

Homework 6

Due Wednesday, November 11, 2009

1. Exercise 7.1, Chapter 7 of Trefethen-Bau.
2. Exercise 7.2, Chapter 7 of Trefethen-Bau.
3. Exercise 7.4, Chapter 7 of Trefethen-Bau.
4. Exercise 10.1, Chapter 10 of Trefethen-Bau.
5. *Bonus problem: Exercise 6.5, Chapter 6 of Trefethen-Bau.* This is for extra-credit only and may be a bit more difficult. [A projector is a matrix obeying $P^2 = P$.]