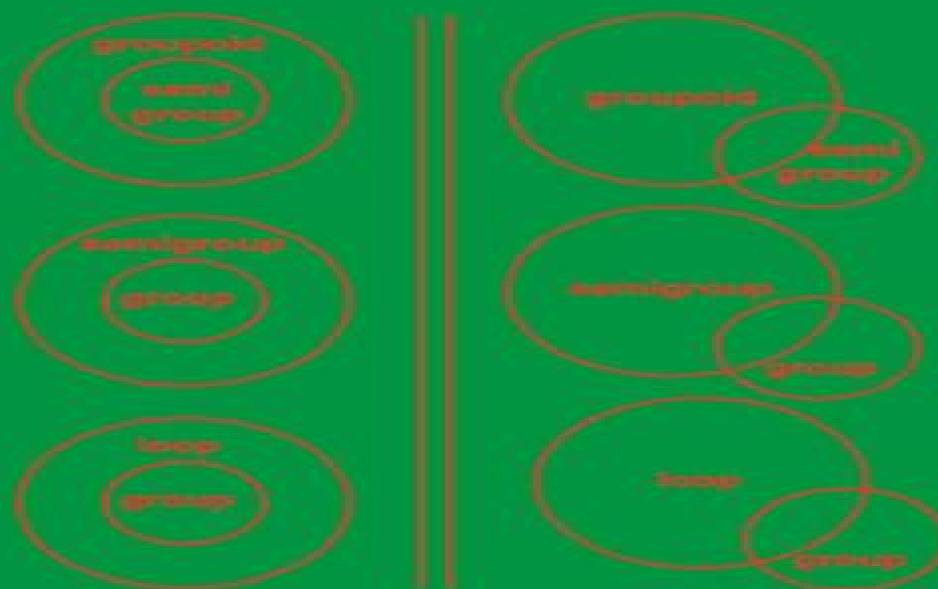


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SMARANDACHE FUZZY ALGEBRA



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Smarandache Fuzzy Algebra

Karin Nielsen-Saines



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Q-Smarandache Fuzzy Implicative Ideal of Q-Smarandache BH-Algebra Husein Hadi Abbass, Qasim Mohsin Luhaib, In this paper The notions of Q Smarandache fuzzy implicative ideal and Q Smarandache fuzzy sub implicative ideal of a Q Smarandache BH Algebra introduced examples are given and related properties investigated the relationships among these notions and other types of Q Smarandache fuzzy ideal of a Q Smarandache BH Algebra are studied *On a Q-Smarandache Fuzzy Commutative Ideal of a Q-Smarandache BH-algebra* Husein Hadi Abbass, Qasim Mohsin Luhaib, In this paper the notions of Q Smarandache fuzzy commutative ideal and Q Smarandache fuzzy sub commutative ideal of a Q Smarandache BH Algebra are introduced examples and related properties are investigated Also the relationships among these notions and other types of Q Smarandache fuzzy ideal of a Q Smarandache BH Algebra are studied **Smarandache Fuzzy Algebra** W.

B. Vasantha Kandasamy, 2003 *Smarandache Fuzzy Strong Ideal and Smarandache Fuzzy n -Fold Strong Ideal of a BH-Algebra* Shahrezad Jasim Mohammed, In this paper we define the concepts of a Q Smarandache n fold strong ideal and a Q Smarandache fuzzy strong n fold strong ideal of a BH algebra Also we study some properties of these fuzzy ideals On the structure of general algebras and its applications Young Joo Seo, In this thesis we discuss some structural theory of a d algebra which is a generalization of a BCK algebra and we discuss analytic real algebras We investigate several conditions for analytic real algebras to be d algebras Moreover we introduce the notion of a Smarandacheness to BCI algebras and obtain several properties on Smarandache fuzzy BCI algebras **Smarandache fuzzy BCI-algebras** Sun Shin Ahn, Young Joo Seo, The notions of a Smarandache fuzzy subalgebra ideal of a Smarandache BCI algebra a Smarandache fuzzy clean fresh ideal of a Smarandache BCI algebra are introduced Examples are given and several related properties are investigated

Smarandache Mihaly Bencze, 2019-12-10 Florentin Smarandache is a professor of mathematics at the University of New Mexico United States He got his MSc in Mathematics and Computer Science from the University of Craiova Romania PhD in Mathematics from the State University of Kishinev and Postdoctoral in Applied Mathematics from Okayama University of Sciences Japan He is the founder of neutrosophy generalization of dialectics neutrosophic set logic probability and statistics since 1995 and has published hundreds of papers and books on neutrosophic physics superluminal and instantaneous physics unmatter quantum paradoxes absolute theory of relativity redshift and blueshift due to the medium gradient and refraction index besides the Doppler effect paradoxism outerart neutrosophy as a new branch of philosophy Law of Included Multiple Middle multispace and multistructure hypersoft set degree of dependence and independence between neutrosophic components refined neutrosophic set neutrosophic over under off set plithogenic set neutrosophic triplet and duplet structures quadruple neutrosophic structures extension of algebraic structures to NeutroAlgebras and AntiAlgebras DSMT and so on to many peer reviewed international journals and many books and he presented papers and plenary lectures to many international conferences around the world Linear Algebra and Smarandache Linear Algebra W. B. Vasantha Kandasamy, 2003 In this book the author analyzes the Smarandache linear algebra and introduces several other concepts like the Smarandache semilinear algebra Smarandache bilinear algebra and Smarandache anti linear algebra We indicate that Smarandache vector spaces of type II will be used in the study of neutrosophic logic and its applications to Markov chains and Leontief Economic models both of these research topics have intense industrial applications The Smarandache linear algebra is defined to be a Smarandache vector space of type II on which there is an additional operation called product such that for all a, b in V ab is in V The Smarandache vector space of type II is defined to be a module V defined over a Smarandache ring R such that V is a vector space over a proper subset k of R where k is a field Mathematical Combinatorics, vol. I, 2014 Linfan Mao , Papers on Topological Model for Ecologically Industrial Systems Bounds for the Harmonious Coloring of Myceilskians Upper Singed Domination Number of Graphs Existence Results of Unique Fixed Point in 2 Banach Spaces Some Results in Fuzzy and Anti Fuzzy Group Theory and other topics Contributors Linfan Mao M Kamal Kumar B O Onasanya S A Ilori Buddhadev Pal Arindam Bhattacharyya Girish V R P Usha H B Walikar and others

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