

- Netherlands, Dordrecht, 69–106. https://doi.org/10.1007/978-1-4020-9084-4_5
- [2] Giulia Andrighetto, Guido Governatori, Pablo Noriega, and Leon van der Torre. 2013. *Normative Multi-Agent Systems*. Vol. 4. Dagstuhl Publishing, Saarbrücken/Wadern. <https://doi.org/10.4230/DFU.Vol4.12111.i>
- [3] Katie Atkinson and Trevor Bench-Capon. 2016. States, goals and values: Revisiting practical reasoning. *Argument and Computation* 7, 2-3 (2016), 135–154. <https://doi.org/10.3233/AAC-160011>
- [4] The World Bank and Development Research Group. [n.d.]. Gini index (World Bank estimate). <https://data.worldbank.org/indicator/SI.POV.GINI>
- [5] Trevor Bench-Capon and Sanjay Modgil. 2017. Norms and value based reasoning: justifying compliance and violation. *Artificial Intelligence and Law* 25, 1 (2017), 29–64. <https://doi.org/10.1007/s10506-017-9194-9>
- [6] Stephen Cranefield, Michael Winikoff, Virginia Dignum, and Frank Dignum. 2017. No pizza for you: Value-based plan selection in BDI agents. *IJCAI International Joint Conference on Artificial Intelligence* 0 (2017), 178–184. <https://doi.org/10.24963/ijcai.2017/26>
- [7] Virginia Dignum. 2019. *Responsible Artificial Intelligence: How to Develop and Use AI in a Responsible Way* (1 ed.). Springer International Publishing, 127 pages. <https://doi.org/10.1007/978-3-030-30371-6>
- [8] Moser Silva Fagundes, Sascha Ossowski, Jesús Cerquides, and Pablo Noriega. 2016. Design and evaluation of norm-aware agents based on Normative Markov Decision Processes. *International Journal of Approximate Reasoning* 78 (2016), 33–61. <https://doi.org/10.1016/j.ijar.2016.06.005>
- [9] Emilia Garcia, Adriana Giret, and Vicente Botti. 2015. *Regulated Open Multi-Agent Systems (ROMAS)* (1 ed.). Springer International Publishing. https://doi.org/10.1007/978-3-319-11572-6_8
- [10] Corrado Gini. 1912. *Variabilità e mutabilità: contributo allo studio delle distribuzioni e delle relazioni statistiche. Fascicolo 1° Introduzione - Indici di variabilità - Indici di mutabilità*. Facoltà di Giurisprudenza della R. Università Cagliari, Bologna. 156 pages.
- [11] Sean Luke. 2016. Population Methods. In *Essentials of Metaheuristics* (second ed.). Lulu, Chapter 3. <http://cs.gmu.edu/~sean/book/metaheuristics/>
- [12] Javier Morales, Maite López-Sánchez, Juan A. Rodríguez-Aguilar, Michael Wooldridge, and Wamberto Vasconcelos. 2013. Automated synthesis of normative systems. *12th International Conference on Autonomous Agents and Multiagent Systems* 2013, AAMAS 2013 1 (2013), 483–490.
- [13] Andreea Morris-Martin, Marina De Vos, and Julian Padget. 2019. *Norm emergence in multiagent systems: A viewpoint paper*. Vol. 33. Springer US. 706–749 pages. <https://doi.org/10.1007/s10458-019-09422-0>
- [14] Heinz Mühlenbein and Dirk Schlierkamp-Voosen. 1993. Predictive Models for the Breeder Genetic Algorithm I. Continuous Parameter Optimization. *Evolutionary Computation* 1, 1 (1993), 25–49. <https://doi.org/10.1162/evco.1993.1.1.25>
- [15] Shmuel Onn and Moshe Tennenholtz. 1997. Determination of social laws for multi-agent mobilization. *Artificial Intelligence* 95, 1 (1997), 155–167. [https://doi.org/10.1016/S0004-3702\(97\)00045-3](https://doi.org/10.1016/S0004-3702(97)00045-3)
- [16] Sebastian Ruder. 2016. An overview of gradient descent optimization algorithms. (2016), 1–14. arXiv:1609.04747 <http://arxiv.org/abs/1609.04747>
- [17] Stuart Russell. 2017. Provably Beneficial Artificial Intelligence. In *The Next Step: Exponential Life*. Turner Libros, Madrid.
- [18] Shalom H. Schwartz. 1992. Universals in the content and structure of values: Theoretical advances and empirical tests in 20 countries. In *Advances in Experimental Social Psychology*. Vol. 25. 1–65. [https://doi.org/10.1016/S0065-2601\(08\)60281-6](https://doi.org/10.1016/S0065-2601(08)60281-6)
- [19] Marc Serramia, Maite López-Sánchez, Juan A. Rodríguez-Aguilar, Javier Morales, Michael Wooldridge, and Carlos Ansotegui. 2018. Exploiting Moral Values to Choose the Right Norms. *AIES 2018 - Proceedings of the 2018 AAAI/ACM Conference on AI, Ethics, and Society* (2018), 264–270. <https://doi.org/10.1145/3278721.3278735>
- [20] Lloyd S. Shapley. 1953. A Value for N-Person Games. In *Contributions to the Theory of Games (AM-28)*. Annals of Mathematics Studies, Vol. 2. Princeton University Press.
- [21] Yoav Shoham and Moshe Tennenholtz. 1995. On social laws for artificial agent societies: off-line design. *Artificial Intelligence* 73, 1-2 (1995), 231–252. [https://doi.org/10.1016/0004-3702\(94\)00007-N](https://doi.org/10.1016/0004-3702(94)00007-N)
- [22] Carles Sierra, Nardine Osman, Pablo Noriega, Jordi Sabater-Mir, and Antoni Perelló-Moragues. 2019. Value alignment: a formal approach. *Responsible Artificial Intelligence Agents (RAIA) in AAMAS 2019*, 15.
- [23] Norbert Wiener. 1960. Some Moral and Technical Consequences of Automation. *Science* 131, 3410 (1960), 1355–1358. <https://doi.org/10.1126/science.131.3410.1355> arXiv:17841602