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Matthieu Fradelizi: On Fenchel and Bézout type inequalities for the Lebesgue and the Gaussian measures

jeudi 1 juin 2023 09:45 (45 minutes)

I shall start by presenting an overview of some recent results on Fenchel and Bézout type inequalities on mixed volumes and Minkowski sums of convex bodies. In particular, there are better bounds in these inequalities in the case of zonoids. I shall also mention recent extensions to the Gaussian measures and other rotationally invariant measures.

Based on work in common with Dylan Langharst, Mokshay Madiman, Mathieu Meyer and Artem Zvavitch

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