Gaussian Behaviour and Average of Marginals for Convex Bodies *

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Abstract: We recall several instances of the so called Central Limit Theorem for convex bodies under different metrics. We prove a Central Limit type theorem which holds for random k-dimensional subspace $E \subset \mathbb{R}^n$ and for a certain class of isotropic bodies.

Key words: isotropic convex bodies, central limit, concentration phenomena.

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