

# Publication List

Karim Adiprasito

March 10, 2019

- [1] Karim Adiprasito. *Combinatorial Lefschetz theorems beyond positivity*. arXiv:1812.10454. 2018.
- [2] Karim Adiprasito and Farhad Babae. “Convexity of complements of tropical varieties, and approximations of currents”. In: *Mathematische Annalen* (July 2018). ISSN: 1432-1807. DOI: [10.1007/s00208-018-1728-2](https://doi.org/10.1007/s00208-018-1728-2). URL: <https://doi.org/10.1007/s00208-018-1728-2>.
- [3] Karim Adiprasito, Imre Bárány, Nabil H. Mustafa, and Tamás Terpai. *Theorems of Carathéodory, Helly, and Tverberg without dimension*. arXiv:1806.08725. 2018.
- [4] Karim Adiprasito, Mikhail Burens, and Eran Nevo. *QGLBT for polytopes*. arXiv:1805.03267. 2018.
- [5] Karim Adiprasito, June Huh, and Eric Katz. “Hodge theory for combinatorial geometries.” In: *Ann. Math. (2)* 188.2 (2018), pp. 381–452.
- [6] Karim Adiprasito, Gaku Liu, Igor Pak, and Michael Temkin. *Log smoothness and polystability over valuation rings*. arXiv:1806.09168. 2018.
- [7] Karim Adiprasito, Gaku Liu, and Michael Temkin. *Semistable reduction in characteristic 0*. arXiv:1810.03131. 2018.
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- [12] Karim Adiprasito and Bruno Benedetti. *A Cheeger-type exponential bound for the number of triangulated manifolds*. arXiv:1710.00130. 2017.
- [13] Karim Adiprasito and Bruno Benedetti. *Barycentric subdivisions of convex complexes are collapsible*. arXiv:1709.07930. 2017.
- [14] Karim Adiprasito and Bruno Benedetti. “Subdivisions, Shellability, and collapsibility of products.” In: *Combinatorica* 37.1 (2017), pp. 1–30.
- [15] Karim Adiprasito, Bruno Benedetti, and Frank H. Lutz. “Extremal examples of collapsible complexes and random discrete Morse theory.” In: *Discrete Comput. Geom.* 57.4 (2017), pp. 824–853.
- [16] Karim Adiprasito, Anders Björner, and Afshin Goodarzi. “Face numbers of sequentially Cohen-Macaulay complexes and Betti numbers of componentwise linear ideals.” In: *J. Eur. Math. Soc. (JEMS)* 19.12 (2017), pp. 3851–3865.
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