

HARDY–HILBERT’S INEQUALITY WITH GENERAL HOMOGENEOUS KERNEL

IVAN PERIĆ AND PREDRAG VUKOVIĆ

Abstract. A general form of recently obtained Hardy-Hilbert’s inequality with perturbed Hilbert’s kernel with the best possible estimation in the case of conjugate exponents is obtained. The multidimensional case is also considered. The case of non-conjugate exponents is briefly given.

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