Multidimensional Hilbert-type inequality on the weighted Orlicz spaces

(Talk)

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The main objective of this talk is a multidimensional Hilbert-type inequality on the weighted Orlicz spaces, with considerable attention given to homogeneous kernels of negative degree. As an application, we also derive the corresponding Hardy-Hilbert type inequality in a particular case. Especially, we consider the general method in the case of the weighted Lebesgue spaces.

Section: Real and Complex analysis.

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