

408L CLASS PROBLEMS

JANUARY 29, 2020

Problem 1. Find $\int \cos(x)e^{\sin(x)} dx$.

Problem 2. Find $\int \frac{x^3}{\sqrt{1+x^4}} dx$.

Problem 3. Find $\int \frac{x}{1+x^4} dx$.

Problem 4. Find $\int \frac{\cos(x)}{2-\cos^2(x)} dx$.