ELEC 306
Problem Set 1
Due: September 5, 2014

Homework Problems.
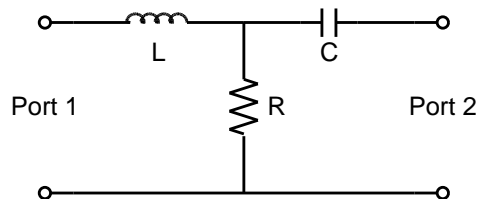Work the following problems in Sadiku:

H1.1 11.62

H1.2 11.64

H1.3 A lossless cable has parameters $L = 0.42\ \mu\text{H/m}$ and $C = 80\ \text{pF/m}$. Find the velocity and the characteristic impedance of the cable.

H1.4 Find the **Z** matrix for the following 2-port network:

Real Problems.
None this week.