Dr. Julian Grote

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[8] Grote, J., Thäle, C., und Werner, E. 2021. "Surface area deviation between smooth convex bodies and polytopes." *Advances in Applied Mathematics* 129: paper no. 1022018.

[7] Alonso-Gutiérrez, D., Besau, F., Grote, J., Kabluchko, Z., Reitzner, M., Thäle, C., Vritsiou, B.-H., Werner, E. 2021. "Asymptotic normality for random simplices and convex bodies in high dimensions." *Proceedings of the American Mathematical Society* 149: 355 — 367.

[6] Grote, J., Kabluchko, Z., und Thäle, C. 2019. "Limit theorems for random simplices in high dimensions." *ALEA Latin American Journal of Probability and Mathematical Statistics* 16: 141 – 177.

[5] Bonnet, G., Chasapis, G., Grote, J., Temesvari, D., und Turchi, N. 2019. "Threshold phenomena for high-dimensional random polytopes." *Communications in Comtemporary Mathematics* 21: paper no. 5.

[4] Grote, J., und Werner, E. 2018. "Approximation of smooth convex bodies by random polytopes." *Electronic Journal of Probability* 23: paper no. 9.

[3] Grote, J., und Thäle, C. 2018. "Gaussian polytopes: a cumulant-based approach." *Journal of Complexity* 47: 1 – 41.

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[1] Bonnet, G., Grote, J., Temesvari, D., Thäle, C., und Turchi, N. 2017. "Monotonicity of facet numbers of random convex hulls." *Journal of Mathematical Analysis and Applications* 455: 1351 – 1364.

Dissertation

Grote, J. 2018. Large scale asymptotics for random convex hulls.