

Math 3331- HW6

1. Solve

$$y'' - y' = 30x^4 - 6x^5$$

using each of the three methods :

- (i) Reduction of Order
- (ii) Method of Undetermined Coefficients
- (iii) Variation of Parameters

2. Solve using any method.

$$y'' - 2y' + y = e^x \ln x$$

Due: Friday March 30, 2018