



***T*-LATTICE AND FIXED POINT THEOREMS
FOR MULTI-VALUED CASE**

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Abstract

In this paper, we present a new theorem for fixed point theory of T -lattices with its proof detailed. This theorem gives a generalization of Tarski's theorem for multi-valued case. At the end, we find Banach theorem like consequence.

Keywords and phrases: T -lattice, fixed point theorem, Knaster-Tarski's theorem.

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