Fuzzy Dot Ideals And Fuzzy Dot H Ideals Of Bch Algebras

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Fuzzy Dot Ideals And Fuzzy
The homomorphic image and inverse image of fuzzy dot subalgebras and fuzzy dot ideals are studied. Also introduced the notion of fuzzy relations on the family of fuzzy dot subalgebras and fuzzy dot ideals of B-algebras and investigated some related properties. c 2014 World Academic Press, UK.

Fuzzy Dot Subalgebras and Fuzzy Dot Ideals of B - MAFIADOC.COM
In this paper, the notions of fuzzy dot subalgebras, fuzzy normal dot subalgebras, fuzzy dot ideals and fuzzy implicative dot ideals of distributive implication groupoids are introduced, and some...

Fuzzy dot ideals and fuzzy dot H-ideals of BCH-algebras
introduced the notion of fuzzy dot ideals of BCH-algebras as a generalization of the notion of fuzzy ideals of BCH-algebras. In 50-ties Henkin and Skolem first introduced the notion of Hilbert algebra (see,) as an algebraic counterpart of intuitionistic logic.

Fuzzy Dot Subalgebras and Fuzzy Dot Ideals of Distributive ...
Fuzzy Dot BCK/BCI-Algebras Arsham Borumand Saeid Department of Mathematics Shahid Bahonar University of Kerman, Kerman, Iran arsham@mail.uk.ac.ir Abstract In this paper the notion of fuzzy dot BCK-subalgebra is introduced. We state and prove some theorem in fuzzy dot BCK-subalgebra and level subalgebras. Mathematics Subject Classification ...

Fuzzy Dot BCK/BCI-Algebras
The concept of ($\in, \in \vee q$)-interval-valued fuzzy dot d-ideals in d-algebras is introduced. Relationship among interval-valued fuzzy d-ideal, interval-valued fuzzy dot d-ideal, ($\in, \in$)-interval-valued fuzzy d-ideal,($\in,

(PDF) (\in, \in \vee q)-Interval-valued Fuzzy Dot d-ideals ...
In this paper, the notions of fuzzy dot subalgebras is introduced together with fuzzy normal dot subalgebras and fuzzy dot ideals of B G-algebras.The homomorphic image and inverse image are investigated in fuzzy dot subalgebras and fuzzy dot ideals of B G-algebras.Also, the notion of fuzzy relations on the family of fuzzy dot subalgebras and fuzzy dot ideals of B G-algebras are introduced with ...

Fuzzy Dot Structure of BG-algebras - ScienceDirect
The homomorphic image and inverse image are investigated in fuzzy dot subalgebras and fuzzy dot ideals of -algebras. Also, the notion of fuzzy relations on the family of fuzzy dot subalgebras and...

(PDF) Fuzzy Dot Structure of -algebras
Since Λ (ε) and Δ (ε) are both fuzzy left ideals over S, and the intersection of two fuzzy left ideals is a fuzzy left ideal, this implies that Θ (ε) is a fuzzy left ideal over S. Therefore (Λ, Σ) ⋀˜ (Δ, Ω) is a fuzzy soft left ideal over S. 4. The fuzzy soft image and fuzzy soft inverse image of fuzzy soft semigroups (ideals ...

Fuzzy soft semigroups and fuzzy soft ideals - ScienceDirect
In particular we show that if μ and σ are fuzzy left (right) ideals of a ring R, then μ × σ is a fuzzy left (right) ideal of R × R and conversely if μ × σ is a fuzzy left (right) ideal of ...

(PDF) Fuzzy ideals in semigroups - ResearchGate
On fuzzy ideals and fuzzy hi-ideals 207 As is well-known [1, Lemma 2.13], if S is a regular semigroup, then L[a]= Sa for every a ~ S. A semigroup S is called right (left) zero if xy=y (xy=x) for all x, y ~ S. Then we have the following. "I]heorem 3.9. For a regular semigroup S lhe following conditions are equivalent. (1) The set of all ...

On fuzzy ideals and fuzzy bi-ideals in semigroups ...
The relations among fuzzy ideal, fuzzy H-ideal, fuzzy dot ideal and fuzzy dot H-ideals in BCH-algebras are discussed, several equivalent depictions of fuzzy dot ideal are obtained. How to deal with the homomorphic image and inverse image of fuzzy dot ideals (fuzzy dot H-ideals) are studied.

Fuzzy dot ideals and fuzzy dot H-ideals of BCH-algebras ...
By using the concept of (∈,∈∨q)-fuzzy ideals, Shabir, Jun and Nawaz (Shabir, Jun & Nawaz, 2010a) characterized regular semigroup. Khan, Sarmin, Khan and Khan (Khan, Sarmin, Khan & Khan, 2015) introduced the concepts of (α,β)-fuzzy bi-ideals and (α,β)-fuzzy bi-ideals of ordered semigroups and investigated some of its related properties.

On More Generalized Fuzzy Interior Ideals in Semigroup ...
concept of fuzzy dot ideals of BCK-algebras. In [12,13], Mostafa et al. applied the hyper structures to KU-algebras and introduced the concept.

(PDF) FUZZY DOT HYPER KU-IDEALS - ResearchGate
Conditions for an intervalvalued fuzzy d-ideal to be an (∈, ∈ ∨q)-interval-valued fuzzy dot dideals are given. Some properties of interval-valued fuzzy relations and interval-valued fuzzy ideals under homomorphism are investigated.

Vq)-Interval-Valued Fuzzy Dot d-Ideals of d-Algebras
In this paper, the notions of fuzzy dot subalgebras is introduced together with fuzzy normal dot subalgebras and fuzzy dot ideals of BG-algebras. The homomorphic image and inverse image are...

(PDF) Fuzzy Dot Structure of BG-algebras
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Yin initiated the concepts of fuzzy dot ideals and fuzzy dot H-ideals of BCH-algebras in. In, Saeid et al. discussed fuzzy n-fold ideals in BCH-algebras. The concept of a BCH-algebra was initiated by Hu and Li in and gave examples of proper BCH-algebras.

ON SUB-IMPLICATIVE ( )-FUZZY IDEALS OF BCH-ALGEBRAS
In this paper, we introduce the concept of kernel fuzzy ideals and ∗-fuzzy filters of a pseudocomplemented semilattice and investigate some of their properties. We observe that every fuzzy ideal cannot be a kernel of a ∗-fuzzy congruence and we give necessary and sufficient conditions for a fuzzy ideal to be a kernel of a ⁎-fuzzy congruence.

Fuzzy Ideals and Fuzzy Filters of Pseudocomplemented ...
In [18, 19], the idea of fuzzy ideals of -groups was defined, and various properties such as fundamental theorem of fuzzy ideals and fuzzy congruence were studied, respectively. In the present paper, we extend the idea of -fuzzy ideals of near-rings to the case of -groups and introduce the idea of fuzzy cosets with some results.

A Study on Fuzzy Ideals of -Groups
In this paper, the notions of fuzzy dot subalgebras, fuzzy normal dot subalgebras and fuzzy dot ideals of B-algebras are introduced and investigated some of their properties. The homomorphic image and inverse image of fuzzy dot subalgebras and fuzzy dot ideals are studied.

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