

VANDERBILT UNIVERSITY

MATH 2610 – ORDINARY DIFFERENTIAL EQUATIONS

Group project

Directions. The group project must be completed in groups of at most three students. Due: April 17.

Choose one of the projects listed below. If you would like to work on a different project (which could be a different project from the textbook, a theorem stated but not proved in class, etc.), please see your professor to discuss the matter. Questions involving a computer or calculator are mandatory (for projects that have them).

- Chapter 1, Project A.
- Chapter 1, Project C.
- Chapter 1, Project D.
- Chapter 4, Project B.
- Chapter 4, Project C.
- Chapter 4, Project D.
- Chapter 5, Project A.
- Chapter 5, Project B.
- Chapter 5, Project D.
- Chapter 5, Project F.
- Chapter 9, Project A.
- Chapter 9, Project B.
- Chapter 9, Project C.
- Chapter 12, Project A.
- Chapter 12, Project B.
- Chapter 12, Project C.
- Chapter 12, Project E.
- Chapter 13, proof of Theorems 3 and 4.