

Referred Journal Publications

- [1] with S. Gupta, S. Saurabh, and M. Zehavi. “Quadratic Vertex Kernel for Rainbow Matching”. In: *Algorithmica* (2019). ISSN: 0178-4617.
- [2] with S. Gupta, S. Saurabh, and M. Zehavi. “Parameterized Algorithms and Kernels for Rainbow Matching”. In: *Algorithmica* 81.4 (2019), pp. 1684–1698.
A preliminary version of the paper appeared with title “Parameterized Algorithms and Kernels for Rainbow Matching” in the proceedings of MFCS 2017.
- [3] with S. Gupta. “Stable Matching Games: Manipulation via Subgraph Isomorphism”. In: *Algorithmica* 80.9 (2018), pp. 2551–2573.
A preliminary version of the paper appeared with title “Stable Matching Games: Manipulation via Subgraph Isomorphism” in the proceedings of FSTTCS 2016.
- [4] with D. Adil, S. Gupta, S. Saurabh, and M. Zehavi. “Parameterized algorithms for stable matching with ties and incomplete lists”. In: *Theor. Comput. Sci.* 723 (2018), pp. 1–10.

Referred Conference Publications (not covered by above)

- [5] with E. Elkind, P. Faliszewski, and S. Gupta. “Algorithms for Swap and Shift Bribery in Structured Elections”. In: *Proceedings of the 19th International Conference on Autonomous Agents and MultiAgent Systems, AAMAS '20, May 9-13, 2020*. 2020, pp. 366–374.
- [6] with S. Gupta, S. Saurabh, and M. Zehavi. “Balanced Stable Marriage: How Close Is Close Enough?”. In: *Algorithms and Data Structures - 16th International Symposium, WADS 2019, Edmonton, AB, Canada, August 5-7, 2019, Proceedings*. 2019, pp. 423–437.
- [7] with S. Gupta, P. Jain, S. Saurabh, and M. Zehavi. “Gehrlein Stability in Committee Selection: Parameterized Hardness and Algorithms”. In: *Proceedings of the 18th International Conference on Autonomous Agents and MultiAgent Systems, AAMAS '19, Montreal, QC, Canada, May 13-17, 2019*. 2019, pp. 511–519.
- [8] with S. Gupta, S. Saurabh, and M. Zehavi. “When Rigging a Tournament, Let Greediness Blind You”. In: *Proceedings of the Twenty-Seventh International Joint Conference on Artificial Intelligence, IJCAI 2018, July 13-19, 2018, Stockholm, Sweden*. 2018, pp. 275–281.
- [9] with S. Gupta, S. Saurabh, and M. Zehavi. “Winning a Tournament by Any Means Necessary”. In: *Proceedings of the Twenty-Seventh International Joint Conference on Artificial Intelligence, IJCAI 2018, July 13-19, 2018, Stockholm, Sweden*. 2018, pp. 282–288.
- [10] with S. Gupta, S. Saurabh, and M. Zehavi. “Group Activity Selection on Graphs: Parameterized Analysis”. In: *Algorithmic Game Theory - 10th International Symposium, SAGT 2017, L’Aquila, Italy, September 12-14, 2017, Proceedings*. 2017, pp. 106–118.
- [11] with B. Ravindran. “Measuring network centrality using hypergraphs”. In: *Proceedings of the Second ACM IKDD Conference on Data Sciences, Bangalore, CoDS 2015, India, March 18-21, 2015*. 2015, pp. 59–68.

Survey

- [12] with S. Gupta, S. Saurabh, and M. Zehavi. “Some Hard Stable Marriage Problems: A Survey on Multivariate Analysis”. In: *Mathematical Programming and Game Theory*. Ed. by S.K. Neogy, Ravindra B. Bapat, and Dipti Dubey. Singapore: Springer Singapore, 2018, pp. 141–157. ISBN: 978-981-13-3059-9.