ALGEBRAIC REFLEXIVITY OF SETS OF BOUNDED LINEAR OPERATORS ON ABSOLUTELY CONTINUOUS FUNCTION SPACES

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Abstract. In this paper we deal with the algebraic reflexivity of sets of bounded linear operators on absolutely continuous vector-valued function spaces. As a consequence, it is shown that the set of all surjective linear isometries, the set of all isometric reflections, and the set of all generalized bi-circular projections on \( AC[0,1] \) are algebraically reflexive.


Keywords and phrases: Algebraic reflexivity, isometry group, absolutely continuous function, generalized bi-circular projection, isometric reflection.

REFERENCES


