Abstract No: NST1

ON SOME WEAKER FORMS OF GENERALIZATION OF SOFT NANO CLOSED SETS IN SOFT NANO TOPOLOGICAL SPACES

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In this paper, the notions of soft nano subspaces, soft nano closure and soft nano interior in soft nano subspaces are introduced. Also, a new classes of sets called weakly soft nano g-closed sets, weakly soft nano g-open sets and corresponding closure and interior are introduced andtheir properties are investigated. Further, the inter-relationship between this new class of softnano sets with existing soft nano sets in soft nano topological spaces are studied.

Abstract No: NST2

BETWEEN SOFT b - CLOSED SETS AND b - CLOSED SETS

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In this paper, we introduce the link between Soft b-closed sets and b-closed sets in Soft Topology. Also, some of their properties are investigated.

Abstract No: NST3

ON HYPER SECURITY MODELS USING SOFT SET

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The concept of soft set is widely used to solve the uncertainty and decision making problems. In the present scenario, handling data and securing theinformation are very much important. Hence many researches are using different techniques to secure the information. In this

paper, a novel method is initiated to enhance the hyper security of the data using soft sets. The merits of the proposed method are discussed and it is compared with various existing methods.

Abstract No: NST4

NEUTROSOPHIC SOFT SEMI OPEN SETS

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Neutrosophic technique is a special technique based on neutrosophy. F.Smarandache introduced the concept of neutrosophy and neutrosophic sets. Maji introduced the concept of neutrosophic soft set. T.Bera introduced the concept of neutrosophic soft topological spaces and studied the properties of neutrosophic soft open set and neutrosophic soft closed set. The aim of this paper is to introduce and investigate the properties of neutrosophic soft semi opensets and neutrosophic soft semi closed sets in neutrosophic soft topological spaces. Furtherthe relationship between neutrosophic soft semi open sets, neutrosophic soft semi closed sets,neutrosophic soft semi interior and neutrosophic soft semi closure are discussed.