

4.4 Nonhomogeneous Equations - The Method of Undetermined Coefficients

Name:

Date: June 4, 2013

P 9. Find a particular solution to

$$y'' + 2y' - y = 10.$$

P 12. Find a particular solution to

$$2x' + x = 3t^2.$$

P 14. Find a particular solution to

$$y'' - y' + 9y = 3 \sin 3t.$$

P 16. Find a particular solution to

$$\theta''(t) - \theta(t) = t \sin t.$$