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Gaussian BV Capacity

Since the Gaussian perimeter exists as an $(n-1)$ -dimensional area with the standard Gaussian density, the Gaussian space merits a geometrical capacity analysis on the bounded variation functions which are differentiable in the weakest measure theoretic sense. This talk will address a Gaussian analogy of the bounded variation capacity of a subset of Euclidean space, which is treated as a foundation of L.Liu-J.Xiao-D.Yang-W.Yuan's monograph: *Gaussian Capacity Analysis, Lecture Notes in Mathematics 2225*, Springer.