

CONTINUITY PROPERTIES OF RIESZ POTENTIALS FOR FUNCTIONS IN $L^{p(\cdot)}$ OF VARIABLE EXPONENT

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Abstract. Our aim in this paper is to deal with 0-Hölder continuity for Riesz potentials of functions belonging to Lebesgue's L^p space of variable exponent, in the borderline case of Sobolev's theorem. We are also concerned with exponential integrability for Riesz potentials.

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