Lecture 12m2: Mechanics of Materials



Prof. Clark T.-C. Nguyen

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

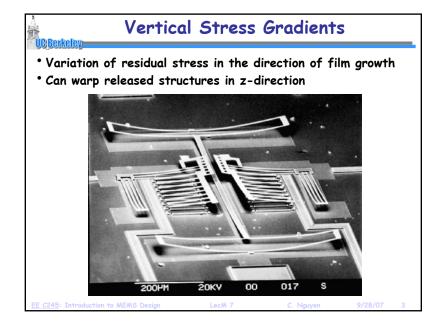
Lecture Module 7: Mechanics of Materials

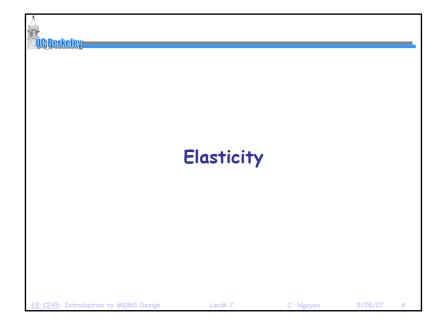
EE C245: Introduction to MEMS Design

cM 7

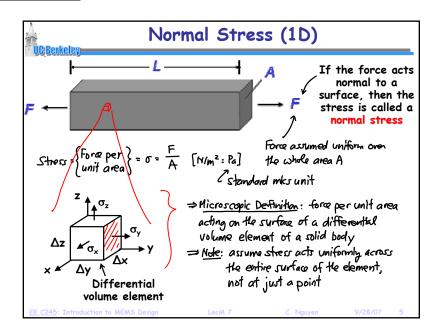
0/28/07

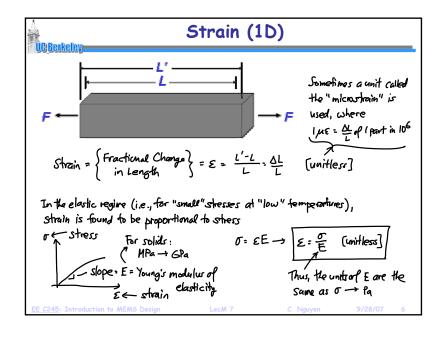
• Reading: Senturia, Chpt. 8 • Lecture Topics: Stress, strain, etc., for isotropic materials Thin films: thermal stress, residual stress, and stress gradients Internal dissipation MEMS material properties and performance metrics

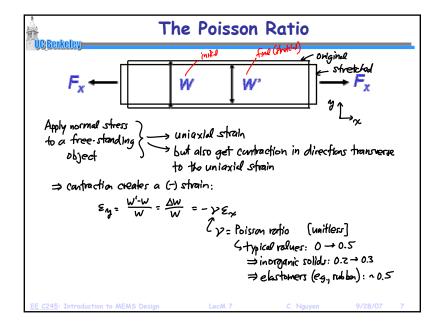


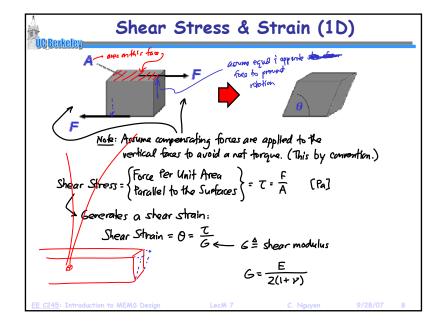


EE 247B/ME 218: Introduction to MEMS Design Lecture 12m2: Mechanics of Materials









EE 247B/ME 218: Introduction to MEMS Design Lecture 12m2: Mechanics of Materials

