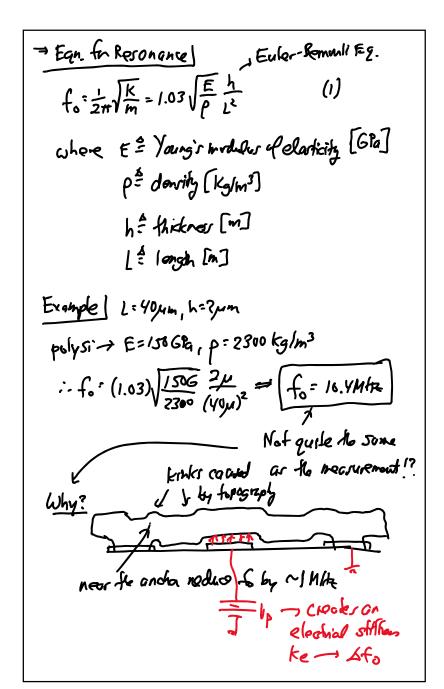
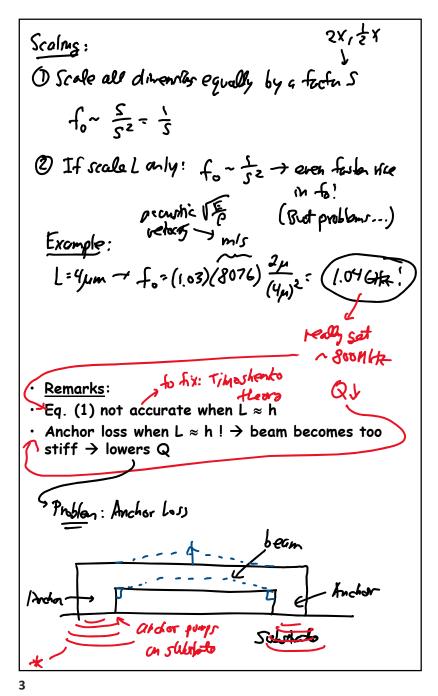
Lecture 3: Benefits of Scaling II

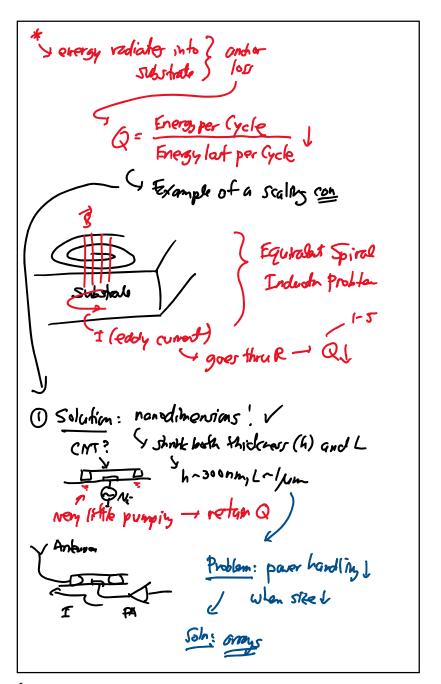
- · Announcements:
- · Modules 1 & 2 are online
- · HW#1 online and due Feb. 11 at 8 a.m.
- -----
- · Today:
- · Reading: Senturia, Chapter 1
- · Lecture Topics:
 - **Benefits of Miniaturization**
 - **Sexamples**
 - -GHz micromechanical resonators
 - -Chip-scale atomic clock
 - -Micro gas chromatograph
- -----
- · Last Time:
- Going through Module 2, looking at how scaling vibrating RF MEMS provides both benefits and problems that one must circumvent
- · Continue with this now



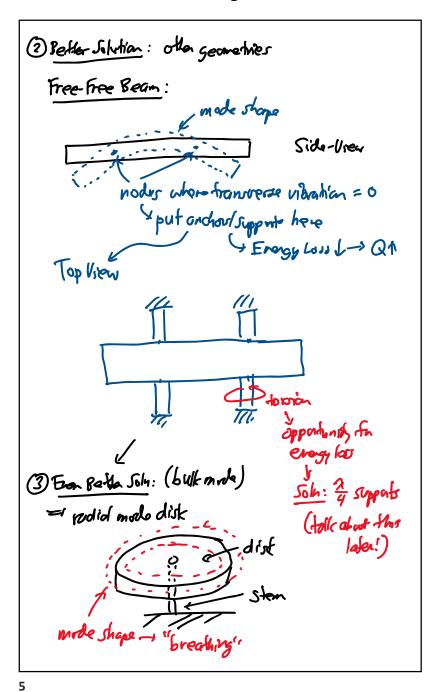
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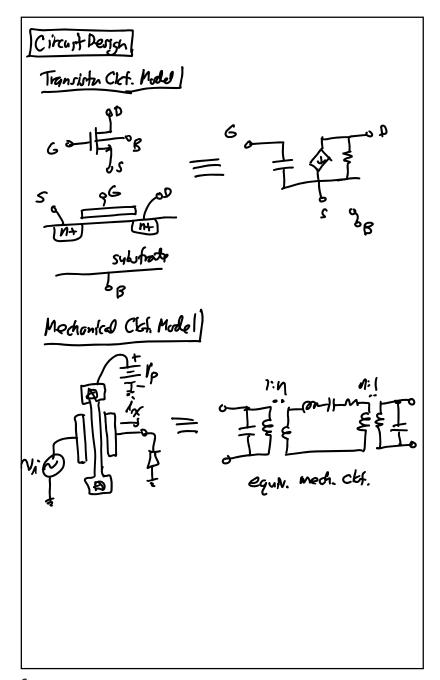
Lecture 3w: Benefits of Scaling II





Lecture 3w: Benefits of Scaling II





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