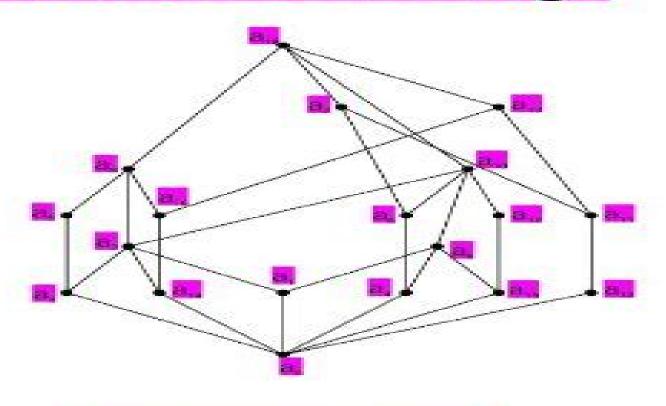
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default VML w behavior url default VML shape behavior url default VML Normal 0 false false false EN US X NONE X NONE Style Definitions table MsoNormalTable mso style name Table Normal mso tstyle rowband size 0 mso tstyle colband size 0 mso style noshow yes mso style priority 99 mso style parent mso padding alt 0in 5 4pt 0in 5 4pt mso para margin top 0in mso para margin right 0in mso para margin bottom 8 0pt mso para margin left 0in line height 107% mso pagination widow orphan font size 11 Opt font family Calibri sans serif mso ascii font family Calibri mso ascii theme font minor latin mso hansi font family Calibri mso hansi theme font minor latin There are three types of Smarandache Algebraic Structures 1 A Smarandache Strong Structure on a set S means a structure on S that has a proper subset P with a stronger structure A Smarandache Weak Structure on a set S means a structure on S that has a proper subset P with a weaker structure A Smarandache Strong Weak Structure on a set S means a structure on S that has two proper subsets P with a stronger structure and Q with a weaker structure By proper subset of a set S one understands a subset P of S different from the empty set from the original set S and from the idempotent elements if any Having two structures u and v defined by the same operations one says that structure u is stronger than structure v i e u v if the operations of u satisfy more axioms than the operations of v Each one of the first two structure types is then generalized from a 2 level the sets P S and their corresponding strong structure w1 w0 respectively their weak structure w1 wn 2 w2 w1 w0 or respectively their weak structure wn 1 wn 2 w2 w1 w0 Similarly for the third structure type whose generalization is a combination of the previous two structures at the n level A Smarandache Weak BE Algebra X is a BE algebra in which there exists a proper subset Q such that 1 Q Q 2 and Q is a CI algebra And a Smarandache Strong CI Algebra X is a CI algebra X in which there exists a proper subset Q such that 1 Q Q 2 and Q is a BE algebra The book elaborates a recollection of the BE CI algebras then introduces these last two particular structures and studies their properties Mathematical Combinatorics, Vol. 2/2012 Linfan Mao, Papers on Non Solvable Spaces of Linear Equation Systems Roman Domination in Complementary Prism Graphs On Pathos Total Semitotal and Entire Total Block Graph of a Tree Distance Two Labeling of Generalized Cacti Degree Splitting Graph on Graceful Felicitous and Elegant Labeling and other topics Contributors Agboola A A A Adeleke E O Akinleye S A B Chaluvaraju V Chaitra P Selvaraju P Balaganesan J Renuka V Balaj Suhua Ye Yizhi Chen Hui Luo and others International Journal of Mathematical Combinatorics, Volume 2, 2012 Linfan Mao, Topics in detail to be covered are Smarandache multi spaces with applications to other sciences such as those of algebraic multi systems multi metric spaces Smarandache geometries Differential Geometry Geometry on manifolds Topological graphs Algebraic graphs Random graphs Combinatorial maps Graph and map enumeration Combinatorial designs Combinatorial enumeration Low Dimensional Topology Differential Topology Topology of Manifolds Geometrical aspects of Mathematical Physics and Relations with Manifold Topology Applications of Smarandache multi spaces to theoretical physics Applications of Combinatorics to mathematics and theoretical physics Mathematical theory on gravitational fields Mathematical theory on parallel universes Other applications

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paper we use the one dimensional AH isometry to find the structure of the solutions of many neutrosophic differential equations. These equations will be handled by the algebraic direct image of the neutrosophic AH isometry taken in one dimension. Mathematical Combinatorics, Vol. 1/2008 Linfan Mao, Papers on flexibility of Embeddings of a Halin Graph on the Projective Plane curvature Equations on Combinatorial Manifolds with Applications to Theoretical Physics a Pair of Smarandachely Isotopic Quasigroups and Loops of the Same Variety and similar topics Contributors Arun S Muktibodh Han Ren Yun Bai Yuhua Fu Anjie Fushenglin Cao Guangxuan Wang and others. AH-Homomorphisms in Neutrosophic Rings and Refined Neutrosophic Rings Hasan Sankari, Mohammad Abobala, 2020-12-01 Algebraic relations between rings are determined by homomorphisms and isomorphisms. This paper introduces a new kind of algebraic functions between two neutrosophic rings to give more agility in the exploring of neutrosophic substructures properties where it generalizes the concept of AHS homomorphism in neutrosophic rings and refined neutrosophic rings Also it determines the algebraic structure of neutrosophic AH endomorphisms of the additive group of neutrosophic ring and refined neutrosophic ring

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