

Math 3280 Worksheet 25:
Second order linear homogeneous ODEs with constant coefficients

Group members (2 to 4): _____

(1) Solve the initial value problem $4y'' - 4y' + 5y = 0$, $y(0) = 1$, $y'(0) = 0$.

(2) Solve the initial value problem $4y'' + 4y' + y = 0$, $y(0) = 0$, $y'(0) = 1$.