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2 Fuzzy Inference System (FIS) This Section Introduces The Principles Of Fuzzy System Logic, And The Regular Steps Used In The Fuzzy Inference System Including: Fuzzification, Inferencing, And Defuzzification Processes. 2.1 FIS Principles In 1965, Lotfi Zadeh Presented The Big Contribution Of The Fuzzy Logic Tool, As A Mathematical Tool ... May 10th, 2024.

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The Cardinality Of Fuzzy Sets Are Then Introduced In The Chapter 3. A Survey Of Fuzzy Sets Notions Is Given In The Second Section. In The Fourth Section The Fuzzy Algebras Are Introduced. The Feb 5th, 2024  
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444 G. MOHANRAJ AND M. VELA Theorem 3.4. The Fuzzy Set Is A S-fuzzy Generalized Bi-ideal Of R If And Only If  $S \subseteq S \subseteq S$ . Proof. For A S-fuzzy Generalized -bi-ideal Of R And If X Cannot Be Expressible As  $X = Awbvc$ ; Then  $(S \subseteq S \subseteq S)(x) = 1 > (x)$ : Now,  $((S \subseteq S) \subseteq S)(x) = \inf_{x=uv} S((S \subseteq S)(u); S(0($  May 17th, 2024  
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