CSE5301   Neuro-Fuzzy Computing

Tutorial/Assignment 4: Fuzzy Inference Systems

About this tutorial

The objective of this tutorial is to study:

- The Fuzzy Logic Toolbox for MATLAB.

Repeat a selected examples from: *Fuzzy Logic Toolbox. User's Guide.* In particular concentrate on the following examples:

1. `tipper`,

2. `tank`

3. `cart`

4. ANFIS ex. 1

5. ANFIS ex. 2

6. Using **anfis** for Chaotic Time-Series Prediction (p. 2-102)

7. 2-D Clusters

8. Suburban Commuting

Write a short description of each example. Attach results that you have obtained.