

List of publications of

L. A. Székely

April 17, 2020

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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171. É. Czabarka, T. Olsen, S. Smith, L.A. Székely, Minimum Wiener index of triangulations and quadrangulations, arXiv 2003.03873 Submitted to *J. Graph Theory*
170. É. Czabarka, I. Singgih, L.A. Székely, and Zhiyu Wang, Sylvester's constant
169. Éva Czabarka, Peter Dankelmann, Trevor Olsen, László A. Székely Proximity in triangulations and quadrangulations, submitted to *Electr. J. Graph Theory and Appl.*
168. É. Czabarka, I. Singgih, L.A. Székely, Diameter of 3-colorable graphs, in preparation.
167. É. Czabarka, I. Singgih, L.A. Székely, and Zhiyu Wang, Some remarks on the midrange crossing constant, to appear in *Studia Sci. Math. Hung.* arXiv:1907.00368
166. É. Czabarka, J. Reiswig, and L.A. Székely, The Steiner distance problem for large vertex subsets in the hypercube, submitted.
165. É. Czabarka, P. Dankelmann, T. Olsen, L.A. Székely, Wiener index and remoteness of planar triangulations and quadrangulations, arXiv 1905.06753.
164. Linyuan Lu and L.A. Székely, A new asymptotic enumeration technique: the Lovász Local Lemma, submitted to *J. Comb. Theory Ser. A* arXiv:0905.3983
163. É. Czabarka, L.A. Székely, T.J. Vision, Minimizing the number of gene duplication episodes and Gallai's theorem on intervals, arXiv:1209.5699.
162. G. Cochran, É. Czabarka, P. Dankelmann, L. A. Székely, A size condition for diameter two orientable graphs, submitted, arXiv:1808.08996.
161. Éva Czabarka, Josiah Reiswig, László Székely, Zhiyu Wang, Midrange crossing constants for graph classes, to appear in *Indian J. Discrete Math.* arXiv:1811.08071
160. 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

159. É. Czabarka, L. A. Székely, Z. Toroczkai, S. Walker, An algebraic Monte-Carlo algorithm for the Partition Adjacency Matrix realization problem, submitted, arXiv:1708.08242

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158. John Asplund, Gregory Clark, Garner Cochran, Éva Czabarka, Arran Hamm, Gwen Spencer, László Székely, Libby Taylor, Zhiyu Wang, Using block designs in crossing number bounds, *J. Combin. Designs* **27** (2019)(10), 586–597.
157. É. Czabarka, L. A. Székely, S. Wagner, A tanglegram Kuratowski theorem, *J. Graph Theory* **90**(2)(2019), 111–122.
156. É. Czabarka, P. Dankemann, L. A. Székely, A degree condition for diameter two orientability of graphs, *Discrete Math.* **342**(2019) (4), 1063–1065.

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154. John Asplund, Thao Do, Arran Hamm, László Székely, Libby Taylor, Zhiyu Wang, k -planar crossing number of random graphs and random regular graphs, *Discrete Appl. Math.* **247** (2018) 419–422.
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152. J. Pach, L.A. Székely, Cs.D. Tóth, G. Tóth, Note on k -planar crossing numbers, *Computational Geometry: Theory and Applications* Special Issue in Memoriam Ferran Hurtado. **68**(2018), 2–6.
151. É. Czabarka, L. A. Székely, S. Wagner, On the number of non-isomorphic subtrees of a tree, *J. Graph Theory* **87**(2018), 89–95.

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141. F. Molnár Jr., N. Derzsy, É. Czabarka, L. A. Székely, B. K. Szymanski, G. Korniss, Dominating scale-free networks using generalized probabilistic methods, *Scientific Reports* (2014) 4:6308 DOI: 10.1038/srep06308

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136. Linyuan Lu, A. Mohr, L. A. Székely, Quest for negative dependency graphs, *Recent advances in harmonic analysis and applications (in honor of Konstantin Oskolkov)* eds. D. Bilyk, L. de Carli, A.M. Stokolos, A. Pethukov, B.D. Wick, Springer Proceedings in Mathematics & Statistics, Vol. 25, 2013, 243–258.

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