Lecture 10 S-Parameters
What is driving point impedance? What is the driving point impedance of an infinite line?
How does the driving point impedance of a terminated line driven by a square pulse vary with time?
How do you calculate the driving point impedance of a terminated line driven with a sinusoid?
What is a port?
What is a 1 port model and how does it relate to Thevenin impedance?
Why can't Thevenin impedance be used on two port circuits?

Can 1 port and 2 port models that we discuss capture non-linearity? What if the signals are small?
What equations and circuit models describe Z-parameters?
What loads and test sources do you attach to your 2 port to measure Z-parameters?
What are the Z-parameters of a resistor divider?
What are two reasons that we don't we use Z-parameters for RF measurements?
What are the iniput and output variables for S-parameters?
What loads and test sources to you attach to your to port to measure S-parameters?