

WEIGHTED COMPOSITION OPERATORS BETWEEN LIPSCHITZ SPACES ON POINTED METRIC SPACES

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Abstract. In this paper, we study weighted composition operators between Banach spaces of scalar-valued Lipschitz functions on pointed metric spaces, not necessarily compact. We give necessary and sufficient conditions for the injectivity and the surjectivity of these operators. We also obtain sufficient and necessary conditions for a weighted composition operator between these spaces to be compact.

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