

Due October 18, 2010

MTH 2140 Homework 6

Instructions: You may consult any sources, human or otherwise. Each student should write up his or her own work. Please cite your sources.

1. Reading: Sections 5.3-5.4
2. Section 5.3 #3,9,14,15,16
3. Section 5.4 #1,6,20,21,22,23 (figure 5.41 on page 509 gives a physical context for the system studied in problem 23)