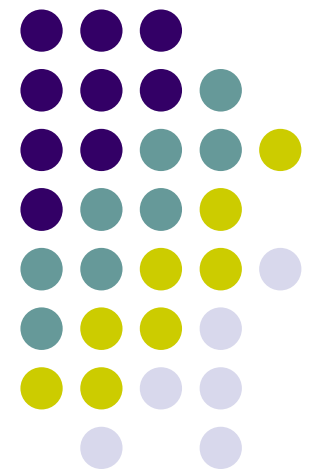


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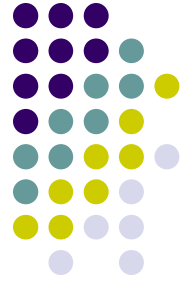
Kinematics and Dynamics of Machine Systems

Motion Visualization
Example, ADM file
October 20, 2011



“Do you realize if it weren't for Edison we'd be watching TV by candlelight?”
Al Boliska

Before we get started...



- Last Time
 - Wrecker-boom example – discussed position, velocity, acceleration analysis
- Today:
 - Learn what you should do to visualize the motion of your mechanism
 - Example: two-body slider crank mechanism
- Assignment due on Th, Oct. 27:
 - Textbook: 3.5.1, 3.5.4, 3.5.5, 3.5.6
 - ADAMS & MATLAB emailed to you
- Also due next week:
 - Draft of your final project
 - If based off simEngine2D, only specify the mechanism you will consider and what you want to do with it