Ph 136b 17 January 2000

CHAPTER 12: Foundations of Fluid Mechanics

Reading:

Chapter 12 of Blandford and Thorne.

TA:

This problem set will be graded by Xinkai Wu.

Problems

NOTE: If any problem is trivial for you, do not do it. Simply state that it is trivial and pick some other problem to do instead, or make up your own problem related to the chapter.

A. Ex. 12.6 Von Zeipel's Theorem
B. Ex. 12.8 A Hole in My Bucket
C. Ex. 12.9 Crocco's Theorem
D. Ex. 12.12 Collapse of a Bubble
E. Ex. 12.16 Interpretation of Vorticity