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CLOSED RANGE AND COMPACT WEIGHTED COMPOSITION OPERATORS ON UNIFORM ALGEBRAS

Abstract

Let X be a compact metric space and let $C(X)$ denote the space of all continuous complex-valued functions on X equipped with the supremum norm. In this paper we investigate compactness and closedness of range of weighted composition operators on a uniformly closed subspaces of $C(X)$ and give as some applications compactness and closedness of range criterion on uniform algebras.