

CERTAIN GEOMETRIC PROPERTIES OF THE QUASI-CESÀRO MATRIX

TOSEEF AHMED MALIK

Abstract. The purpose of this research is to examine some geometric properties of the Quasi-Cesàro matrix. It is shown that these spaces have interesting properties such as uniform rotundity, uniform smoothness, and the Radon-Riesz property. More specifically, we investigate some of the further properties defined with respect to the bounded linear operators on them. The Approximation property, the Dunford-Pettis property and Hahn-Banach property are other important properties that belong to these spaces.

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