



















## REFERENCES

- [1] Grigoris Antoniou. 2006. Defeasible reasoning: A discussion of some intuitions. *International Journal of Intelligent Systems* 21, 6 (2006), 545–558. <https://doi.org/10.1002/int.20147>
- [2] Grigoris Antoniou, David Billington, Guido Governatori, Michael J Maher, and Andrew Rock. 2000. A Family of Defeasible Reasoning Logics and its Implementation. In *Proceedings of the 14th European Conference on Artificial Intelligence*. 459–463.
- [3] Grigoris Antoniou, David Billington, and Michael J Maher. 1999. On the analysis of regulations using defeasible rules. In *Systems Sciences, 1999. HICSS-32. Proceedings of the 32nd Annual Hawaii International Conference on. IEEE*, 7–pp.
- [4] Jean-François Baget, Michel Leclère, Marie-Laure Mugnier, and Eric Salvat. 2011. On rules with existential variables: Walking the decidability line. *Artificial Intelligence* 175, 9-10 (2011), 1620–1654.
- [5] Nick Bassiliades, Grigoris Antoniou, and Ioannis Vlahavas. 2006. A defeasible logic reasoner for the semantic web. *International Journal on Semantic Web and Information Systems (IJSWIS)* 2, 1 (2006), 1–41.
- [6] David Billington. 1993. Defeasible Logic is Stable. *Journal of logic and computation* 3, 4 (1993), 379–400.
- [7] David Billington. 2008. Propositional clausal defeasible logic. *Logics in Artificial Intelligence (2008)*, 34–47.
- [8] Gerhard Brewka and Stefan Woltran. 2010. Abstract dialectical frameworks. In *Twelfth International Conference on the Principles of Knowledge Representation and Reasoning*.
- [9] Ruth M J Byrne. 1989. Suppressing valid inferences with conditionals. *Cognition* 31, 1 (1989), 61–83.
- [10] Andrea Cali, Georg Gottlob, and Thomas Lukasiewicz. 2012. A general datalog-based framework for tractable query answering over ontologies. *Web Semantics: Science, Services and Agents on the World Wide Web* 14 (2012), 57–83.
- [11] Emmanuelle-Anna Dietz, Steffen Hölldobler, and Christoph Wernhard. 2014. Modeling the suppression task under weak completion and well-founded semantics. *Journal of Applied Non-Classical Logics* 24, 1-2 (2014), 61–85.
- [12] Marlon Dumas, Guido Governatori, Arthur H M Hofstede, and Phillipa Oaks. 2002. A Formal Approach to Negotiating Agents. *Electronic commerce research and applications* 1, 2 (2002), 193–207.
- [13] Phan Minh Dung. 1995. On the acceptability of arguments and its fundamental role in nonmonotonic reasoning, logic programming and n-person games. *Artificial intelligence* 77, 2 (1995), 321–357.
- [14] Alejandro J Garcia and Guillermo R Simari. 2004. Defeasible logic programming: An argumentative approach. *Theory and practice of logic programming* 4, 1+ 2 (2004), 95–138.
- [15] Diego R Garcia, Alejandro J Garcia, and Guillermo R Simari. 2007. Planning and defeasible reasoning. In *Proceedings of the 6th international joint conference on Autonomous agents and multiagent systems*. ACM, 856–858.
- [16] Guido Governatori, Micheal J Maher, Grigoris Antoniou, and David Billington. 2004. Argumentation Semantics for Defeasible Logic. *Journal of Logic and Computation* 14, 5 (2004), 675–702. <https://doi.org/10.1093/logcom/14.5.675.1>
- [17] Benjamin N Grosf, Yannis Labrou, and Hoi Y Chan. 1999. A declarative approach to business rules in contracts: courteous logic programs in XML. In *Proceedings of the 1st ACM conference on Electronic commerce*. ACM, 68–77.
- [18] Abdelraouf Hecham, Madalina Croitoru, and Pierre Bisquert. 2017. Argumentation-Based Defeasible Reasoning For Existential Rules. In *Proceedings of the 16th Conference on Autonomous Agents and MultiAgent Systems*. 1568–1569.
- [19] John F Horty, D S Touretzky, and R H Thomason. 1987. A clash of intuitions: the current state of nonmonotonic multiple inheritance systems. In *Proceedings of the Tenth International Joint Conference on Artificial Intelligence*. 476–482.
- [20] Michael J Maher, Andrew Rock, Grigoris Antoniou, David Billington, and Tristan Miller. 2001. Efficient defeasible reasoning systems. *International Journal on Artificial Intelligence Tools* 10, 04 (2001), 483–501.
- [21] Frederick Maier and Donald Nute. 2010. Well-founded semantics for defeasible logic. November 2008 (2010), 243–274. <https://doi.org/10.1007/s11229-009-9492-1>
- [22] David Makinson and Karl Schlechta. 1991. Floating conclusions and zombie paths: two deep difficulties in the “directly skeptical” approach to defeasible inheritance nets. *Artificial intelligence* 48, 2 (1991), 199–209.
- [23] Maria Vanina Martinez, Ariel Cristhian David Deagustini, Marcelo A Falappa, and Guillermo Ricardo Simari. 2014. Inconsistency-Tolerant Reasoning in Datalog +- Ontologies via an Argumentative Semantics. In *IBERAMIA*, Vol. 14. 15–27. <https://doi.org/10.1007/978-3-319-12027-0>
- [24] Leora Morgenstern. 1998. Artificial Intelligence Inheritance comes of age : applying nonmonotonic techniques to problems in industry. *Artificial Intelligence* 103 (1998), 237–271.
- [25] Donald Nute. 1988. *Defeasible reasoning: a philosophical analysis in prolog*. Springer.
- [26] Henry Prakken. 2002. Intuitions and the modelling of defeasible reasoning: some case studies. In *Ninth Int Workshop on Nonmonotonic Reasoning*. Toulouse, 91–99. [arXiv:cs/0207031](https://arxiv.org/abs/cs/0207031)
- [27] Henry Prakken. 2010. An abstract framework for argumentation with structured arguments. *Argument and Computation* 1, 2 (2010), 93–124.
- [28] Henry Prakken and Giovanni Sartor. 1997. Argument-based extended logic programming with defeasible priorities. *Journal of applied non-classical logics* 7, 1-2 (1997), 25–75.
- [29] Marco Ragni, Christian Eichhorn, Tanja Bock, Gabriele Kern-Isberner, and Alice Ping Ping Tse. 2017. Formal Nonmonotonic Theories and Properties of Human Defeasible Reasoning. *Minds and Machines* 27, 1 (2017), 79–117. <https://doi.org/10.1007/s11023-016-9414-1>
- [30] Keith Stenning and Michiel Van Lambalgen. 2012. *Human reasoning and cognitive science*. MIT Press.
- [31] Guizhen Yang, Michael Kifer, and Chang Zhao. 2003. Flora-2: A Rule-Based Knowledge Representation and Inference Infrastructure for the Semantic Web. In *On The Move to Meaningful Internet Systems 2003: CoopIS, DOA, and ODBASE (2003)*, 671–688.