Worksheet 12: Higher Order Equations

MATH 2310, Spring 2019   Grade: / 40

Find the general solution to the given differential equations.

1. (10 pts) $y^{(4)} - 5y'' + 4y = 0$

2. (10 pts) $y^{(4)} - 4y''' + 4y'' = 0$

3. (20 pts) $y^{(6)} + y = 0$