

CARISTI TYPE OPERATORS AND APPLICATIONS

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Abstract. The purpose of this paper is to present some results on multi-valued Caristi type operators between metric spaces. The case of metric spaces endowed with a weak distance, in Kada-Suzuki-Takahashi sense, is considered.

MSC 2000: 47H10, 54H25.

Keywords: fixed point, Kannan type operator, Reich type operator.