

Smoothness of sets in Euclidean spaces

Daniel Seco (joint work with Artur Nicolau)
Universitat Autònoma de Barcelona

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Abstract

We study some properties of smooth sets in the sense defined by Hungerford. We prove a sharp form of Hungerford's Theorem on the Hausdorff dimension of their boundaries on Euclidean spaces and show the invariance of the definition under a class of automorphisms of the ambient space.