

**Phys 503    Classical Mechanics I**

**Fall 2013**

**Homework Assignment #3**  
**(60 points)**

**Due Thursday, October 17**  
**(at lecture)**

3.6 (10 points) Challenge problem. Goldstein 4.23 (Do not use the small-oscillation approximation. Generally, Foucault pendula operate well outside the small-oscillation regime.)