

EE C247B - ME C218 Introduction to MEMS Design Spring 2019

Prof. Clark T.-C. Nguyen

Dept. of Electrical Engineering & Computer Sciences
University of California at Berkeley
Berkeley, CA 94720

Lecture Module 8: Microstructural Elements

EE C245: Introduction to MEMS Design

LecM 8

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9/28/07



Outline

- Reading: Senturia, Chpt. 9
- Lecture Topics:
 - ♦ Bending of beams
 - ♥ Cantilever beam under small deflections
 - Combining cantilevers in series and parallel

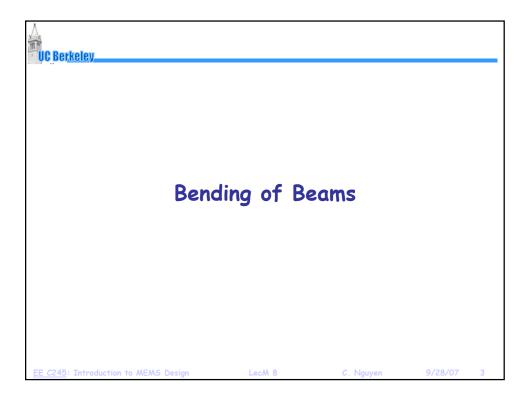
 - 🖔 Design implications of residual stress and stress gradients

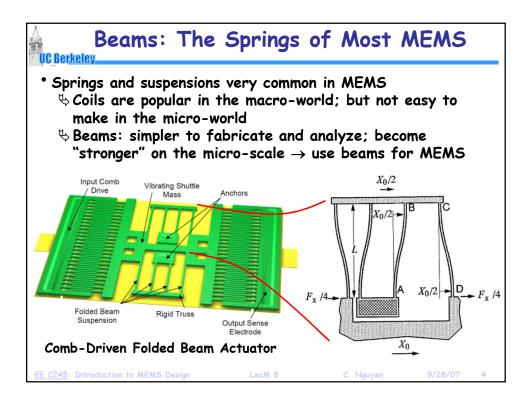
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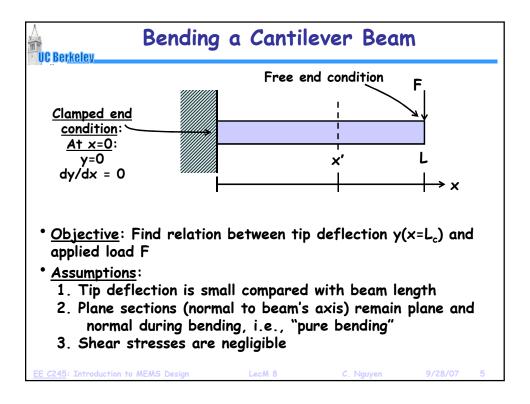
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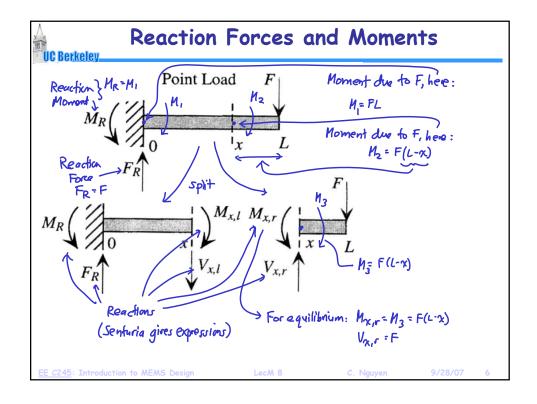
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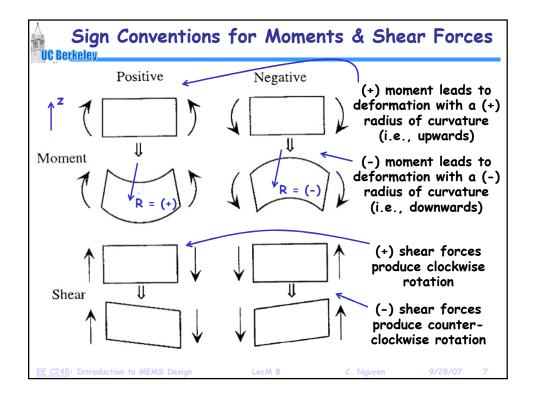
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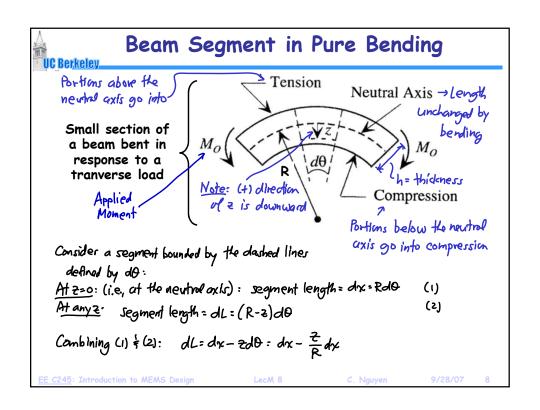


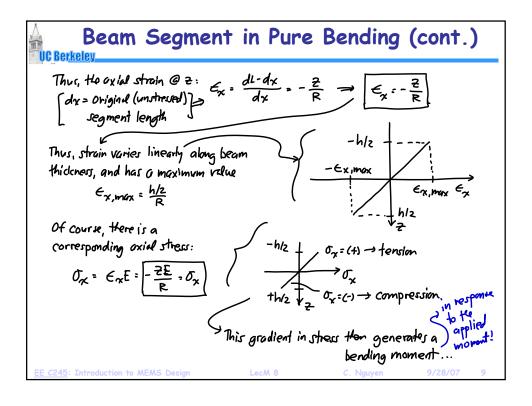


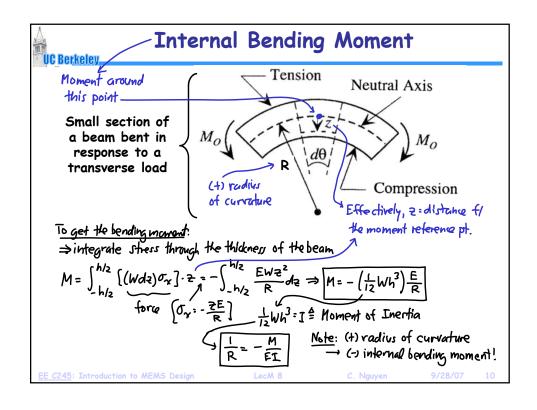


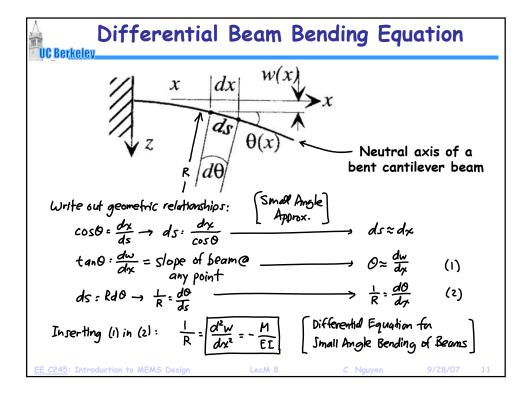




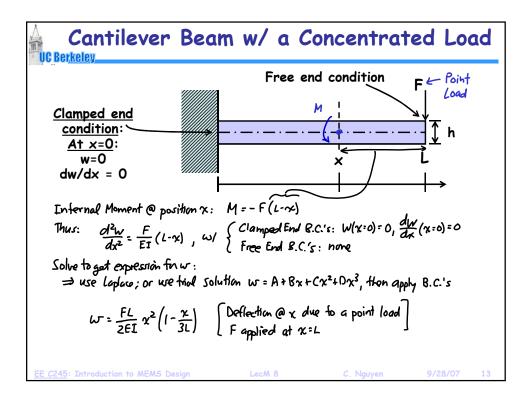


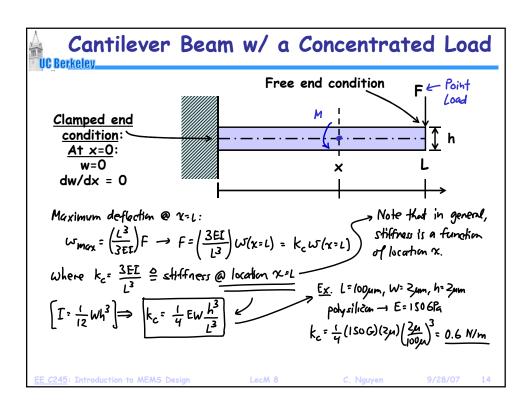


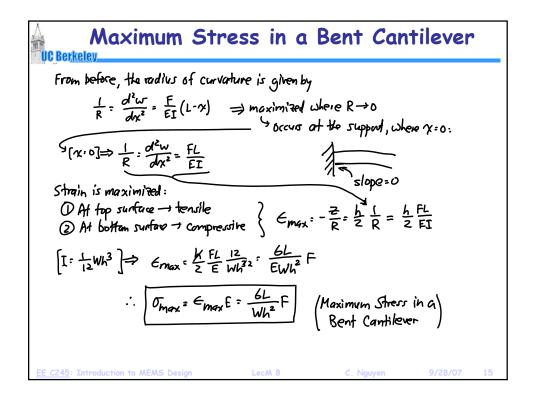




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