

## Full list of publications

- Publications [1] - [64] are articles in peer-reviewed international journals.
- Publications [65] - [70] are articles currently under review at peer-reviewed international journals and conferences.
- Publications [71] - [85] are articles that have appeared at international peer-reviewed conferences with proceedings.
- Publications [86] - [88] are book reviews.
- Publications [89] - [97] are unpublished manuscripts and notes (on arXiv).

Within each grouping the publications are listed in reverse chronological order.

## References

- [1] Virginia Aardevol Martinez, Steven Chaplick, Steven Kelk, Ruben Meuwese, Matus Mihalak, and Georgios Stamoulis. Relaxed agreement forests. *To appear in Journal of Graph Algorithms and Applications*, 2026.
- [2] Martin Frohn, Steven Kelk, and Simona Vychnitilova. A branch-&-price approach to the unrooted maximum agreement forest problem. *To appear in Operations Research Letters*, 2025.
- [3] Steven Kelk, Simone Linz, and Charles Semple. Bounding the snpr distance between two tree-child networks using generalised agreement forests. *To appear in Electronic Journal of Combinatorics*, 2025.
- [4] Eva Czabarka, Steven Kelk, Vincent Moulton, and László A Székely. Coconvex characters on collections of phylogenetic trees. *Advances in Applied Mathematics*, 172:102952, 2026.
- [5] Martin Frohn, Niels Holtgreffe, Leo van Iersel, Mark Jones, and Steven Kelk. Reconstructing semi-directed level-1 networks using few quarnets. *Journal of Computer and System Sciences*, 152:103655, 2025.
- [6] Martin Frohn and Steven Kelk. A 2-approximation algorithm for the softwired parsimony problem on binary, tree-child phylogenetic networks. *Annals of Operations Research*, 345(1):125–145, 2025.
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