

## 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  $\beta$ -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.

*Mathematics subject classification (2010):* 46B45, 46B15, 46B50.

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

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