

**PHYS 222 Classical Mechanics II (Spring 2019)**  
**Homework #5, due Tuesday April 9 in class**

Continuous string. Wave equation.

1. Problem 13-2 in Marion, where the string is plucked at point  $L/3$  from one end. It is interesting to note that in pianos piono hammers hit at the point about  $L/7$  from the end of the string. Can you guess what happens then?
2. Problem 13-5 in Marion.
3. Problem 13-15 in Marion.
4. Problem 13-18 in Marion.
5. Problem 13-21 in Marion.