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Dario Cordero Erausquin: Comparison beyond curvature bounds : some observations around the non-gaussian case

jeudi 1 juin 2023 16:10 (45 minutes)

In proving inequalities for log-concave measures and convex bodies (often with the extra assumption of symmetry) one is lead to understand Poincaré type inequalities for all (symmetric) measure that are log-concave with respect to some given log-concave measure. When this reference measure is not Gaussian, this family does not belong to a classical $CD(\rho,$
$infinity)$ family. We will present some results and some questions related to the (B) inequality for dilates of symmetric convex bodies.

Orateur: CORDERO ERAUSQUIN, Dario