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500 HZ Is Applied To The Signal (using MATLAB Signal Processing Toolbox). (levels). This Is Called The Wavelet Decomposition Tree As Figure 3: A Voice Signal Sample BEFORE Noise Removal. Jan 1th, 2024

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# **A Simple Fuzzy Neural Network**

Figure 1. A Backpropagation Neural Network. As The Weights W Vary, The NN Function Varies, And So A Particular Form Of

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Basic Idea Of Fuzzy C-means Is To Find A Fuzzy Pseudo-partition To Minimize The Cost Function. A Brief Description Is As Follows: (1) In Above Formula, X I Is The Feature Data To Be Clustered; M K Is The Center Of Each Cluster; U May 1th, 2024

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Fuzzy Logic Is Not Logic That Is Fuzzy, But Logic That Is Used To Describe Fuzziness. Fuzzy Logic Is The Theory Of Fuzzy Sets, Sets That Calibrate Vagueness. Fuzzy Logic Is Based On The Idea That All Things Admit Of Degrees. Temperature, Height, Speed, Distance, Beauty All Come On A Sliding Scale. The Motor Is Running Really Hot. Apr 1th, 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 0 S S 0 S . Proof. For A S-fuzzy Generalized -bi-ideal Of R And If X Cannot Be Expressible As X = Awbvc; Then (S 0 S S 0 S)(x) = 1 > (x): Now, ((S 0 S) S 0 S)(x) = 1 > (x):

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