408L CLASS PROBLEMS

FEBRUARY 12TH, 2020

Problem 1. Find \( \int x^2 \cos(2x)\,dx \).

Problem 2. Find \( \int \frac{x}{x^3}\,dx \).

Problem 3. Find \( \int \log(x)\,dx \).

Problem 4. Find \( \int e^x \sin(x)\,dx \).