ON SOME NEW WEIGHTED EULER SEQUENCE SPACES AND COMPACT OPERATORS

METIN BAŞARIR, EMRAH EVREN KARA AND ŞÜKRAN KONCA

Abstract. In this paper, we define some new Euler sequence spaces and construct Schauder basis of these spaces. Moreover, we determine their $β$ – duals and characterize some related matrix classes. Finally, we give the characterization of some classes of compact operators on these spaces by using the Hausdorff measure of noncompactness.


Keywords and phrases: BK space, matrix transformation, Euler sequence spaces, compact operator, Hausdorff measure of noncompactness.

REFERENCES