Random Equations

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Whenever

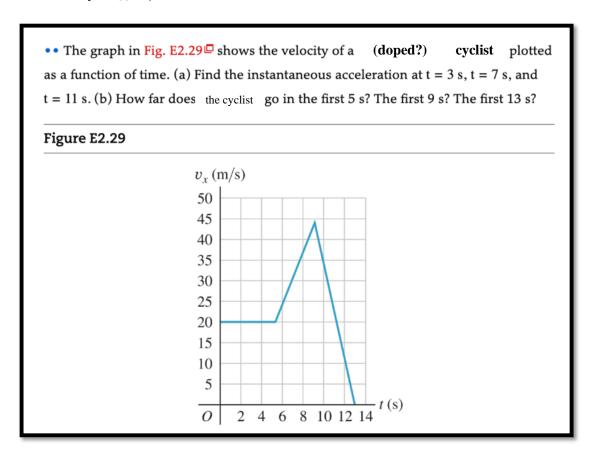
Discussion Worksheet Week 1 "Motion in 1 dimension"

Agenda:

1) First, we will make sure Gradescope is working for everyone. Upload this blank worksheet first and overwrite it at the end of class when the problem (below) is completed.

2) Problem 2.29

- Note that the figure below could have been more precise: We will assume that the t-coordinates, for which the curve has "sharp corners" are at t=5 s, t=9 s, and that the curve crosses the t-axis at t=13 s. We will assume that the maximum velocity is 45 m/s.



 $\lim_{(x,y)\to(\pi,0)}\frac{\cos x}{\sin y}$ $\frac{\Delta V}{V}=\frac{2\Delta r}{r}\frac{\Delta h}{h}$ I'm pretty sure the question means you increase y at the given point P. So if $P=(x_0,y_0)$, we're looking at what happens at $(x_0,y_0+\Delta y)$