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## REFERENCES

- [1] Th. Ågotnes, V. Goranko, and W. Jamroga. 2007. Alternating-time Temporal Logics with Irrevocable Strategies. In *Proc. of TARK XI*. Presses Universitaires de Louvain, Univ. Saint-Louis, Brussels, 15–24.
- [2] T. Ågotnes, V. Goranko, and W. Jamroga. 2008. *Strategic Commitment and Release in Logics for Multi-Agent Systems (Extended abstract)*. Technical Report IfI-08-01. Clausthal University of Technology.
- [3] R. Alur, T. A. Henzinger, and O. Kupferman. 2002. Alternating-Time Temporal Logic. *J. ACM* 49, 5 (2002), 672–713.
- [4] Thomas Brihaye, Arnaud Da Costa Lopes, François Laroussinie, and Nicolas Markey. 2009. ATL with Strategy Contexts and Bounded Memory. In *Proc. of LFCS'2009 (LNCS)*, S. Artëmov and A. Nerode (Eds.), Vol. 5407. Springer, 92–106.
- [5] Dana Fisman, Orna Kupferman, and Yoav Lustig. 2010. Rational Synthesis. In *Proc. of TACAS 2010*. 190–204. [https://doi.org/10.1007/978-3-642-12002-2\\_16](https://doi.org/10.1007/978-3-642-12002-2_16)
- [6] V. Goranko, W. Jamroga, and P. Turrini. 2013. Strategic Games and Truly Playable Effectivity Functions. *Journal of Autonomous Agents and Multi-Agent Systems* 26, 2 (2013), 288–314.
- [7] V. Goranko and G. van Drimmelen. 2006. Complete Axiomatization and Decidability of Alternating-time temporal logic. *Theor. Comp. Sci.* 353 (2006), 93–117.
- [8] Fabio Mogavero, Aniello Murano, Giuseppe Perelli, and Moshe Y. Vardi. 2017. Reasoning about Strategies: on the Satisfiability Problem. *Logical Methods in Computer Science* 13, 1 (2017).
- [9] Fabio Mogavero, Aniello Murano, and Moshe Y. Vardi. 2010. Reasoning About Strategies. In *Proc. of FSTTCS 2010 (LIPIcs)*, Vol. 8. Schloss Dagstuhl - Leibniz-Zentrum fuer Informatik, 133–144.
- [10] Rohit Parikh. 1985. The logic of games and its applications. *North-Holland Mathematics Studies* 102 (1985), 111–139.
- [11] M. Pauly. 2001. *Logic for Social Software*. Ph.D. Dissertation. University of Amsterdam.
- [12] M. Pauly. 2002. A Modal Logic for Coalitional Power in Games. *Journal of Logic and Computation* 12, 1 (2002), 149–166.
- [13] Nicolas Troquard, Wiebe van der Hoek, and Michael Wooldridge. 2009. A logic of games and propositional control. In *Proc. of AAMAS 2009, Volume 2*. IFAAMAS, 961–968.
- [14] Johan van Benthem, Nick Bezhanishvili, and Sebastian Enqvist. 2017. A Propositional Dynamic Logic for Instantial Neighborhood Models. In *Proc. of LORI 2017 (Lecture Notes in Computer Science)*, Vol. 10455. Springer, 137–150.
- [15] Johan van Benthem, Nick Bezhanishvili, Sebastian Enqvist, and Junhua Yu. 2017. Instantial Neighbourhood Logic. *Reviews of Symbolic Logic* 10, 1 (2017), 116–144.
- [16] Wiebe van der Hoek and Michael Wooldridge. 2005. On the logic of cooperation and propositional control. *Artif. Intell.* 164, 1-2 (2005), 81–119. <https://doi.org/10.1016/j.artint.2005.01.003>
- [17] Michael Wooldridge, Julian Gutierrez, Paul Harrenstein, Enrico Marchioni, Giuseppe Perelli, and Alexis Toumi. 2016. Rational Verification: From Model Checking to Equilibrium Checking. In *Proc. of AAI 2016*. 4184–4191. <http://www.aaai.org/ocs/index.php/AAAI/AAAI16/paper/view/12268>