SOME GENERALIZATIONS OF FUZZY CONTINUOUS FUNCTIONS AND TOPOLOGIES IN FUZZY FUNCTION SPACES

Author(s):
El-Shafei, ME (El-Shafei, M. E.)[1];
Aggour, AI (Aggour, A. I.)[2]
E-mail Address: mshafei@hotmail.com
[1] Mansoura Univ, Fac Sci, Dept Math, Mansoura ٣٥٥١٦, Egypt
[2] Al Azhar Univ, Fac Sci, Dept Math, Nasr City ١١٨٨٤, Cairo, Egypt

Abstract
In this paper, we introduce the notions of fuzzy almost continuously convergent and fuzzy delta-continuously convergent fuzzy nets. We study the notions of fuzzy almost continuity and Fuzzy delta-continuity and we introduce new fuzzy topologies on fuzzy function spaces.

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phi-generalized closed sets in fuzzy topological spaces

Author(s):
El-Shafei, ME (El-Shafei, M. E.)[١]
Zakari, A (Zakari, A.) [٢]
E-mail Address: mshafei@hotmail.com
[١] Mansoura Univ, Fac Sci, Dept Math, Mansoura ٣٥٥١٦, Egypt
[٢] Girls Coll Educ Gazan, Gazan, Saudi Arabia

Abstract
In this paper we introduce the concepts of theta-generalized closed fuzzy sets and generalized Lambda-fuzzy sets in fuzzy topological spaces. Furthermore, generalized Lambda-fuzzy sets are extended to theta-generalized Lambda-fuzzy sets. Also, we introduce the concepts of fuzzy theta-generalized continuous and fuzzy theta-generalized irresolute mappings.

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