Ulam-Hyers stability of fixed point equations for singlevalued operators on KST spaces

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ABSTRACT.

In this paper we define the notions of Ulam-Hyers stability with respect to a w-distance (in the sense of Kada, Suzuki and Takahashi) and prove several Ulam-Hyers stability results for operators satisfying to a contractive-type condition with respect to w.

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