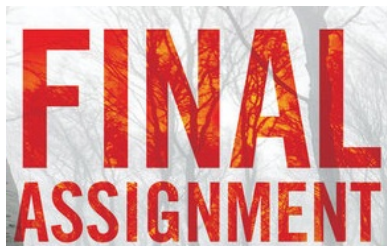


MATH 226 Differential Equations
Assignment 23



Due: Monday, May 16

Find a power series solution for each of the following differential equations:

1. $y' = 3 - 2y$

2. $y' = x + y$

3. $y' = xy$

4. $y'' + y = 0$

5. $xy'' + y' + xy = 0$