



UH/AMS Reading Seminar Fall 2014

Topic: Physics

Speaker: Carlos Ortiz
Department of Mathematics, University of Houston

Wednesday, October 15, 2014
1-2 pm
PGH 646

This week: *Relation between all three views of mechanics, Part 2*

Our goal this semester is to explore certain topics in physics using a mathematical point of view. This week we will explore the relation between all three views of mechanics.

More info at <http://www.math.uh.edu/~cortiz/seminar/>

$$F = ma$$

$$\dot{L}_v(q, \dot{q}) - L_q(q) = 0$$

$$\dot{x} = \nabla_\sigma H(x)$$