

EECS 311 Electromagnetic Fields II
Spring 2003

Homework #1:

Due January 24th

Basic transmission line problem with resistive loads	2-2
Ringings is often encountered when the source or load impedance is less than the cable characteristic impedance	2-3
You are actually propagating two steps when you launch a pulse — one positive going followed by a negative going one. Both require a bounce diagram.	2-4
Cascaded transmission lines — just treat the second line like a load to the first line, etc. The bounce diagram can get complicated since there will be two reflections —one at the junction between the transmission lines and the other at the load.	2-8