

ME 530 (40 points)

Name \_\_\_\_\_

Homework # 5

Due November 7, 2016

Simulate one load and one unload cycle under displacement control using LAMMPS given the input files in ppt presentations #17 and #18 on class website as shown in the class ( max 10%, min 0%). Then, look at the evolution of microstructure and stress-strain response. Please watch movies below accessible via uofibox (link given via my e-mail dated October 25, 2016).



**Lecture 2 - Piyas Chowdhury.pptx**

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**Lecture 1 - Piyas Chowdhury.pptx**

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**Lecture #2b.m4v**

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*LAMMPS-Lecture #2b, Oct24,2016*

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**Lecture#2a.m4v**

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*Lecture#2a-LAMMPS-Oct 242016*

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**Lecture#1.m4v**

Updated Feb 10, 2016 by Huseyin Sehitoglu 582.4 MB