

INTUITIONISTIC FUZZY PRE CONTINUOUS FUNCTIONS

D. AMSAVENI, M. K. UMA AND E. ROJA

Abstract

In this paper the concepts of intuitionistic fuzzy pre continuity, intuitionistic fuzzy pre compactness, and intuitionistic fuzzy pre C_5 -connectedness are introduced. Several preservation properties and some characterizations concerning intuitionistic fuzzy pre continuity, intuitionistic fuzzy pre compactness, intuitionistic fuzzy pre C_5 -connectedness, intuitionistic fuzzy pre normality and intuitionistic fuzzy pre $T_1=2$ spaces are studied.

Key Words : Intuitionistic fuzzy pre open set, Intuitionistic fuzzy pre closed set, intuitionistic fuzzy pre continuity, Intuitionistic fuzzy pre compactness, Intuitionistic fuzzy pre C_5 -connectedness, intuitionistic fuzzy pre normality and intuitionistic fuzzy prer $T_1=2$ spaces.

2000 Mathematics Subject Classification : 54A40, 03E72.