The following is a list of references mentioning the *symbolic defect* of an ideal. This notion was defined in [8] to measure the gap between regular and symbolic powers of ideals.

## References

- J. Biermann, H. de Alba, F. Galetto, S. Murai, U. Nagel, A. O'Keefe, T. Römer, and A. Seceleanu. Betti numbers of symmetric shifted ideals. J. Algebra, 560:312–342, 2020.
- [2] E. Carlini, H. T. Hà, B. Harbourne, and A. Van Tuyl. Ideals of powers and powers of ideals. Intersecting algebra, geometry, and combinatorics, volume 27 of Lecture Notes of the Unione Matematica Italiana. Cham: Springer, 2020.
- [3] B. Chakraborty and M. Mandal. Invariants of the symbolic powers of edge ideals. J. Algebra Appl., 19(10):19, 2020. Id/No 2050184.
- [4] B. Drabkin, E. Grifo, A. Seceleanu, and B. Stone. Calculations involving symbolic powers. J. Softw. Algebra Geom., 9(1):71–80, 2019.
- [5] B. Drabkin and L. Guerrieri. Asymptotic invariants of ideals with Noetherian symbolic Rees algebra and applications to cover ideals. J. Pure Appl. Algebra, 224(1):300–319, 2020.
- [6] B. Drabkin and L. Guerrieri. On quasi-equigenerated and Freiman cover ideals of graphs. Commun. Algebra, 48(10):4413-4435, 2020.
- [7] R. Fröberg, S. Lundqvist, A. Oneto, and B. Shapiro. Algebraic stories from one and from the other pockets. Arnold Math. J., 4(2):137–160, 2018.
- [8] F. Galetto, A. V. Geramita, Y.-S. Shin, and A. Van Tuyl. The symbolic defect of an ideal. J. Pure Appl. Algebra, 223(6):2709-2731, 2019.
- [9] H. T. Hà and P. Mantero. The Alexander-Hirschowitz theorem and related problems, 2021, arXiv:2101.09762.
- [10] H. Haghighi and M. Mosakhani. Containment problem for quasi star configurations of points in P<sup>2</sup>. Algebra Collog., 25(4):661–670, 2018.
- [11] B. Harbourne, J. Kettinger, and F. Zimmitti. Extreme values of the resurgence for homogeneous ideals in polynomial rings, 2020, arXiv:2005.05282.
- [12] I. B. Jafarloo and G. Malara. Regularity and symbolic defect of points on rational normal curves, 2020, arXiv:2007.08612.
- [13] I. B. Jafarloo and G. Zito. On the containment problem for fat points, 2018, arXiv:1802.10178.
- [14] M. Janssen, T. Kamp, and J. Vander Woude. Comparing powers of edge ideals. J. Algebra Appl., 18(10):19, 2019. Id/No 1950184.
- [15] A. V. Jayanthan, A. Kumar, and V. Mukundan. On the resurgence and asymptotic resurgence of homogeneous ideals, 2021, arXiv:2106.15261.
- [16] K.-N. Lin and Y.-H. Shen. Symbolic powers and free resolutions of generalized star configurations of hypersurfaces, 2019, arXiv:1912.04448.
- [17] K.-N. Lin and Y.-H. Shen. Symbolic powers of generalized star configurations of hypersurfaces, 2021, arXiv:2106.02955.
- [18] P. Mantero. The structure and free resolutions of the symbolic powers of star configurations of hypersurfaces. *Trans. Am. Math. Soc.*, 373(12):8785–8835, 2020.
- [19] P. Mantero, C. B. Miranda-Neto, and U. Nagel. A formula for symbolic powers, 2021, arXiv:2112.12588.
- [20] E. C. Moreno, C. Kohne, E. Sarmiento, and A. V. Tuyl. Powers of principal Q-borel ideals, 2020, arXiv:2010.13889.