

A STUDY OF SOME FORMS OF CONTINUITY FOR
MULTIFUNCTIONS IN IDEAL TOPOLOGICAL SPACES

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Abstract. The main goal of this article is to introduce the concepts of $\star(\alpha)$ -continuous multifunctions and almost $\star(\alpha)$ -continuous multifunctions. Some characterizations of $\star(\alpha)$ -continuous multifunctions and almost $\star(\alpha)$ -continuous multifunctions are established. Furthermore, the relationships between $\star(\alpha)$ -continuity and almost $\star(\alpha)$ -continuity are discussed.

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Key words. α - \mathcal{I}^* -open set, $\star(\alpha)$ -continuous multifunction, almost $\star(\alpha)$ -continuous multifunction.

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