

SEMINARVORTRAG

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Limit properties of random point sets in the plane

Abstract. Let X_n be a sample of n independent, random points chosen uniformly from a planar convex disc K . We are interested in the convex polygons with vertices from X_n . These satisfy various strong concentration and limit shape results, which we will discuss. In particular, we will prove that the convex polygons with maximal number of vertices from X_n are very close to a fixed convex set contained in K .

Zeit: Donnerstag, den 22. Oktober 2015 um 16:30 Uhr

Ort: Bauingenieurgebäude, Technikerstraße 13, HSB 7

Gäste sind herzlich willkommen!

Eva Kopecká