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Used To Approximate A Nonlinier And Multivariable System. It Is Shown How The Premise Fuzzy Set And The Corresponding Consequent Parameters Of The TS Model Can Be Derived From Clusters Obtained By The Gustafson-Kessel Algorithm. Application To Nonlinear Multivariable Quadrupole Tank Process Shows Good 4th, 2024A Conditional Fuzzy Clustering With Adaptive MethodConstructing Rule-based Fuzzy Model. Chiu Developed A Fuzzy Clustering Approach [5,6], Called Subtractive Clustering, For Extracting The Takagi–Sugeno Fuzzy Rules From Data, Where The Rule Output Is Not Fuzzy But A Linear Function Of Inputs. To Optimize These Rules, Chiu Used The ANFIS [11] Approach 2th, 2024.

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