knowledge and Justified Assumptions},

journal = {Artificial Intelligence},

volume = {57},

number = {2-3},

year = {1992},

pages = {271-289},

}

@article{DBLP:Rosati:JAIR:1999,

author = {Riccardo Rosati},

title = {Reasoning about Minimal Belief and Negation as Failure},

journal = {J. Artif. Intell. Res. (JAIR)},

volume = {11},

year = {1999},

pages = {277-300},

}

@article{DBLP:Lin:AIJ:2001,

author = {Fangzhen Lin},

title = {On strongest necessary and weakest sufficient conditions},

journal = {Artificial Intelligence},

volume = {128},

number = {1-2},

year = {2001},

pages = {143-159},

}

@inproceedings{DBLP:Lierler:ICLP:2008,

author = {Yuliya Lierler},

title = {Abstract Answer Set Solvers},

booktitle = {ICLP},

year = {2008},

pages = {377-391},

ee = {http://dx.doi.org/10.1007/978-3-540-89982-2\_35},

crossref = {DBLP:conf/iclp/2008},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@proceedings{DBLP:conf/iclp/2008,

editor = {Maria Garcia de la Banda and

Enrico Pontelli},

title = {Logic Programming, 24th International Conference, ICLP 2008,

Udine, Italy, December 9-13 2008, Proceedings},

booktitle = {ICLP},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {5366},

year = {2008},

isbn = {978-3-540-89981-5},

ee = {http://dx.doi.org/10.1007/978-3-540-89982-2},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@INBOOK{Barrett:SMT:2008,

AUTHOR = {Clark Barrett, Roberto Sebastiani, Sanjit A. Seshia and Cesare Tinelli},

editor = {Armin Biere, Marijn Heule, Hans van Maaren and Toby Walsch},

TITLE = {Handbook of Satisfiability},

CHAPTER = {12. Satisfiability Modulo Theories},

pages = {737-797},

PUBLISHER = {IOS Press},

YEAR = {2008},

volume = {185},

series = {Frontiers in Artificial Intelligence and Applications},

}

@inproceedings{DBLP:Faber:JELIA:2004,

author = {Wolfgang Faber and

Nicola Leone and

Gerald Pfeifer},

title = {Recursive Aggregates in Disjunctive Logic Programs: Semantics

and Complexity},

booktitle = {Logics in Artificial Intelligence, 9th European Conference,

JELIA 2004},

year = {2004},

address = {Lisbon, Portugal},

pages = {200-212},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {3229},

}

@article{DBLP:Faber:TPLP:2008,

author = {Wolfgang Faber and

Gerald Pfeifer and

Nicola Leone and

Tina Dell'Armi and

Giuseppe Ielpa},

title = {Design and implementation of aggregate functions in the

DLV system},

journal = {Theory and Practice of Logic Programming},

volume = {8},

number = {5-6},

year = {2008},

pages = {545-580},

}

@inproceedings{DBLP:Bruijn:RR:2007,

author = {Jos de Bruijn and David Pearce and Axel Polleres and Agust\'{\i}n Valverde},

title = {Quantified Equilibrium Logic and Hybrid Rules},

booktitle = {Web Reasoning and Rule Systems, First International Conference,

RR 2007},

year = {2007},

pages = {58-72},

address = {Innsbruck, Austria},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {4524},

}

@article{DBLP:Eiter:TCL:2010,

author = {Thomas Eiter and

Mantas Simkus},

title = {\textsc{FDNC}: Decidable nonmonotonic disjunctive logic programs

with function symbols},

journal = {ACM Trans. Comput. Log.},

volume = {11},

number = {2},

year = {2010},

}

@article{DBLP:Tarjan:SIAM:1972,

author = {Robert Endre Tarjan},

title = {Depth-First Search and Linear Graph Algorithms},

journal = {SIAM J. Comput.},

volume = {1},

number = {2},

year = {1972},

pages = {146-160},

}

@proceedings{DBLP:lpnmr:2009,

editor = {Esra Erdem and

Fangzhen Lin and

Torsten Schaub},

title = {Logic Programming and Nonmonotonic Reasoning, 10th International

Conference, LPNMR 2009, Potsdam, Germany, September 14-18,

2009. Proceedings},

booktitle = {LPNMR},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {5753},

year = {2009},

}

@inproceedings{DBLP:Dao-Tran:ecsqaru:2009,

author = {Minh Dao-Tran and

Thomas Eiter and

Thomas Krennwallner},

title = {Realizing Default Logic over Description Logic Knowledge

Bases},

booktitle = {Symbolic and Quantitative Approaches to Reasoning with Uncertainty,

10th European Conference, ECSQARU 2009, Verona, Italy},

year = {2009},

pages = {602-613},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {5590},

}

@article{Yisong:ICLP:2010,

author = {Yisong Wang and Jia-Huai You and Liyan Yuan and Yi-Dong Shen},

title = {Loop Formulas for Description Logic Programs},

journal = {Theory and Practice of Logic Programming, 26th Int'l.

Conference on Logic Programming (ICLP'10) Special Issue},

editor = {M.~Hermenegildo and T.~Schaub},

year = {2010},

publisher = {Cambridge University Press},

volume = {10},

number = {4-6},

pages = {531-545},

}

@article{DBLP:Rubin74:JACM,

author = {Frank Rubin},

title = {A Search Procedure for Hamilton Paths and Circuits},

journal = {J. ACM},

volume = {21},

number = {4},

year = {1974},

pages = {576-580},

}

@article{DBLP:AngluinV79:JCSS,

author = {Dana Angluin and

Leslie G. Valiant},

title = {Fast Probabilistic Algorithms for Hamiltonian Circuits and

Matchings},

journal = {Journal of Computer and System Sciences},

volume = {18},

number = {2},

year = {1979},

pages = {155-193},

}

@MASTERSTHESIS{Narayanasamy:MS:2008,

AUTHOR = {Prabhu Narayanasamy},

TITLE = {A New Heuristic for the Hamiltonian Circuit Problem},

SCHOOL = {North Carolina State University},

YEAR = {2008},

source = {http://www.lib.ncsu.edu/theses/available/etd-12162008-115601/unrestricted/etd.pdf}

}

@ARTICLE{Yisong:JGuizhou:2009,

AUTHOR = {Yisong Wang and Kunpeng Wei},

TITLE = {A System for Normal Logic programs with Functions},

JOURNAL = {Journal of Guizhou University (Natural Sciences)},

YEAR = {2009},

volume = {26},

number = {2},

pages = {61--66},

}

@inproceedings{DBLP:Brewka:AAAI:07,

author = {Gerhard Brewka and Thomas Eiter},

title = {Equilibria in Heterogeneous Nonmonotonic Multi-Context Systems},

booktitle = {Proceedings of the Twenty-Second AAAI Conference on Artificial

Intelligence},

year = {2007},

pages = {385-390},

publisher = {AAAI Press},

address = {Vancouver, British Columbia, Canada},

}

@inproceedings{DBLP:Eiter:IJCAI05B,

author = {Thomas Eiter and

Giovambattista Ianni and

Roman Schindlauer and

Hans Tompits},

title = {A Uniform Integration of Higher-Order Reasoning and External

Evaluations in Answer-Set Programming},

booktitle = {Proceedings of the Nineteenth International Joint

Conference on Artificial Intelligence (IJCAI 2005)},

year = {2005},

pages = {90-96},

address = {Edinburgh, Scotland, UK},

publisher = {Professional Book Center},

}

@article{DBLP:Eiter:aicom:1999,

author = {Thomas Eiter and

Wolfgang Faber and

Nicola Leone and

Gerald Pfeifer},

title = {The Diagnosis Frontend of the dlv System},

journal = {AI Commun.},

volume = {12},

number = {1-2},

year = {1999},

pages = {99-111},

}

@inproceedings{DBLP:Eiter:IJCAI:05,

author = {Thomas Eiter and

Giovambattista Ianni and

Roman Schindlauer and

Hans Tompits},

title = {A Uniform Integration of Higher-Order Reasoning and External

Evaluations in Answer-Set Programming},

booktitle = {Proceedings of the Nineteenth International Joint

Conference on Artificial Intelligence (IJCAI 2005)},

year = {2005},

address = {Edinburgh, Scotland, UK},

pages = {90-96},

publisher = {Professional Book Center},

}

@article{DBLP:Drescher:TPLP:10,

author = {Christian Drescher and Toby Walsh},

title = {A translational approach to constraint answer set solving},

journal = {Theory and Practice of Logic Programming},

volume = {10},

number = {4-6},

year = {2010},

pages = {465-480},

}

@article{DBLP:Gelfond:AIJ:02,

author = {Michael Gelfond and

Nicola Leone},

title = {Logic programming and knowledge representation \-- The A-Prolog perspective},

journal = {Artificial Intelligence},

volume = {138},

number = {1-2},

year = {2002},

pages = {3-38},

}

@inproceedings{DBLP:Matti:LPNMR:09,

author = {Matti J{\"a}rvisalo and

Emilia Oikarinen and

Tomi Janhunen and

Ilkka Niemel{\"a}},

title = {A Module-Based Framework for Multi-language Constraint Modeling},

booktitle = {Logic Programming and Nonmonotonic Reasoning, 10th International

Conference},

year = {2009},

pages = {155-168},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {5753},

}

@article{DBLP:Dovier:2009,

author = {Agostino Dovier and

Andrea Formisano and

Enrico Pontelli},

title = {An empirical study of constraint logic programming and answer

set programming solutions of combinatorial problems},

journal = {Journal of Experimental \& Theoretical Artificial Intelligence},

volume = {21},

number = {2},

year = {2009},

pages = {79-121},

}

@inproceedings{DBLP:Bessiere:IJCAI:2009,

author = {Christian Bessiere and

George Katsirelos and

Nina Narodytska and

Claude-Guy Quimper and

Toby Walsh},

title = {Decompositions of All Different, Global Cardinality and

Related Constraints},

booktitle = {Proceedings of the 21st International Joint Conference on Artificial Intelligence},

year = {2009},

pages = {419-424},

address = {Pasadena, California, USA},

}

@article{DBLP:Liu:FI:2010,

author = {Guohua Liu and

Jia-Huai You},

title = {Level Mapping Induced Loop Formulas for Weight Constraint and Aggregate Logic Programs},

journal = {Fundamenta Informaticae},

volume = {101},

number = {3},

year = {2010},

pages = {237-255},

}

@inproceedings{DBLP:Eiter:AAAI:2010,

author = {Thomas Eiter and

Wolfgang Faber and

Mushthofa Mushthofa},

title = {Space Efficient Evaluation of ASP Programs with Bounded Predicate Arities},

booktitle = {Proceedings of the Twenty-Fourth AAAI Conference on Artificial Intelligence},

year = {2010},

address = {Atlanta, Georgia, USA},

pages = {303-308},

publisher = {AAAI Press},

}

@inproceedings{DBLP:conf/pricai/ShiraiH04,

author = {Yasuyuki Shirai and

Ryuzo Hasegawa},

title = {Answer Set Computation Based on a Minimal Model Generation

Theorem Prover},

booktitle = {Trends in Artificial Intelligence, 8th Pacific Rim International Conference on Artificial Intelligence},

address = {Auckland, New Zealand},

year = {2004},

pages = {43-52},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {3157},

}

@article{DBLP:Lukasiewicz:TKDE:10,

author = {Thomas Lukasiewicz},

title = {A Novel Combination of Answer Set Programming with Description

Logics for the Semantic Web},

journal = {IEEE Transactions on Knowledge and Data Engineering},

volume = {22},

number = {11},

year = {2010},

pages = {1577-1592},

}

@inproceedings{DBLP:Fink:JELIA:2010,

author = {Michael Fink and

David Pearce},

title = {A Logical Semantics for Description Logic Programs},

booktitle = {Logics in Artificial Intelligence - 12th European Conference,

JELIA 2010},

year = {2010},

pages = {156-168},

address = {Helsinki, Finland},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {6341},

}

@article{DBLP:TOCL:Analyti:2011,

author = {Anastasia Analyti and

Grigoris Antoniou and

Carlos Viegas Dam{\'a}sio},

title = {\textsc{MW}eb: A principled framework for modular web rule bases

and its semantics},

journal = {ACM Transactions on Computational Logic (TOCL)},

volume = {12},

number = {2},

year = {2011},

pages = {17:1-17:46},

}

@inproceedings{DBLP:Gebser:LPNMR:2007,

author = {Martin Gebser and

Benjamin Kaufmann and

Andr{\'e} Neumann and

Torsten Schaub},

title = {Conflict-Driven Answer Set Enumeration},

booktitle = {Logic Programming and Nonmonotonic Reasoning, 9th International

Conference, LPNMR 2007},

year = {2007},

pages = {136-148},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {4483},

address = {Tempe, AZ, USA},

}

@article{DBLP:Marek:TPLP:08,

author = {Victor W. Marek and

Ilkka Niemel{\"a} and

Miroslaw Truszczynski},

title = {Logic programs with monotone abstract constraint atoms},

journal = {Theory and Practice of Logic Programming (TPLP)},

volume = {8},

number = {2},

year = {2008},

pages = {167-199},

}

@article{DBLP:Oikarinen:TPLP:2008,

author = {Emilia Oikarinen and

Tomi Janhunen},

title = {Achieving compositionality of the stable model semantics for smodels programs},

journal = {Theory and Practice of Logic Programming (TPLP)},

volume = {8},

number = {5-6},

year = {2008},

pages = {717-761},

}

@inproceedings{DBLP:Eiter:ESWC:2006,

author = {Thomas Eiter and

Giovambattista Ianni and

Roman Schindlauer and

Hans Tompits},

title = {Effective Integration of Declarative Rules with External

Evaluations for Semantic-Web Reasoning},

booktitle = {The Semantic Web: Research and Applications, 3rd European

Semantic Web Conference, ESWC 2006},

year = {2006},

pages = {273-287},

address = {Budva, Montenegro},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {4011},

}

@article{Khardon:JAIR:1995,

author = {Roni Khardon},

title = {Translating between Horn Representations and their Characteristic

Models},

journal = {J. Artif. Intell. Res. (JAIR)},

volume = {3},

year = {1995},

}

@article{Liberatore:AIJ:2008,

author = {Paolo Liberatore},

title = {Redundancy in logic \textsc{II}: \textsc{2CNF} and Horn propositional formulae},

journal = {Artif. Intell.},

volume = {172},

number = {2-3},

year = {2008},

pages = {265-299},

}

@article{Selman:AIJ:1996,

author = {Bart Selman and

Hector J. Levesque},

title = {Support Set Selection for Abductive and Default Reasoning},

journal = {Artif. Intell.},

volume = {82},

number = {1-2},

year = {1996},

pages = {259-272},

}

@article{Lakemeyer:AIJ:1997,

author = {Gerhard Lakemeyer},

title = {Relevance from an Epistemic Perspective},

journal = {Artificial Intelligence},

volume = {97},

number = {1-2},

year = {1997},

pages = {137-167},

}

@article{Dechter:AIJ:1992,

author = {Rina Dechter and

Judea Pearl},

title = {Structure Identification in Relational Data},

journal = {Artif. Intell.},

volume = {58},

number = {1-3},

year = {1992},

pages = {237-270},

}

@article{Khardon:AIJ:1996,

author = {Roni Khardon and

Dan Roth},

title = {Reasoning with Models},

journal = {Artif. Intell.},

volume = {87},

number = {1-2},

year = {1996},

pages = {187-213},

}

@article{McKinsey:JSL:1943,

author = {J. C. C. McKinsey},

title = {The Decision Problem for Some Classes of Sentences Without Quantifiers},

journal = {J. Symb. Log.},

volume = {8},

number = {2},

year = {1943},

pages = {61-76},

}

@inproceedings{Kautz:AAAI:1993,

author = {Henry A. Kautz and

Michael J. Kearns and

Bart Selman},

title = {Reasoning With Characteristic Models},

booktitle = {the 11th National Conference on Artificial Intelligence},

year = {1993},

address = {Washington, DC, USA},

pages = {34-39},

publisher = {The AAAI Press/The MIT Press},

}

@article{Kautz:AIJ:1995,

author = {Henry A. Kautz and

Michael J. Kearns and

Bart Selman},

title = {Horn Approximations of Empirical Data},

journal = {Artif. Intell.},

volume = {74},

number = {1},

year = {1995},

pages = {129-145},

}

@article{Eiter:JACM:1995,

author = {Thomas Eiter and

Georg Gottlob},

title = {The Complexity of Logic-Based Abduction},

journal = {J. ACM},

volume = {42},

number = {1},

year = {1995},

pages = {3-42},

}

@inproceedings{Selman:AAAI:1990,

author = {Bart Selman and

Hector J. Levesque},

title = {Abductive and Default Reasoning: A Computational Core},

booktitle = {the 8th National Conference on Artificial Intelligence},

year = {1990},

pages = {343-348},

address = {Boston, Massachusetts},

publisher = { AAAI Press / The MIT Press},

}

@article{Hammer:IPL:1992,

author = "Peter L. Hammer and Alexander Kogan",

title = "Horn functions and their DNFs",

journal = "Information Processing Letters",

volume = "44",

number = "1",

pages = "23 - 29",

year = "1992",

}

@article{Hammer:AIJ:1993,

author = {Peter L. Hammer and

Alexander Kogan},

title = {Optimal Compression of Propositional Horn Knowledge Bases:

Complexity and Approximation},

journal = {Artif. Intell.},

volume = {64},

number = {1},

year = {1993},

pages = {131-145},

}

@article{Eiter:JACM:2007,

author = {Thomas Eiter and

Kazuhisa Makino},

title = {On computing all abductive explanations from a propositional

Horn theory},

journal = {J. ACM},

volume = {54},

number = {5},

year = {2007},

}

@INBOOK{Marquis:1999:handbook,

AUTHOR = {Pierre Marquis},

//editor = {Dov M Gabbay, Philippe Smets},

TITLE = {Handbook of Defeasible Reasoning and Uncertainty Management Systems:

Algorithms for Defeasible and Uncertain Reasoning},

CHAPTER = {Consequence finding algorithms},

pages = {41-145},

PUBLISHER = {Kluwer Academic Publishers},

YEAR = {1999},

address = {},

volume = {5},

}

@BOOK{Fagin:1995,

AUTHOR = {Ronald Fagin and Joseph Y. Halpern and Yoram Moses and Moshe Vardi},

TITLE = {Reasoning About Knowledge},

PUBLISHER = {London: The MIT Press},

YEAR = {1995},

}

@article{Kaile:JAIR:2009,

author = {Kaile Su and

Abdul Sattar and

Guanfeng Lv and

Yan Zhang},

title = {Variable Forgetting in Reasoning about Knowledge},

journal = {Journal of Artificial Intelligence Research},

volume = {35},

year = {2009},

pages = {677-716},

}

@article{Ditmarsch:Synthese:2009,

author = {Hans P. van Ditmarsch and

Andreas Herzig and

J{\'e}r{\^o}me Lang and

Pierre Marquis},

title = {Introspective forgetting},

journal = {Synthese},

volume = {169},

number = {2},

year = {2009},

pages = {405-423},

}

@inproceedings{Cheng:AI:2006,

author = {Fu-Leung Cheng and

Thomas Eiter and

Nathan Robinson and

Abdul Sattar and

Kewen Wang},

title = {LPForget: A System of Forgetting in Answer Set Programming},

booktitle = {AI 2006: Advances in Artificial Intelligence, 19th Australian

Joint Conference on Artificial Intelligence},

year = {2006},

pages = {1101-1105},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {4304},

address = {Hobart, Australia},

}

@inproceedings{Packer:IJCAI:2011,

author = {Heather S. Packer and

Nicholas Gibbins and

Nicholas R. Jennings},

title = {An On-Line Algorithm for Semantic Forgetting},

booktitle = {IJCAI 2011, Proceedings of the 22nd International Joint

Conference on Artificial Intelligence},

year = {2011},

pages = {2704-2709},

publisher = {IJCAI/AAAI},

address = {Barcelona, Catalonia, Spain},

}

@inproceedings{ZhouYi:AAAI:2011,

author = {Yi Zhou and

Yan Zhang},

title = {Bounded Forgetting},

booktitle = {Proceedings of the Twenty-Fifth AAAI Conference on Artificial

Intelligence, AAAI 2011},

year = {2011},

publisher = {AAAI Press},

address = {San Francisco, California, USA},

pages = {280-285},

}

@inproceedings{Zhang:KR:2010,

author = {Yan Zhang and

Yi Zhou},

title = {Forgetting Revisited},

booktitle = {Principles of Knowledge Representation and Reasoning: Proceedings

of the Twelfth International Conference, KR 2010},

address = {Toronto, Ontario, Canada},

publisher = {AAAI Press},

year = {2010},

pages = {602-604},

}

@article{Lang:AIJ:2010,

author = {J{\'e}r{\^o}me Lang and

Pierre Marquis},

title = {Reasoning under inconsistency: \textsc{A} forgetting-based approach},

journal = {Artificial Intelligence},

volume = {174},

number = {12-13},

year = {2010},

pages = {799-823},

}

@article{lin-chen:JAIR07,

author = {Fangzhen Lin and Yin Chen},

title = {Discovering Classes of Strongly Equivalent Logic Programs},

journal = {Journal of Artificial Intelligence Research},

volume = {28},

year = {2007},

pages = {431-451},

}

@article{Subrahmanian:TKDE:1995,

author = {V. S. Subrahmanian and

Dana S. Nau and

Carlo Vago},

title = {WFS + Branch and Bound = Stable Models},

journal = {IEEE Trans. Knowl. Data Eng.},

volume = {7},

number = {3},

year = {1995},

pages = {362-377},

}

@article{Leone:IC:1997,

author = {Nicola Leone and

Pasquale Rullo and

Francesco Scarcello},

title = {Disjunctive Stable Models: Unfounded Sets, Fixpoint Semantics,

and Computation},

journal = {Inf. Comput.},

volume = {135},

number = {2},

year = {1997},

pages = {69-112},

}

@article{Leone:TOCL:2006,

author = {Nicola Leone and

Gerald Pfeifer and

Wolfgang Faber and

Thomas Eiter and

Georg Gottlob and

Simona Perri and

Francesco Scarcello},

title = {The DLV system for knowledge representation and reasoning},

journal = {ACM Trans. Comput. Log.},

volume = {7},

number = {3},

year = {2006},

pages = {499-562},

}

@ARTICLE{Alviano:JAIR:2011,

AUTHOR = {Mario Alviano and Francesco Calimeri and Wolfgang Faber and Nicola Leone and Simona Perri},

TITLE = {Unfounded Sets and Well-Founded Semantics of Answer Set Programs with Aggregates},

JOURNAL = {Journal of Artificial Intelligence Research },

YEAR = {2011},

volume = {42},

pages = {487-527},

}

@inproceedings{Gelder:PODS:1992,

author = {Allen Van Gelder},

title = {The Well-Founded Semantics of Aggregation},

booktitle = {Proceedings of the Eleventh ACM SIGACT-SIGMOD-SIGART Symposium

on Principles of Database Systems},

publisher = {ACM Press},

address = {San Diego, California},

year = {1992},

pages = {127-138},

}

@INPROCEEDINGS{Kemp:ISLP:1991,

AUTHOR = {David B. Kemp and Peter J. Stuckey},

TITLE = {Semantics of Logic Programs with Aggregates},

BOOKTITLE = {Logic Programming, Proceedings of the 1991 International Symposium},

YEAR = {1991},

pages = {387-401},

address = {San Diego, California, USA},

publisher = {MIT Press},

}

@MASTERSTHESIS{Kunpeng:2011,

AUTHOR = {Kunpeng Wei},

TITLE = {The Well-founded Semantic of Logic Programs with Abstract Constraints},

SCHOOL = {Guizhou University},

YEAR = {2011},

note = {(In Chinese)},

}

@inproceedings{Cabalar:CSR:2009,

author = {Pedro Cabalar and

Sergei P. Odintsov and

David Pearce},

title = {Well-Founded and Partial Stable Semantics Logical Aspects},

booktitle = {Computer Science - Theory and Applications, Fourth International

Computer Science Symposium in Russia, CSR 2009},

year = {2009},

pages = {1-11},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {5675},

address = {Novosibirsk, Russia},

}

@INPROCEEDINGS{Yisong:ICAIC:2011,

AUTHOR = {Yisong Wang and Mingyi Zhang},

TITLE = {Answer set programming modulo theories},

BOOKTITLE = {Applied Informatics and Communication - International Conference},

YEAR = {2011},

pages = {655-661},

address = {Xi'an, China},

publisher = {Springer Verlag},

}

@INPROCEEDINGS{Janhunen:GTTV:2011,

AUTHOR = {Tomi Janhunen and Guohua Liu and Ilkka Niemel\"{a}},

TITLE = {Tight integration of non-ground answer set programming and satisfiability modulo theories},

BOOKTITLE = {Working Notes of Grounding and Transformations for Theories with Variables},

YEAR = {2011},

pages = {1-13},

address = {Vancouver, Canada},

}

@article{Niemela:AMAI:2008,

author = {Ilkka Niemel{\"a}},

title = {Stable models and difference logic},

journal = {Annals of Mathematics and Artificial Intelligence},

volume = {53},

number = {1-4},

year = {2008},

pages = {313-329},

}

@article{Delgrande:JAIR:2008,

author = {James P. Delgrande and

Yi Jin and

Francis Jeffry Pelletier},

title = {Compositional Belief Update},

journal = {Journal of Artificial Intelligence Research},

volume = {32},

year = {2008},

pages = {757-791},

}

@inproceedings{Coste-Marquis:JELIA:2008,

author = {Sylvie Coste-Marquis and

Pierre Marquis},

title = {Recovering Consistency by Forgetting Inconsistency},

booktitle = {JELIA},

year = {2008},

pages = {113-125},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {5293},

address = {Dresden, Germany},

}

@inproceedings{Konev:IJCAI:2009,

author = {Boris Konev and

Dirk Walther and

Frank Wolter},

title = {Forgetting and Uniform Interpolation in Large-Scale Description

Logic Terminologies},

booktitle = {IJCAI 2009, Proceedings of the 21st International Joint

Conference on Artificial Intelligence},

year = {2009},

pages = {830-835},

address = {Pasadena, California, USA},

}

@inproceedings{Kontchakov:KR:2008,

author = {Roman Kontchakov and

Frank Wolter and

Michael Zakharyaschev},

title = {Can You Tell the Difference Between \textrm{DL-Lite} Ontologies?},

booktitle = {Principles of Knowledge Representation and Reasoning: Proceedings

of the Eleventh International Conference, KR 2008},

year = {2008},

pages = {285-295},

publisher = {AAAI Press},

address = {Sydney, Australia},

}

@inproceedings{Eiter:AAAI:2006,

author = {Thomas Eiter and

Kewen Wang},

title = {Forgetting and Conflict Resolving in Disjunctive Logic Programming},

booktitle = {Proceedings, The Twenty-First National Conference on Artificial

Intelligence and the Eighteenth Innovative Applications

of Artificial Intelligence Conference},

year = {2006},

pages = {238-243},

publisher = {AAAI Press},

address = {Boston, Massachusetts, USA},

}

@inproceedings{Lang:KR:2002,

author = {J{\'e}r{\^o}me Lang and

Pierre Marquis},

title = {Resolving Inconsistencies by Variable Forgetting},

booktitle = {Proceedings of the Eights International Conference on Principles

and Knowledge Representation and Reasoning (KR-02)},

year = {2002},

address = {Toulouse, France},

pages = {239-250},

publisher = {Morgan Kaufmann},

}

@inproceedings{Nayak:AUSAI:2006,

author = {Abhaya C. Nayak and

Yin Chen and

Fangzhen Lin},

title = {Forgetting and Knowledge Update},

booktitle = {AI 2006: Advances in Artificial Intelligence, 19th Australian

Joint Conference on Artificial Intelligence},

year = {2006},

address = {Hobart, Australia},

publisher = {Springer},

series = {Lecture Notes in Computer Science},

volume = {4304},

pages = {131-140},

}

@InProceedings{Nayak:DSP:2007:1213,

author = {Abhaya Nayak and Yin Chen and Fangzhen Lin},

title = {Forgetting and Update -- an exploration},

booktitle = {Formal Models of Belief Change in Rational Agents},

year = {2007},

editor = {Giacomo Bonanno and James Delgrande and J{\'e}r{\^o}me Lang and Hans Rott},

number = {07351},

series = {Dagstuhl Seminar Proceedings},

publisher = {Internationales Begegnungs- und Forschungszentrum f{\"u}r Informatik (IBFI), Schloss Dagstuhl, Germany},

address = {Dagstuhl, Germany},

}

@article{DBLP:journals/jair/DelgrandeJP08,

author = {James P. Delgrande and

Yi Jin and

Francis Jeffry Pelletier},

title = {Compositional Belief Update},

journal = {J. Artif. Intell. Res. (JAIR)},

volume = {32},

year = {2008},

pages = {757-791},

ee = {http://dx.doi.org/10.1613/jair.2539},

bibsource = {DBLP, http://dblp.uni-trier.de}

}

@ARTICLE{Lang:AIJ:2008,

AUTHOR = {J{\'e}r{\^o}me Lang and

Pierre Marquis},

TITLE = {On propositional definability},

JOURNAL = {Artif. Intell.},

YEAR = {2008},

volume = {172},

number = {8-9},

pages = {991-1017},

}