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Between the Funk metric and convex geometry

The Funk metric is a non-symmetric relative of the Hilbert metric in the interior of a convex body; in some sense it interpolates between Minkowski geometry and centro-affine geometry. I will present some results concerning the Holmes-Thompson volume in Funk geometry. In particular, we will see generalizations of some well-known inequalities on the volume product in convex geometry, such as the Blaschke-Santalo inequality and the Mahler conjecture.