

REFERENCES

- [1] Carlos Ansótegui, Meinolf Sellmann, and Kevin Tierney. 2009. A Gender-Based Genetic Algorithm for the Automatic Configuration of Algorithms. In *Principles and Practice of Constraint Programming - CP 2009*, Ian P. Gent (Ed.), Springer Berlin Heidelberg, Berlin, Heidelberg, 142–157.
- [2] Reyhan Aydoğan, David Festen, Koen V. Hindriks, and Catholijn M. Jonker. 2017. Alternating offers protocols for multilateral negotiation. In *Studies in Computational Intelligence*. Vol. 674. Springer, 153–167. https://doi.org/10.1007/978-3-319-51563-2_10
- [3] T. Baarslag. 2014. *What to bid and when to stop*. 338 pages. <https://doi.org/10.4233/uuid:3df6e234-a7c1-4d8e-9eb9-baadabc04bca>
- [4] Tim Baarslag, Reyhan Aydoğan, Koen V. Hindriks, Katsuhide Fujita, Takayuki Ito, and Catholijn M. Jonker. 2015. The Automated Negotiating Agents Competition, 2010–2015. *AI Magazine* 36, 4 (2015), 2010–2014. <https://doi.org/10.1609/aimag.v36i4.2609>
- [5] Tim Baarslag, Mark Hendriks, Koen Hindriks, and Catholijn Jonker. 2013. Predicting the performance of opponent models in automated negotiation. In *Proceedings - 2013 IEEE/WIC/ACM International Conference on Intelligent Agent Technology, IAT 2013*, Vol. 2. IEEE, 59–66. <https://doi.org/10.1109/WI-IAT.2013.91>
- [6] Tim Baarslag, Koen Hindriks, and Catholijn Jonker. 2011. Towards a quantitative concession-based classification method of negotiation strategies. *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)* 7047 LNAI (2011), 143–158. https://doi.org/10.1007/978-3-642-25044-6_13
- [7] Tim Baarslag, Koen Hindriks, and Catholijn Jonker. 2014. Effective acceptance conditions in real-time automated negotiation. *Decision Support Systems* 60, 1 (2014), 68–77. <https://doi.org/10.1016/j.dss.2013.05.021>
- [8] Tim Baarslag, Koen Hindriks, Catholijn Jonker, Sarit Kraus, and Raz Lin. 2012. The first automated negotiating agents competition (ANAC 2010). *Studies in Computational Intelligence* 383, Anac (2012), 113–135. https://doi.org/10.1007/978-3-642-24696-8_7
- [9] Prasanna Balaprakash, Mauro Birattari, and Thomas Stützle. 2007. Improvement strategies for the F-Race algorithm: Sampling design and iterative refinement. *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)* 4771 (2007), 108–122. https://doi.org/10.1007/978-3-540-75514-2_9
- [10] Mauro Birattari, Zhi Yuan, Prasanna Balaprakash, and Thomas Stützle. 2010. F-Race and Iterated F-Race: An Overview. In *Experimental Methods for the Analysis of Optimization Algorithms*, Thomas Bartz-Beielstein, Marco Chiarandini, Luis Paquete, and Mike Preuss (Eds.), Springer Berlin Heidelberg, 311–336. https://doi.org/10.1007/978-3-642-02538-9_13
- [11] Garrett Dworman, Steven O. Kimbrough, and James D. Laing. 1996. Bargaining by artificial agents in two coalition games: A study in genetic programming for electronic commerce. *Proceedings of the First Annual Conference on Genetic Programming* (1996), 54–62. <http://portal.acm.org/citation.cfm?id=1595536.1595544>
- [12] T. Eymann. 2001. Co-evolution of bargaining strategies in a decentralized multi-agent system. *AAAI Fall 2001 Symposium on Negotiation Methods for Autonomous Cooperative Systems* (2001), 126–134. <http://www.aaai.org/Papers/Symposia/Fall/2001/FS-01-03/FS01-03-016.pdf>
- [13] John Henry Holland. 1992. *Adaptation in natural and artificial systems: an introductory analysis with applications to biology, control, and artificial intelligence*. MIT press. 232 pages.
- [14] Frank Hutter, Holger H. Hoos, and Kevin Leyton-Brown. 2010. Automated configuration of mixed integer programming solvers. *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)* 6140 LNCS (2010), 186–202. https://doi.org/10.1007/978-3-642-13520-0_23
- [15] Frank Hutter, Holger H. Hoos, and Kevin Leyton-Brown. 2011. Sequential model-based optimization for general algorithm configuration. *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)* 6683 LNCS (2011), 507–523. https://doi.org/10.1007/978-3-642-25566-3_40
- [16] Frank Hutter, Holger H. Hoos, Kevin Leyton-Brown, and Thomas Stützle. 2009. ParamLLS: An automatic algorithm configuration framework. *Journal of Artificial Intelligence Research* 36 (2009), 267–306. <https://doi.org/10.1613/jair.2861>
- [17] Litan Ilany and Ya'akov Gal. 2016. Algorithm selection in bilateral negotiation. *Autonomous Agents and Multi-Agent Systems* 30, 4 (2016), 697–723. <https://doi.org/10.1007/s10458-015-9302-8>
- [18] Mark Klein and Stephen C.Y. Lu. 1989. Conflict resolution in cooperative design. *Artificial Intelligence in Engineering* 4, 4 (1989), 168–180. [https://doi.org/10.1016/0954-1810\(89\)90013-7](https://doi.org/10.1016/0954-1810(89)90013-7)
- [19] Raymond Y.K. Lau, Maolin Tang, On Wong, Stephen W. Milliner, and Yi Ping Phoebe Chen. 2006. An evolutionary learning approach for adaptive negotiation agents. *International Journal of Intelligent Systems* 21, 1 (2006), 41–72. <https://doi.org/10.1002/int.20120>
- [20] Raz Lin, Sarit Kraus, Tim Baarslag, Dmytro Tykhonov, Koen Hindriks, and Catholijn M. Jonker. 2014. Genius: An integrated environment for supporting the design of generic automated negotiators. *Computational Intelligence* 30, 1 (2014), 48–70. <https://doi.org/10.1111/j.1467-8640.2012.00463.x>
- [21] Ivan Marsa-Maestre, Mark Klein, Catholijn M. Jonker, and Reyhan Aydoğan. 2014. From problems to protocols: Towards a negotiation handbook. *Decision Support Systems* 60, 1 (2014), 39–54. <https://doi.org/10.1016/j.dss.2013.05.019>
- [22] Noyda Matos, Carles Sierra, and Nick R. Jennings. 1998. Determining successful negotiation strategies: An evolutionary approach. *Proceedings - International Conference on Multi Agent Systems, ICMA 1998* (1998), 182–189. <https://doi.org/10.1109/ICMAS.1998.699048>
- [23] John F. Nash. 1950. The Bargaining Problem. *Econometrica* 18, 2 (1950), 155. <https://doi.org/10.2307/1907266>
- [24] Martin J. Osborne and Ariel Rubinstein. 1994. *A Course in Game Theory*. 1 (ed.). Vol. 1. MIT press. <https://doi.org/10.2307/2554642>
- [25] Howard Raiffa. 1982. *The art and science of negotiation*. Harvard University Press.
- [26] W.N. Robinson. 1990. Negotiation behavior during requirement specification. *[1990] Proceedings. 12th International Conference on Software Engineering* (1990), 268–276. <https://doi.org/10.1109/ICSE.1990.63633>
- [27] J. S. Rosenschein. 1986. *Rational interaction: cooperation among intelligent agents*. Ph.D. Dissertation. Stanford University, Stanford, CA, USA. http://www.osti.gov/energycitations/product.biblio.jsp?osti_id=5310977
- [28] Ariel Rubinstein. 1982. Perfect Equilibrium in a Bargaining Model. *Econometrica* 50, 1 (1982), 97. <https://doi.org/10.2307/1912531>
- [29] Reid G. Smith. 1980. The Contract Net Protocol: High-Level Communication and Control in a Distributed Problem Solver. *IEEE Trans. Comput.* C-29, 12 (1980), 1104–1113. <https://doi.org/10.1109/TC.1980.1675516>
- [30] Katia Sycara. 1988. Resolving Goal Conflicts via Negotiation. *The Seventh National Conference on Artificial Intelligence* (1988), 245–249. <http://www.aaai.org/Papers/AAAI/1988/AAAI88-044.pdf>
- [31] K Sycara-Cyranski. 1985. Arguments Of Persuasion In Labour Mediation. *Proceedings of the International Joint Conference on Artificial Intelligence* 1 (1985), 294–296.
- [32] Niels Van Galen Last. 2012. Agent Smith: Opponent model estimation in bilateral multi-issue negotiation. *Studies in Computational Intelligence* 383 (2012), 167–174. https://doi.org/10.1007/978-3-642-24696-8_12
- [33] Andy B. Yoo, Morris A. Jette, and Mark Grondona. 2003. SLURM: Simple Linux Utility for Resource Management. *Lecture Notes in Computer Science* 2862 (2003), 44–60. https://doi.org/10.1007/10968987_3
- [34] Mark Zlochinn, Mauro Birattari, Nicolas Meuleau, and Marco Dorigo. 2004. Model-based search for combinatorial optimization: A critical survey. *Annals of Operations Research* 131, 1-4 (2004), 373–395. <https://doi.org/10.1023/B:ANOR.0000039526.52305.af>