HW5

June 6, 2023

STAT 207 HW5

Due June 13th

Your Name

All homeworks should be completed independently; make your answers and codes as concise as possible; avoid excessive outputs; submit BOTH your source code and output file to Canvas.

Please refer to the textbook for full statements of the problems.

1. NAS Problem 23.8.1

Consider the integral $\int_0^1 \cos(\pi x/2)\, dx = \frac{2}{\pi}$ ...

2. NAS Problem 25.9.3

In the Bernoulli-Laplace model, ...

3. NAS Problem 26.7.1

Implement a Metropolis-driven random walk to generate Poisson deviates with mean λ. ...

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