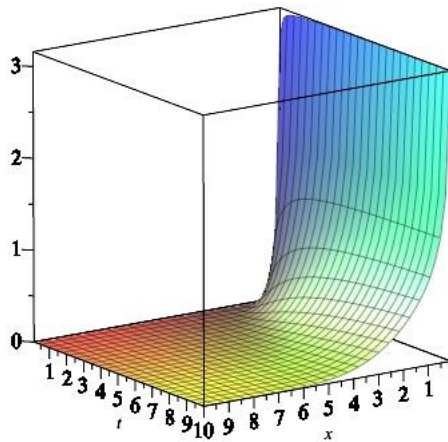MATH 223 Fall 2022
Assignment 7
Due: Wednesday, September 28

Reading

Read carefully Sections 3.5 "Applications" in our text *Multivariable Calculus: A Linear Algebra Based Approach.*

Writing

Write out careful and complete solutions of Exercises 24 abc, 25 abc, 26 ac, 27, 29 in Chapter 3. (If you still have earlier version, these are Exercises 17 abc, 18abc, 19ac, 20, 22).

Exercise 22: Plot of $u(x,t) = \dfrac{e^{-\frac{x^2}{t}}}{\sqrt{t}}, \dfrac{1}{10} < x < 10, \dfrac{1}{10} < t < 10$