

REFERENCES

- [1] R. Alur, T. A. Henzinger, and O. Kupferman. Alternating-time temporal logic. *Journal of the ACM*, 49(5):672–713, 2002.
- [2] C. Baier and J.-P. Katoen. *Principles of Model Checking*. The MIT Press, 2008.
- [3] E. W. Beth. On Padoa’s method in the theory of definition. *Indagationes Mathematicae*, 15:330–339, 1953.
- [4] E. Bonzon, M. Lagasquie, J. Lang, and B. Zanuttini. Boolean games revisited. In *Proceedings of the Seventeenth European Conference on Artificial Intelligence (ECAI-2006)*, 2006.
- [5] N. Bulling, W. Jamroga, and J. Dix. Reasoning about temporal properties of rational play. *Annals of Mathematics and Artificial Intelligence*, 53(1):51–114, 2008.
- [6] C. C. Chang and H. J. Keisler. *Model Theory*, volume 73 of *Studies in Logic and the Foundations of Mathematics*. North-Holland Publishing Company, third edition, 1990.
- [7] E. M. Clarke, O. Grumberg, and D. A. Peled. *Model Checking*. The MIT Press: Cambridge, MA, 2000.
- [8] W. Craig. Three uses of the Herbrand-Gentzen theorem in relating model theory and proof theory. *Journal of Symbolic Logic*, 22(3):269–285, 1957.
- [9] S. Demri and P. Schnoebelen. The complexity of propositional linear temporal logics in simple cases. *Information and Computation*, 174(1):84–103, 2002.
- [10] E. A. Emerson. Temporal and modal logic. In J. van Leeuwen, editor, *Handbook of Theoretical Computer Science Volume B: Formal Models and Semantics*, pages 996–1072. Elsevier, 1990.
- [11] E. A. Emerson and J. Y. Halpern. ‘Sometimes’ and ‘not never’ revisited: on branching time versus linear time temporal logic. *Journal of the ACM*, 33(1):151–178, 1986.
- [12] U. Endriss, S. Kraus, J. Lang, and M. Wooldridge. Designing incentives for Boolean games. In R. Turner, Yolum, E. A. Sonenberg, and Stone, editors, *10th International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2011)*, volume 1, pages 79–86, 2011.
- [13] A. P. Gheerbrant and B. ten Cate. Craig interpolation for linear temporal languages. In E. Grädel and R. Kahle, editors, *Proceedings of 23rd international Workshop, CSL 2009, 18th Annual Conference of the EACSL, Coimbra, Portugal, September 7-11, 2009*, volume 5771 of *Lecture Notes in Computer Science*, pages 287–301. Springer, 2009.
- [14] J. Gutierrez, P. Harrenstein, and M. Wooldridge. Reasoning about equilibria in game-like concurrent systems. In *14th Conference on Principles of Knowledge Representation and Reasoning (KR-2014)*, pages 408–417, 2014.
- [15] J. Gutierrez, P. Harrenstein, and M. Wooldridge. Iterated Boolean games. *Information and Computation*, 242:53–79, 2015.
- [16] J. Y. Halpern, D. Samet, and E. Segev. On definability in multimodal logic. *The Review of Symbolic Logic*, 2(3):451–468, 2009.
- [17] P. Harrenstein, W. van der Hoek, J.-J. Meyer, and C. Witteveen. Boolean games. In J. van Benthem, editor, *Proceeding of the Eighth Conference on Theoretical Aspects of Rationality and Knowledge (TARK VIII)*, pages 287–298, 2001.
- [18] W. Hodges. *Model Theory*. Cambridge University Press, 1993.
- [19] A. Kučera and J. Strejček. The stuttering principle revisited. *Acta Informatica*, 41(7–8):415–434, 2005.
- [20] L. Lamport. Specifying concurrent program modules. *ACM Transactions on Programming Languages and Systems*, 5(2):190–222, 1983.
- [21] R. D. Luce and H. Raiffa. *Games and Decisions*. John Wiley & Sons, 1957.
- [22] M. Maschler, E. Solan, and S. Zamir. *Game Theory*. Cambridge U.P., 2013.
- [23] A. Mateescu and A. Salomaa. Formal languages: An introduction and a synopsis. In G. Rozenberg and A. Salomaa, editors, *Handbook of Formal Languages*, volume I: Word, Language, Grammar, chapter 1. Springer, 1997.
- [24] M. J. Osborne and A. Rubinstein. *A Course in Game Theory*. The MIT Press: Cambridge, MA, 1994.
- [25] D. A. Peled and T. Wilke. Stutter-invariant temporal properties are expressible without next-time operator. *Information Processing Letters*, 63(5):243–246, 1997.
- [26] A. Pnueli. The temporal logic of programs. In *Proceedings of the Eighteenth IEEE Symposium on the Foundations of Computer Science*, pages 46–57, 1977.
- [27] A. M. Rabinovich. Expressive power of temporal logics. In L. Brim, P. Jancar, M. Kretínský, and A. Kucera, editors, *CONCUR 2002—Concurrency Theory*, volume 2421 of *Lecture Notes in Computer Science*, pages 57–75. Springer, 2002.
- [28] Y. Shoham and K. Leyton-Brown. *Multiagent Systems: Algorithmic, Game-Theoretic, and Logical Foundations*. Cambridge University Press: Cambridge, England, 2008.
- [29] A. P. Sistla and E. M. Clarke. The complexity of propositional linear temporal logics. *Journal of the ACM*, 32(3):733–749, 1985.
- [30] W. Thomas. Languages, automata, and logic. In G. Rozenberg and A. Salomaa, editors, *Handbook of Formal Languages*, volume III: Beyond works, chapter 5. Springer, 1997.
- [31] M. Y. Vardi. Branching vs. linear time: Final showdown. In T. Margaria and W. Yi, editors, *Proceedings of the 2001 Conference on Tools and Algorithms for the Construction and Analysis of Systems, TACAS 2001* volume 2031 of *Lecture Notes in Computer Science*, pages 1–22. Springer, 2001.
- [32] M. Y. Vardi and P. Wolper. Reasoning about infinite computations. *Information and Computation*, 115(1):1–37, 1994.
- [33] P. Wolper. Temporal logic can be more expressive. *Information and Control*, 56, 1983.