

**HOMEWORK #7**  
**Due at the start of Class on Thursday 11/30/06**

**Readings:**

Review chapter 5; Read chapters 6 and 7.

**Problems:**

1. Prince and Links: Problem 12.1; . For the time that you calculate for this problem, what will the phases be at  $z = 0.25$  cm, 0.5 cm and 0.75 cm?
2. Nishimura: Problem 5.1
3. Nishimura: Problem 5.6
4. Nishimura: Problem 5.7
5. Nishimura: Problem 6.1
6. Nishimura: Problem 6.5
7. Nishimura: Problem 7.3