

# CS836 Rough Sets and Applications

## Assignment 5

Available on March 29, 2018

Due date: April 12, 2018

1. Discuss the concept of three-way decision in rough set theory (i.e., three types of rules).
2. Describe the Pawlak three-step data analysis.
3. Describe rough set approximations in an incomplete information table based on possible world semantics.
4. Describe the main ideas of three-way decisions.
5. Search the Web and give five examples in which three-way decision is used.