Abstract no: FYT14

FUZZY WEAKLY *g CLOSED SETS IN FUZZY TOPOLOGICAL SPACES

*Satyamurthy V Parvatkar , **Sadanand N Patil *Department of Mathematics, KLE Institute of Technology,Hubballi, India Isatyaparvatkar@gmail.com **Jain Institute of Technology , Davanagere, Karnataka , India patilsadu@gmail.com

The aim of this paper is to introduce a new class of sets called fw^*g - closed sets and investigate some of the basic properties of this class of sets which is the weaker form of f^*g closed sets.

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ISOMORPHISM THEOREM FOR NEUTROSOPHIC SUB MODULES

*Binu R, **Paul Isaac Department of Mathematics, Bharata Mata College, Thrikkakara, Kerala, India *1984binur@gmail.com, **pibmct@gmail.com

In this paper the concept of neutrosophic submodules and their properties are studied. The three fundamental theorems of module isomorphism is extended to isomorphism of neutrosophic submodules. A Neutrosophic set A on the universal set X is defined as

A = {x, $t_A(x)$, $i_A(x)$, $f_A(x)$ } where $x \in X$ and t_A , i_A , $f_A : X \to (-0, 1^+)$ where t, i, f represent degree of membership, degree of indeterminacy and degree of non membership (falsity) respectively which are known as neutrosophic components. These components are functions of non standard unit interval (-0,1).

Abstract no.: TOD10

ON JULIA SETS IN TOPOLOGICAL SPACES

*Sanil Jose, **Vinod Kumar P B *Sacred Heart College, Thevara, Kerala, India, saniljose@shcollege.ac.in **Rajagiri School of Engineering & Technology, Karala, India, vinod_kumar@rajagiritech.edu.in

In this paper, classical Julia set is viewed topologically in two different ways. Some properties of Julia sets in topological spaces has been proved. One point compactification of locally compact T_2 spaces is also considered to introduce Julia sets in Topological spaces.

Abstract no. : TOD11

LINEAR DYNAMICS OF T-λI

*Sanooj B, **Vinod Kumar P B *College of Engineering, Thiruvananthapuram, Kerala, India, sanoojb.123@gmail.com **Rajagiri School of Engineering & Technology, Kerala, India, vinod_kumar@rajagiritech.edu.in

Relations between Hypercyclic linear operators and Li Yorke Chaotic linear operators are well known. It is interesting to study the set { $\lambda \in C | T - \lambda I$ is chaotic}. Chaotic can be either Li Yorke or Devaney. In this paper, a discussion of properties of this set is attempted.