

EXPONENTIAL INTEGRABILITY OF RIESZ POTENTIALS OF ORLICZ FUNCTIONS

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In this talk, we aim to show exponential integrability for Riesz potentials of functions in Orlicz spaces $\Phi_{p,\varphi}(L, \mathbf{R}^n)$, as an improvement of the result by Edmunds, Gurka and Opic. This is a joint work with Yoshihiro Mizuta (Hiroshima Institute of Technology).

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