Math 54 Lec 006 Quiz 10

Tuesday, July 31, 2018

Justify your assertions; include detailed explanation, and show your work. Closed book exam, no sheet of notes and no calculator. This quiz is worth 9 points total.

1. (5 points) Find the general solution to the differential equation

$$y'' - 2y' + y = \frac{e^x}{x^2}$$

2. (4 points) Find the general solution to the differential equation

$$y'' + 16y = te^t$$