

24-787: Machine Learning and Artificial Intelligence for Engineers

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Homework 1

Due: Jan 27 2024

Concept Questions:

Problem 1

- a. Regression problem.
- b. Classification problem.

Problem 2

- a. The network's test loss value is 0.035.
- b. The network's test loss value is 0.020.
- c. The network's test loss value is 0.018.

Problem 3

Vector d is in the direction of gradient descent.

Problem 4

- a. Class B.
- b. Class R.