

# List of publications of

L. A. Székely

September 30, 2022

## BOOKS

2. *Graph Theory and Combinatorial Biology*, L. Lovász, A. Gyárfás, G. Katona, A. Recski and L. Székely, eds., Bolyai Society Mathematical Studies **7**, J. Bolyai Mathematical Society, Budapest, 1999.
1. D. E. Knuth: A számítógép-programozás művészete (translation of part of *The Art of Computer Programming*, Vol. 1), Műszaki Könyvkiadó, Budapest, 1988 (first edition); Budapest, 1994 (second edition).

## PAPERS

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183. É. Czabarka, S.J. Smith, L.A. Székely, Maximum diameter of 3 and 4-colorable graphs, *J. Graph Theory* <https://doi.org/10.1002/jgt.22869>
182. É. Czabarka, T. Olsen, S. Smith, L.A. Székely, Minimum Wiener index of triangulations and quadrangulations, *Discrete Appl. Math.* **322** (2022) 295–310. arXiv 2003.03873
181. Éva Czabarka, Peter Dankelmann, Trevor Olsen, László A. Székely, Proximity in triangulations and quadrangulations, *Electr. J. Graph Theory and Appl.*
180. Éva Czabarka, S.J. Smith, L.A. Székely, An infinite antichain of planar tanglegrams, *Order* **39**(2022) (1), 45–54. <https://doi.org/10.1007/s11083-021-09563-6>

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177. É. Czabarka, Inne Singgih, L.A. Székely, Counterexamples to a conjecture of Erdős, Pach, Pollack and Tuza, *Journal of Combinatorial Theory, B* **151**(2021) 38–45.
176. É. Czabarka, J. Reiswig, and L.A. Székely, The Steiner distance problem for large vertex subsets in the hypercube, *Bulletin of the ICA*, **93**(2021) 119–125.
175. É. Czabarka, P. Dankelmann, T. Olsen, L.A. Székely, Wiener index and remoteness of planar triangulations and quadrangulations, *Discrete Mathematics & Theoretical Computer Science*, **23**(2021)(1) (30 pages). arXiv 1905.06753.

174. G. Cochran, É. Czabarka, P. Dankelmann, L. A. Székely, A size condition for diameter two orientable graphs, *Graphs and Combinatorics* **37**(2021)(2), 527–544.

## 2020

173. É. Czabarka, A.A.V. Dossou-Olory, L. A. Székely, S. Wagner, Inducibility of  $d$ -ary trees, *Discrete Math.* **343** (2) (2020) 111671, <https://doi.org/10.1016/j.disc.2019.111671>. arXiv:1802.03817
172. É. Czabarka, I. Singgih, L.A. Székely, and Zhiyu Wang, Some remarks on the midrange crossing constant, *Studia Sci. Math. Hung.* **57**(2020)(2), 187–192. arXiv:1907.00368

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168. É. Czabarka, P. Dankelmann, L. A. Székely, A degree condition for diameter two orientability of graphs, *Discrete Math.* **342**(2019) (4), 1063–1065.

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149. É. Czabarka, M. Marsili, L. A. Székely, Threshold functions for distinct parts: revisiting Erdős–Lehner, in: *Information Theory, Combinatorics, and Search Theory (in Memory of Rudolph Ahlswede)*, eds. H. Aydinian, F. Cicalese, C. Deppe, Lecture Notes in Computer Science **7777**, 2013, Springer-Verlag, 463–471.
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