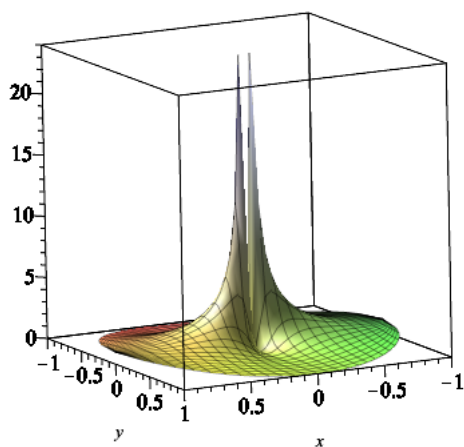Assignment 25
Due: Monday, November 13

Reading

Read carefully Section 6.6.1 "Probability" in our text *Multivariable Calculus: A Linear Algebra Based Approach*.
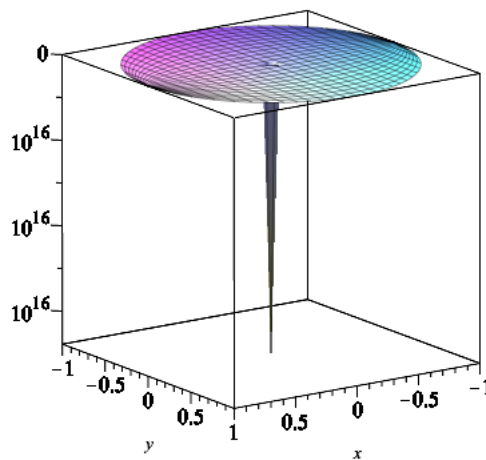
Writing

Write out careful and complete solutions of Exercises 28abcd, 30, 31, 32 and 33 of Chapter 6.

Problem 31a

Plot of $f(x,y) = \dfrac{x^2}{(x^2+y^2)^{3/2}}$

Problem 31b

Plot of $f(x,y) = \dfrac{\ln(x^2+y^2)}{\sqrt{x^2+y^2}}$