

# Quantitative Reifenberg for Measures

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## **Resumo/Abstract:**

We demonstrate a quantitative structure theorem for measures in  $\mathbb{R}^n$  under assumptions on the Jones  $\beta$ -numbers, which measure how close the support is to being contained in a subspace. Measures with this property have arisen in several interesting scenarios: in obtaining packing estimates on and rectifiability of the singular set of minimal surfaces; in characterizing  $L^2$ -boundedness of Calderon-Zygmund operators; and as an analysts formulation of the traveling salesman problem.