# **Generalized N Fuzzy Ideals In Semigroups**

Fuzzy Semigroups Near Rings, Fuzzy Ideals, and Graph Theory Fuzzy and Neutrosophic Sets in Semigroups FUZZY IDEALS IN 1"-NEAR-RINGS Handbook of Research on Emerging Applications of Fuzzy Algebraic Structures Fuzzy Information & Engineering and Operations Research & Management Neutrosophic Fuzzy Ideals of Near-Rings Fuzzy Sets and Operations Research Neutrosophic Sets and Systems, vol. 51/2022 A new generalization of BE-algebras A new generalization of??-algebras Decomposition of Single-Valued Neutrosophic Ideal Continuity via Fuzzy Idealization

Soft Neutrosophic Groupoids and Their Generalization Fuzzy Abel Grassmann Groupoids Nearrings, Nearfields And Related Topics Fuzzy Mathematics Neutrosophic Theory and Its Applications, Vol. I Fuzzy Information and Engineering Volume 2 Fuzzy Lie Algebras Collected Papers. Volume IX

Fuzzy Algebra - Fuzzy Ideals Lecture 01: Introduction to Fuzzy Sets

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ideal and an anti (?,?)-N-fuzzy subsemigroup of S, then A is called a (?,?)-N-fuzzy bi-ideal of S De?nition 2.3 Let A be a (?,?)-N-fuzzy subsemigroup of S. Then A is

Generalized N-Fuzzy Ideals in Semigroups generalized fuzzy h-gamma ideals and generalized fuzzy k-gamma ideals of gamma hemirings and related properties are investigated We have shown that intersection of any family of generalized fuzzy (left, right) h-gamma ideals sk of a hemiring is a Download Generalized N Fuzzy Ideals In Semigroups Published16 Jan 2018. Abstract. The paper ...

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gamma ideals of gamma hemirings and related properties are investigated We have shown that intersection of any family of generalized fuzzy (left, right) h-gamma ideals sk of a hemiring is a

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Published16 Jan 2018. Abstract. The paper examines the generalized rough fuzzy ideals of quantales. There are some intrinsic relations between fuzzy prime (primary) ideals of quantales and generalized rough fuzzy prime (primary) ideals of quantales. Homomorphic images of "generalized rough ideals, generalized rough prime (primary) ideals, and generalized rough fuzzy prime (primary) ideals" which are incited by quantale homomorphism are examined.

Generalized Rough Fuzzy Ideals in Quantales
In this paper, we introduce the concepts of generalized fuzzy ®-ideals and fuzzy ®-ideals of semigroups, and study their related properties by fuzzy points. Identifiers . book ISBN: 978-1-4577-2120-5 book e-ISBN: 978-0-7695-4608-7 DOI 10.1109/ISdea.2012.737: Authors . Close. User assignment Assign yourself or invite other person as author. ...

Generalized Fuzzy alpha-ideals and Fuzzy alpha-ideals in ... Since it is known that every bi-ideal is generalized bi-ideal but the converse is not true, therefore, in these new types of fuzzy generalized bi-ideals every (??,??q?)-fuzzy bi-ideal is an (??,??q?)-fuzzy generalized bi-ideal. An example is

constructed which shows that the converse of the aforementioned statement is not true in general.

A Novel Approach toward Fuzzy Generalized Bi-Ideals in ... In mathematics, an ordered semigroup is a semigroup together with a partial order that is compatible with the semigroup operation. Ordered semigroups have many applications in the theory of sequential machines, formal languages, computer arithmetics, design of fast adders, and error-correcting codes. A theory of fuzzy generalized sets on ordered semigroups can be developed.

A study of generalized fuzzy ideals in ordered semigroups ... A fuzzy subset ? of an AG-groupoid ? is called an (?, ? ? Page 8/15

?)-fuzzy generalized bi-ideal of ? if ? ? ? ? and ? ? ? ? implies ((? ?) ?) m i n {?, ?} ? ? ? , for all ?, ?, ? ? and ?, ? ? (0, 1].

Generalized Fuzzy Quasi-Ideals of an Intraregular Abel ... Let A be a proper (?,?)-fuzzy interior ideal of S with Im(A) = {t 0, t 1, ?, t n}, where t 0 > t 1 > ? > t n and n ? 2. Then U ( A; t 0 ) ? U ( A; t 1 ) ? ? ? U ( A; t n ) = S is the chain of ?-level interior ideals of A.

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Generalized N Fuzzy Ideals In Semigroups

CiteSeerX - Document Details (Isaac Councill, Lee Giles, Pradeep Teregowda): In this paper, the concepts of (?, ?)-N-fuzzy bi-ideal and (?, ?)-N-fuzzy quasi-ideal were introduced which can be regarded as a gener-alization of conmen correspondence concepts, and some properties of (?, ?)-N-fuzzy bi-ideal and (?, ?)-N-fuzzy quasi-ideal were discussed.

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(PDF) Generalized Rough Fuzzy Ideals in Quantales
Abstract. In this chapter, the authors introduce the concepts of (?,??qk?)-fuzzy interior ideal in semigroup, which is a generalisation of (?,??qk)-fuzzy interior ideal and (?,??q)-fuzzy interior ideal in semigroup, and investigate some of its properties. They give example to show that (?,??qk?)-fuzzy interior ideal in semigroup is not an

(?,??qk)-fuzzy interior ideal and (?,??q)-fuzzy interior ideal in semigroup.

On More Generalized Fuzzy Interior Ideals in Semigroup ... ZHAN Jian-ming, et al. Generalized fuzzy ideals of near- r ings 345 (i) if J = (0 , 1], then  $\mu$  is an ordinary fuzzy s ubnear-ring (ideal) of R (Theorem 1.3); (ii) if J = (0 , 0 . 5 ], then  $\mu$  is ...

(PDF) Generalized fuzzy ideals of near-rings 37 Generalized roughness in -fuzzy ideals of hemirings be SVH. Then for every , we de?ne fuzzy subsets And . is the lower approximation and is the upper approximation of the fuzzy set ? with respect to the mapping F. The pair is called a  $\frac{Page}{12/15}$ 

rough fuzzy set if . 3. Lower and upper approximations of fuzzy ideals

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(xyz) > minf (x); (y); (z)g for all x;y;z 2 R. The fuzzy set of R is
called generalized anti fuzzy bi-ideals if (xwyvz) 6 maxf (x);
(y); (z)g, for all x;y;z;u;v 2 R. The generalized anti fuzzy biideals of R is called anti fuzzy bi-ideal if (xyz) 6 maxf (x); (y);
(z)g,for all x;y;z 2 R. 3.

ON GENERALIZED FUZZY GENERALIZED FUZZY BIIDEALS OF ...
INFORMATION SCIENCES 66,235-243 (1992) 235 Fuzzy
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Generalized BMdeals in Semigroups NOBUAKI KUROKI Department of Mathematics, Joetsu University of Education, Joetsu-shi, Niigata-ken, Japan 943 ABSTRACT We introduce the concept of a fuzzy generalized bi-ideal of a semigroup, which is an extension of the concept of a fuzzy bi-ideal (and of a nonfuzzy bi-ideal and a nonfuzzy ideal of a semigroup), and characterize regular semigroups, and both intraregular and left quasiregular semigroups in ...

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On generalized fuzzy ideals of ordered [equation ... db-fuzzy ideals 1 Introduction The fundamental concept of a fuzzy set was introduced by Zadeh in his classic paper [29], which provides a natural framework for generalizing some of the basic notions of algebra. Kuroki [10] introduced the notion of fuzzy bi-ideals in semigroups. A new type of fuzzy subgroup, that is

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