

Dartmouth College
Mathematics 23 - Assignment 10

1. (Lebl 2.5.7 modified)
 - (a) Use variation of parameters to find a particular solution of $y'' - 2y' + y = e^x$.
 - (b) Find the general solution to this equation.
 - (c) Also solve the equation using the method of undetermined coefficients.
2. Boyce and DiPrima, Sec. 3.6:11
3. Boyce and DiPrima, Sec. 3.6:15
4. Boyce and DiPrima, Sec. 3.6:29