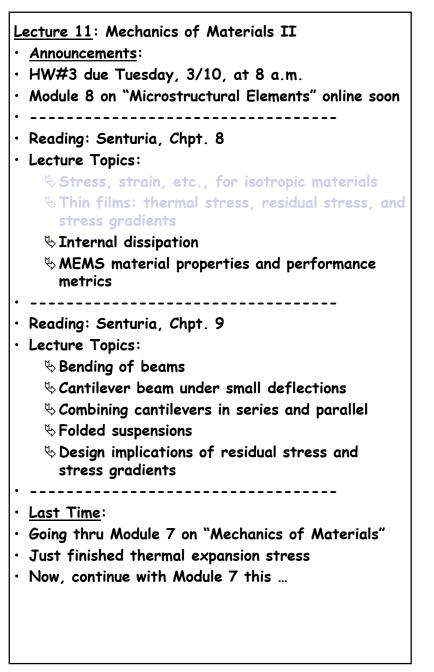
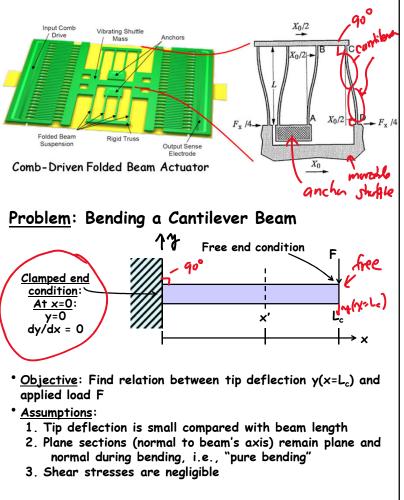
## <u>EE C247B/ME C218</u>: Introduction to MEMS Design <u>Lecture 11w</u>: Mechanics of Materials II



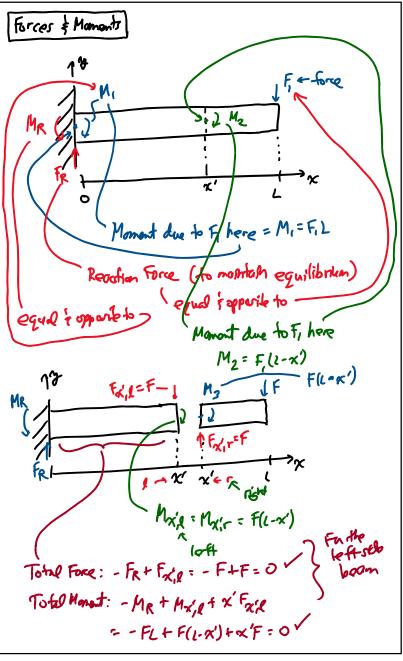
- Springs and suspensions very common in MEMS
- Coils are popular in the macro-world; but not easy to make in the micro-world
- Beams: simpler to fabricate and analyze; become "stronger" on the micro-scale → use beams for MEMS



2

## Copyright © 2020 Regents of the University of California

<u>EE C247B/ME C218</u>: Introduction to MEMS Design <u>Lecture 11w</u>: Mechanics of Materials II



3

Copyright © 2020 Regents of the University of California

CTN 2/27/20