

LIST OF PUBLICATIONS

August 29, 2026

Lane A. Hemaspaandra (born Lane A. Hemachandra)

BOOKS

1. **Complexity Theory Retrospective II**, L. Hemaspaandra and A. Selman, editors, Springer-Verlag, softcover edition (original edition is entry 6), ISBN 1461273196, 2012.
2. **Theory of Semi-Feasible Algorithms**, L. Hemaspaandra and L. Torenvliet, Monographs in Theoretical Computer Science, an EATCS Series, Springer-Verlag, softcover edition (original edition is entry 4), ISBN 3-642-07581-0, 2010.
3. **The Complexity Theory Companion**, L. Hemaspaandra and M. Ogihara, Texts in Theoretical Computer Science, an EATCS Series, Springer-Verlag, softcover edition (original edition is entry 5), ISBN 3-642-08684-7, 2010.
4. **Theory of Semi-Feasible Algorithms**, L. Hemaspaandra and L. Torenvliet, Monographs in Theoretical Computer Science, an EATCS Series, Springer-Verlag, hardcover, ISBN 3-540-42200-5, 2003.
5. **The Complexity Theory Companion**, L. Hemaspaandra and M. Ogihara, Texts in Theoretical Computer Science, an EATCS Series, Springer-Verlag, hardcover, ISBN 3-540-67419-5, 2002.
6. **Complexity Theory Retrospective II**, L. Hemaspaandra and A. Selman, editors, Springer-Verlag, ISBN 0-387-94973-9, 1997.

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7. **The Complexity of Manipulative Actions in Single-Peaked Societies**, E. Hemaspaandra, L. Hemaspaandra, and J. Rothe, in Economics and Computation: An Introduction to Algorithmic Game Theory, Computational Social Choice, & Fair Division, second edition, ed. J. Rothe, pp. 369–402, Springer, 2024.
8. **The Power of Self-Reducibility: Selectivity, Information, and Approximation**, L. Hemaspaandra, in Complexity and Approximation, eds. D.-Z. Du and J. Wang, pp. 19–47, Springer, 2020.
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22. **Gaps, Ambiguity, and Establishing Complexity-Class Containments via Iterative Constant-Setting**, L. Hemaspaandra, M. Juvekar, A. Nadjimzadah, P. Phillips, ACM Transactions on Computation Theory, V. 16, #4, Article 20, pp. 1–26, December 2024.

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