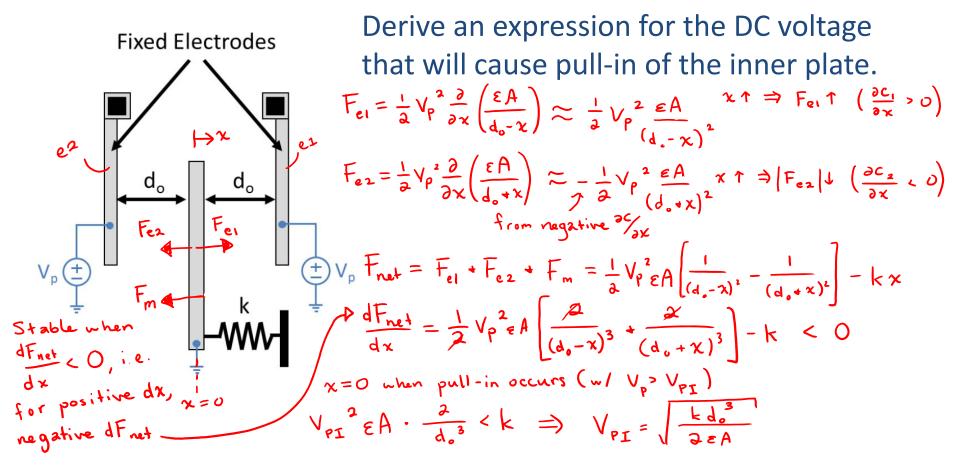
EE 247B / ME 218 Discussion 11

Kieran Peleaux



Capacitive Transducers



Note that although the inner plate experiences equal forces on both sides, it would snap into one of the electrodes without a spring attachment since a tiny motion (e.g. due to thermal noise) would generate a force imbalance.

Cadence Setup

- Tutorial posted on course website, along with tech file and display.drf file
- Can connect to instructional machines
 - hspe-9.eecs.berkeley.edu hspe-15.eecs.berkeley.edu
 - c125m-6.eecs.berkeley.edu c125m-24.eecs.berkeley.edu
 - Use ssh client (PuTTY works for Windows) with X11 enabled & X windows server of your choice (Xming is free and easy to run)
 - For Macs, you can run the following command in Terminal, provided you have XQuartz installed (replace x's with your username/machine number of choice)

ssh -Y cs199-xxx@hspe-x.eecs.berkeley.edu

- After running cadence-setup.csh, use virtuoso6 to run Cadence (as opposed to icfb2)
- Use hotkeys! List of common layout shortcuts posted on course website

