

408L CLASS PROBLEMS

FEBRUARY 17TH, 2020

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

Problem 2. Find $\int \cos^3(x) dx$.

Problem 3. Find $\int \cos^2(x) dx$.

Problem 4. Find $\int \sin^2(x) \cos^2(x) dx$.

Problem 5. Find $\int \frac{\sin(x)}{\cos^3(x)} dx$.

Problem 6. Find $\int \frac{\sin^3(x)}{\cos^3(x)} dx$.