References

[1] Modern SAT solvers: fast, neat and underused. `https://codingnest.com/modern-sat-solvers-fast-neat-underused-part-1-of-n/`, 2018. Accessed: 2021-12-09.

[2] Modern SAT solvers: fast, neat and underused. `https://codingnest.com/modern-sat-solvers-fast-neat-and-underused-part-3-of-n/`, 2019. Accessed: 2021-12-09.

[3] A. Adler, J. Bosboom, E. D. Demaine, M. L. Demaine, Q. C. Liu, and J. Lynch. Tatamibari is NP-Complete. In M. Farach-Colton, G. Prencipe, and R. Uehara, editors, *10th International Conference on Fun with Algorithms (FUN 2021)*, volume 157 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 1:1–1:24, Dagstuhl, Germany, 2020. Schloss Dagstuhl–Leibniz-Zentrum für Informatik.

[4] A. Allen and A. Williams. Sto-Stone is NP-Complete. In *CCCG*, pages 28–34, 2018.

[5] D. Andersson. Hiroimono is NP-complete. In *International Conference on Fun with Algorithms*, pages 30–39. Springer, 2007.

[6] D. Andersson. Hashiwokakero is NP-complete. *Information Processing Letters*, 109(19):1145–1146, 2009.

[7] M. Ben-Ari. *Mathematical logic for computer science*. Springer Science & Business Media, 2012.

[8] B. Bollobás. *Modern graph theory*, volume 184. Springer Science & Business Media, 1998.

[9] T. H. Cormen, C. E. Leiserson, R. L. Rivest, and C. Stein. *Introduction to algorithms*. MIT press, 3 edition, 2009.

[10] E. D. Demaine. Playing games with algorithms: Algorithmic combinatorial game theory. In *International Symposium on Mathematical Foundations of Computer Science*, pages 18–33. Springer, 2001.

[11] E. D. Demaine. Yin-Yang Font. `https://github.com/edemaine/font-yinyang`, Apr. 2022. Accessed: 2022-05-11.

[12] E. D. Demaine, J. Lynch, M. Rudoy, and Y. Uno. Yin-Yang Puzzles are NP-complete. In *33rd Canadian Conference on Computational Geometry (CCCG) 2021*, 2021.

[13] E. D. Demaine, Y. Okamoto, R. Uehara, and Y. Uno. Computational complexity and an integer programming model of Shakashaka. *IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences*, 97(6):1213–1219, 2014.

[14] E. D. Demaine and M. Rudoy. Tree-residue vertex-breaking: a new tool for proving hardness. In *Proceedings of the 16th Scandinavian Symposium and Workshops on Algorithm Theory (SWAT2018)*, 2018.

[15] R. Diestel. Graph theory 3rd ed. *Graduate texts in mathematics*, 173:33, 2005.

[16] R. A. Hearn and E. D. Demaine. *Games, puzzles, and computation*. CRC Press, 2009.

[17] M. Holzer, A. Klein, and M. Kutrib. On the NP-completeness of the Nurikabe pencil puzzle and variants thereof. In *Proceedings of the 3rd International Conference on FUN with Algorithms*, pages 77–89. Citeseer, 2004.

[18] M. Holzer and O. Ruepp. The troubles of interior design–a complexity analysis of the game Heyawake. In *International Conference on Fun with Algorithms*, pages 198–212. Springer, 2007.

[19] M. Huth and M. Ryan. *Logic in Computer Science: Modelling and reasoning about systems*. Cambridge university press, 2004.

[20] A. Ishibashi, Y. Sato, and S. Iwata. NP-completeness of two pencil puzzles: Yajilin and Country Road. *Utilitas Mathematica*, 88:237–246, 2012.

[21] C. Iwamoto. Yosenabe is NP-complete. *Journal of Information Processing*, 22(1):40–43, 2014.

[22] C. Iwamoto and M. Haruishi. Computational complexity of Usowan puzzles. *IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences*, 101(9):1537–1540, 2018.

[23] C. Iwamoto and T. Ibusuki. Dosun-Fuwari is NP-complete. *Journal of Information Processing*, 26:358–361, 2018.

[24] C. Iwamoto and T. Ibusuki. Polynomial-Time Reductions from 3SAT to Kurotto and Juosan Puzzles. *IEICE Transactions on Information and Systems*, 103(3):500–505, 2020.

[25] G. Kendall, A. Parkes, and K. Spoerer. A survey of NP-complete puzzles. *ICGA Journal*, 31(1):13–34, 2008.

[26] J. Kölker. Kurodoko is NP-complete. *Information and Media Technologies*, 7(3):1000–1012, 2012.

[27] I. Lynce and J. Ouaknine. Sudoku as a SAT Problem. In *AI&M*, 2006.

[28] N. Megiddo. Linear-Time Algorithms for Linear Programming in $\mathbb{R}^3$ and Related Problems. *SIAM journal on computing*, 12(4):759–776, 1983.

[29] G. Moore. *Paper, Pencil & You: Calm: Relaxing Brain-Training Puzzles for Stressed-Out People*. Greenfinch, 2022.

[30] M. Z. Musa. Interactive Sudoku Solver Using Propositional Logic in Python. Bachelor thesis, Undergraduate Program of Informatics, School of Computing, Telkom University, 2018.

[31] U. Pfeiffer, T. Karnagel, and G. Scheffler. A Sudoku-Solver for Large Puzzles using SAT. In *LPAR short papers (Yogyakarta)*, pages 52–57, 2010.

[32] L. Prechelt. Are scripting languages any good? A validation of Perl, Python, Rexx, and Tcl against C, C++, and Java. *Adv. Comput.*, 57:205–270, 2003.

[33] Puzzling Stack Exchange. How to prove yin-yang alternating 2 by 2 is not allowed. `https://puzzling.stackexchange.com/questions/115722/how-to-prove-yin-yang-alternating-2-by-2-is-not-allowed`, Apr. 2022. Accessed: 28-4-2022.

[34] K. H. Rosen. *Discrete Mathematics and Its Applications, 8th Edtion*. McGraw-Hill Higher Education, 5th edition, 2019.

[35] A. Shaleh. Solving Shikaku Using Propositional Logic Approach. Bachelor thesis, Undergraduate Program of Informatics, School of Computing, Telkom University, 2019.

[36] Y. Takenaga, S. Aoyagi, S. Iwata, and T. Kasai. Shikaku and Ripple Effect are NP-complete. *Congressus Numerantium*, 216:119–127, 2013.

[37] A. Uejima and H. Suzuki. Fillmat is NP-complete and ASP-complete. *Journal of Information Processing*, 23(3):310–316, 2015.

[38] T. Weber. A SAT-based Sudoku solver. In *LPAR*, pages 11–15, 2005.

[39] T. Yato and T. Seta. Complexity and completeness of finding another solution and its application to puzzles. *IEICE transactions on fundamentals of electronics, communications and computer sciences*, 86(5):1052–1060, 2003.