

### Publications of Viktor Vígh:

- (1) K. J. Böröczky, F. Fodor, and V. Vígh: Approximating 3-dimensional convex bodies by polytopes with a restricted number of edges, *Beiträge Algebra Geom.*, **49** (2008), 177–193.
  - R. V. Efremov, G. K. Kamenev: Optimal growth order of the number of vertices and facets in the class of Hausdorff methods for polyhedral approximation of convex bodies, *Comput. Math. Math. Phys.*, **51** Number 6 (2011), 952–964.
- (2) V. Vígh: Typical faces of best approximating polytopes with a restricted number of edges, *Acta Sci. Math. (Szeged)*, **75** (2009), 313–327.
- (3) K. J. Böröczky, F. Fodor, M. Reitzner, and V. Vígh: Mean width of random polytopes in a reasonable smooth convex body, *J. Multivariate Anal.*, **100** (2009), 2287–2295.
  - R. Schneider and W. Weil: *Stochastic and Integral Geometry*, Springer-Verlag, 208, pp. 325.
- (4) I. Bárány, F. Fodor, and V. Vígh: Intrinsic volumes of inscribed random polytopes in smooth convex bodies, *Adv. Appl. Probab.*, **42** Number 3 (2010), 605–619.
  - J. Yukich: Limit theorems in discrete stochastic geometry, preprint, online available at: <http://www.lehigh.edu/jey0/public/www-data/SollerhausNov-24-09.pdf>
  - P. Calka, T. Schreiber and J. Yukich: Brownian limits, local limits, extreme value and variance asymptotics for convex hulls in the ball, preprint, online available at: <http://arxiv.org/pdf/0912.4339>
- (5) V. Vígh: Konvex testek közelítése politópokkal (in Hungarian), Ph. D. thesis, pp. 95. Online available at: <http://www.math.u-szeged.hu/phd/phdtheses/vigh-viktor-d.pdf>
- (6) F. Fodor and V. Vígh: Disc-polygonal approximations of planar spindle convex sets, accepted, *Acta Sci. Math. (Szeged)*.
- (7) R. Trelford and V. Vígh: How to sew in practice?, submitted.
- (8) G. Ambrus, P. Kevei, and V. Vígh: The diminishing segment process, *Stat. Prob. Letters.*, **82** (2012), 191–195.