A HALF–DISCRETE HILBERT–TYPE INEQUALITY WITH A GENERAL HOMOGENEOUS KERNEL OF DEGREE 0

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Abstract. In this paper we establish a half-discrete Hilbert-type inequality with a general homogeneous kernel of degree 0 including two interval variables. The equivalent forms, the operator expressions, the reverses and some particular cases are also considered.


Keywords and phrases: Hilbert-type inequality, homogeneous kernel, weight function, equivalent form, reverse inequality.

REFERENCES