

EE C247B - ME C218
Introduction to MEMS Design
Spring 2020


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Lecture Module 8: Microstructural Elements

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Outline

- Reading: Senturia, Chpt. 9
- Lecture Topics:
 - ↳ Bending of beams
 - ↳ Cantilever beam under small deflections
 - ↳ Combining cantilevers in series and parallel
 - ↳ Folded suspensions
 - ↳ Design implications of residual stress and stress gradients

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Bending of Beams

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