
Differential Equations

Math 341 Spring 2005
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MWF 8:30 - 9:25am Fowler North 2
<http://faculty.oxy.edu/ron/math/341>

Week 6

Monday February 21: *Class Cancelled (Presidents Day)*

Wednesday February 23 *Class 15:*

Homogeneous Linear ODEs with Constant Coefficients. We will investigate techniques for finding solutions of homogeneous linear ODEs with constant coefficients.

Reading:

Zill, (Section 4.3, 4.4, 4.5)

Homework Set #6: (*due Friday February 18*)

Section 4.3: 6*, 16*, 23*, 33* *EXTRA CREDIT 43,44,45,46,47,48*

Section 4.6: 5*, 16*, 19* *EXTRA CREDIT 30*

BONUS QUIZ #3 Due

QUIZ #5 Due

Friday February 25 *Class 16:*

Solving Nonhomogeneous DEs with Constant Coefficients. We will investigate techniques for finding solutions of solving nonhomogeneous DEs with constant coefficients: *the method of undetermined coefficients.*

Reading:

Zill, (Section 4.4 and 4.5)

Homework Set # 7: (*due Friday March 4*)

Zill, Section 4.4: 2*, 9*, 12*, 37* *EXTRA CREDIT 30*

Quiz #6

BONUS Quiz #4 online