

**UT-Dallas**  
**EE 6328 — Nonlinear Optics**  
**Spring 2001 — Prof. Cantrell**  
**Assignment 5 (due April 19, 2001)**

**Reading:**

1. Govind Agrawal, *Nonlinear Fiber Optics*, Chapter 10.
2. Professor Cantrell's [notes on four-wave mixing](#)

**Graded Exercises:**

1. Agrawal, *Nonlinear Fiber Optics*, Problem 7.2.
2. Agrawal, *Nonlinear Fiber Optics*, Problem 7.3.
3. Agrawal, *Nonlinear Fiber Optics*, Problem 7.4.
4. Agrawal, *Nonlinear Fiber Optics*, Problem 7.8.
5. Agrawal, *Nonlinear Fiber Optics*, Problem 7.10.
6. Agrawal, *Nonlinear Fiber Optics*, Problem 7.11.