HARDY–LITTLEWOOD–PÓLYA INEQUALITIES AND HAUSDORFF OPERATORS ON BLOCK SPACES

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Abstract. We establish the Hardy-Littlewood-Pólya inequality, the Hardy inequality and the Hilbert inequality on block spaces. Furthermore, we also have the boundedness of the Hausdorff operators on block spaces.

Keywords and phrases: Hardy-Littlewood-Pólya inequality, Hausdorff operator, block space, Morrey space.

REFERENCES
