

MATH 223 Spring 2025
Assignment 24
Due: Monday, April 21

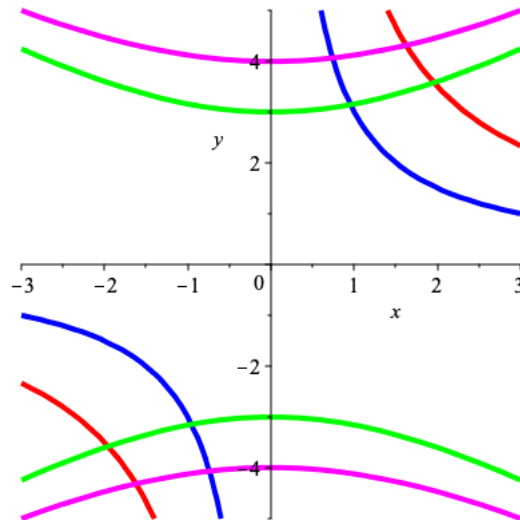
Reading

Read carefully Section 6.5 “Improper Integrals” in our text *Multivariable Calculus: A Linear Algebra Based Approach*.

Writing

Write out careful and complete solutions of Exercises 21, 22, 24, 26 and 27 of Chapter 6.

Recall: $\int \sec^3 \theta \, d\theta = \frac{\ln(\sec \theta + \tan \theta)}{2} + \frac{\sec \theta \tan \theta}{2} + C$



See Exercise 26

