

Math 276 Discussion Worksheet 13

1. Solve the following initial value problem.

$$y'' + 2y' + 2y = 0, \quad y(0) = 0, \quad y'(0) = 1$$

2. Solve the following initial value problem.

$$y'' - y = 4e^{-x}, \quad y(0) = 0, \quad y'(0) = 0$$