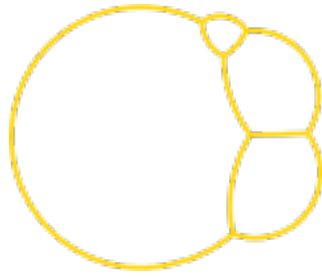


Isoperimetric Problems



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Lecture 4. First and second variation of the area on RCD spaces

Wednesday, 22 June 2022 10:20 (50 minutes)

The first and second variation of the area are cornerstones in classical Geometric Measure Theory and they are at the heart of its connections with Ricci curvature. In this lecture I will illustrate how they can be estimated for perimeter minimizers and isoperimetric sets on RCD spaces, avoiding any regularity theory.

Presenter: SEMOLA, Daniele (Oxford University)