Jan Malý

The area formula for $W^{1,n}$-mappings

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Abstract: Let f be a mapping in the Sobolev space $W^{1,n}(\Omega, \mathbf{R}^n)$. Then the change of variables, or area formula holds for f provided removing from counting into the multiplicity function the set where f is not approximately Hölder continuous. This exceptional set has Hausdorff dimension zero.

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