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Russell Eberhart, Senior Member, IEEE, And Yaobin Chen, Member, IEEE Abstract— In This Paper, Evolutionary Fuzzy Systems Are Dis-cussed In Which The Membership Function Shapes And Types And The Fuzzy Rule Set Including The Number Of Rules Inside It Are 22th, 2024 Implementation Of Fuzzy And Adaptive Neuro-Fuzzy Inference ...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 ... 14th, 2024.

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The 17th, 2024 ON GENERALIZED FUZZY GENERALIZED FUZZY BI-IDEALS OF ... 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  $(S \subseteq S \subseteq S)(x) = 1 > (x)$ :

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