

ELE 491
Spring 2014

Homework 4

Due 4/6

Beginning of Class

Create a behavioral model for the VCO described in class.
Run a spice simulation of your model running 10 cycles at
10Khz. (this is a transient simulation with V_{in} and the components chosen to give a
10KHz output)

Provide:

- a) schematic
- b) simulation result