Reading Assignments - see lesson handouts

**March 22 class** - Lessons 5.1, 1.5 (problem 2), review for quiz 2
Assignment due at start of class (2 points)
1. Write out the complete set of Maxwell’s equation in point form.
2. Does the displacement current represent a flow of charged particles?

**March 24** - No class
Quiz 2 - 7-9 PM in Amos Eaton 214
TA office hours 2-6 PM in JEC 4107

**March 25 & 26 classes** - Lesson 4.1
Assignment due at start of class (2 points)
1. Draw a model of a transmission line with lumped elements. (Hint: You should use inductors and capacitors).

**March 29 class** - Lessons 1.5 & 4.3
Assignment due at start of class (2 points)
For the transmission line problem shown below determine
1. the value of $\beta$,
2. the reflection coefficient at the load
3. the voltage standing wave ratio, VSWR

**March 31 class** - Lesson 4.4
Assignment due at start of class (2 points)
1. In the transmission line circuit below, the function generator is operated at a frequency where $\lambda = 8$ m. What is the input impedance at $z=0$?
2. What is the magnitude of $V_{in}$ at $z=0$ in the problem below?

**April 1 & 2 classes**
Open shop to work on Homework 6. Due at 5 PM on April 2.