MEMC-5173
Intelligent Tools for Engineering Applications

Assignment #2
Due time: <mark>5:30PM, Wednesday, Feb. 7</mark>

Q1
Question 2.28 from Book 1

Q2
Question 2.20 from Book 1. Redo Example 2.16 using other types of implications, and make necessary analysis.

Q3
For Example 3.4 from Book 2 on page 52, determine $\Re_1 \circ \Re_2$ in the degrees of relevance between $(1, a)$, $(1, b)$, $(3, a)$, $(3, b)$, by max-min and max-product compositions, respectively.

Q4
Question 3.6 from Book 2: Plot the MFs over [0,100].

Q5
Question 3.10 from Book 2: Use a truth table to verify Equation (3.19).