

Shlyk, V. A.

Structure of compacta generating normal domains and removal singularities for the space $L_p^1(D)$. (Russian) [Zbl 0716.30013](#)
Mat. Sb. 181, No. 11, 1558-1572 (1990).

The author examines the properties of p -normal regions in \mathbb{R}^n , $1 < p < +\infty$, which, with $n = p = 2$, are minimal in the sense of Koebe or normal in the sense of Grötsch. He gives a description of removable singularities for the space $L_p^1(D)$ and of compacta generating p -normal regions, in terms of contingency theory and the $(n-1)$ -dimensional bilipschitzian NC_p -compacta. Apart from interesting new results, the paper includes generalizations of many well-known results from the geometry of NC_p -sets and N_p -compacta.

Reviewer: [L.Mikołajczyk](#)

MSC:

[30C65](#) Quasiconformal mappings in \mathbb{R}^n , other generalizations
[30C85](#) Capacity and harmonic measure in the complex plane

Cited in **1** Review
Cited in **3** Documents

Keywords:

structure of NC_p -compacta; removable sets; p -normal regions in \mathbb{R}^n ; contingency

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