ECE250: Signals and Systems
Quiz7
1 November, 2023

Max Marks: 10 Time: 30 mins

Guidelines

- Write your name and roll no. on your answer sheet.

- Do all questions in sequence. **Institute Plagiarism Policy** is applicable.

1.[CO4] Compute the Fourier transform of the given signal.

$$x(t) = e^{-3|t-1|} sin2t$$

Sketch the magnitude and phase of the Fourier transform.