

1. Do 6.1 on page 47 of Trefethen and Bau.
2. Do 6.4 on page 47 of Trefethen and Bau.
3. Do 7.1 on page 55 of Trefethen and Bau.
4. Do 6.5 on page 47 of Trefethen and Bau.
5. Do 7.3 on page 55 of Trefethen and Bau.
6. Do 10.1 on page 76 of Trefethen and Bau.

**Matlab Exercises: Turn in all code and plots for each problem, along with a concise writeup answering the questions asked.**

1. Do 9.1 on page 68 of Trefethen and Bau.
2. Do 9.3 on page 68 of Trefethen and Bau.
3. Do 11.2 part (a) on page 85 of Trefethen and Bau.