CH5019 Mathematical Foundations of Data Science

Course Project

Due on May 15, 2024 at 11:00 pm

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Problem 1

1. Question Suppose θ is to be estimated such that a function of $\mathbf{v}$ is minimized.

   (a) Q1.

   (b) Q2.

   (c) Q3.

   Solution

   Given,

Problem 2

2. Question Suppose θ is to be estimated such that a function of $\mathbf{v}$ is minimized.

    (a) Q1.

    (b) Q2.

    (c) Q3.

Solution

Given,