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Pages 645-652On ordered bi-Γ-ideals in ordered Γ-semigroups: Journal of ...In several applied disciplines like control engineering, computer sciences, error-correcting codes and fuzzy automata theory , the use of fuzzified algebraic structures especially ordered semi-groups and their fuzzy subsystems play a remarkable role.(PDF) A NEW FORM OF FUZZY GENERALIZED BI-IDEALS IN ORDERED ...Abstract. In this article, we try to obtain a more general form than (∈, ∈ ∨ q) Open image in new window-intuitionistic fuzzy bi-ideals in ordered semigroups.The notion of an (∈, ∈ ∨ q k) Open image in new window-intuitionistic fuzzy bi-ideal is introduced, and several properties are investigated.Characterizations of an (∈, ∈ ∨ q k) Open image in new window-intuitionistic ...Redefined intuitionistic fuzzy bi-ideals of ordered ...Let S be an ordered semigroup. 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In this paper, we define fuzzy generalized bi-ideals in ordered semigroups and we characterize regular and left weakly regular ordered semigroups by the properties of their fuzzy generalized bi-ideals.Fuzzy subsets, regular, left weakly regular ordered semigroups, left (resp. right, bi- and generalized bi-) ideals, fuzzy left (resp. right, bi- and generalized bi-) ideals in ordered ...CHARACTERIZATIONS OF ORDERED SEMIGROUPS BY THE PROPERTIES ...Minimal bi-ideals in ordered Γ-semigroups 3 The following theorem holds. Theorem 2.2 Let B be a bi-deal of an ordered Γ-semigroup S.Then (uΓBΓv] is a bi-ideal of S for every u,v ∈ S.In particular, (uΓSΓv] is a bi-ideal of S for every u,v ∈ S. Proof. Let x,y ∈ (uΓBΓv],γ,δ∈ Γ and s ∈ S.Then x ≤ c and y ≤ d for some c,d ∈ uΓBΓv.Then there exist a,b ∈ B and θ,ν,α ...A Note on Minimal Bi-Ideals in Ordered Γ-Semigroupsand gave some properties of fuzzy bi-ideals in terms of (, Ð éq)-fuzzy bi-ideals. Jun et al. 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Research Article Int-Soft (Generalized) Bi-Ideals of Semigroups YoungBaeJun 1 andSeok-ZunSong 2 Department of Mathematics Education, Gyeongsang National University, Jinju - , Republic of Korea

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A Note on Minimal Bi-Ideals in Ordered Γ-Semigroups

In several applied disciplines like control engineering, computer sciences, error-correcting codes and fuzzy automata theory , the use of fuzzified algebraic structures especially ordered semi-groups and their fuzzy subsystems play a remarkable role.

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