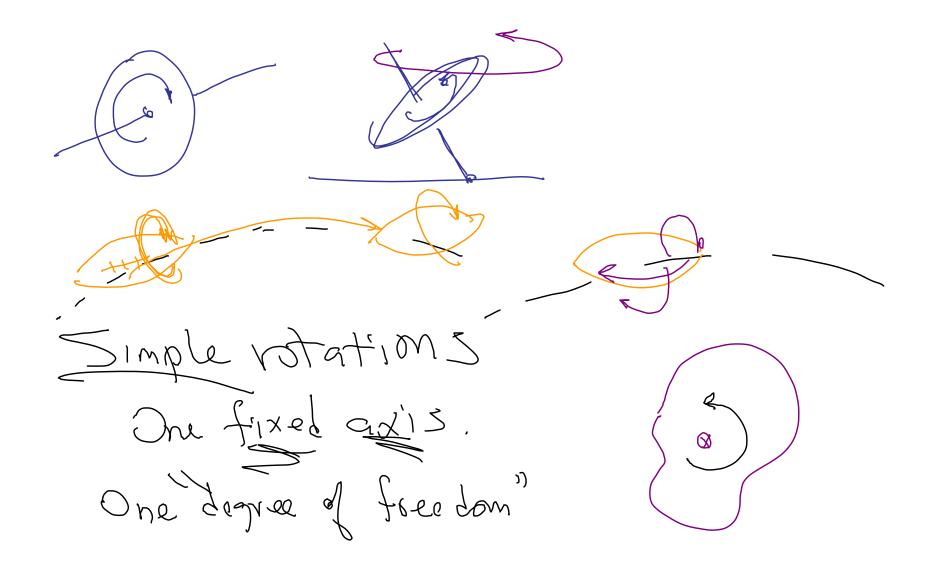
Phys 2110-4 10/26/11

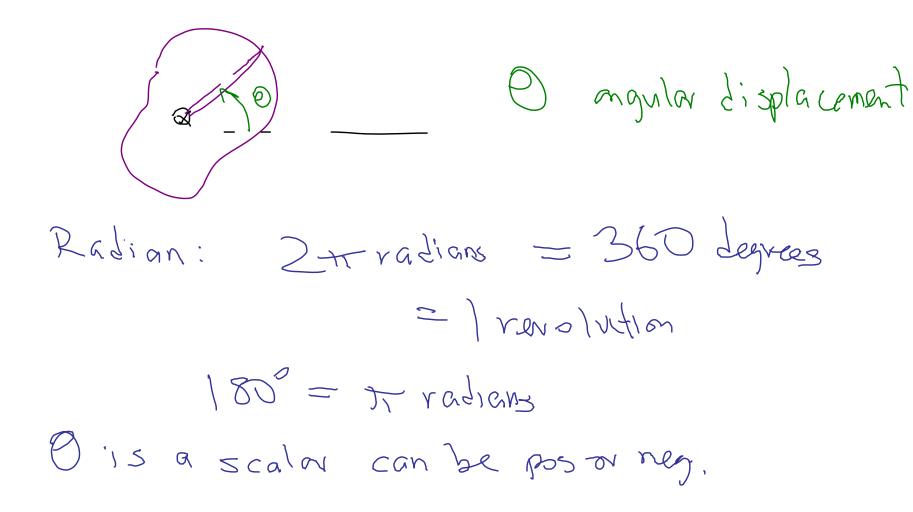
Note Title 10/26/2011

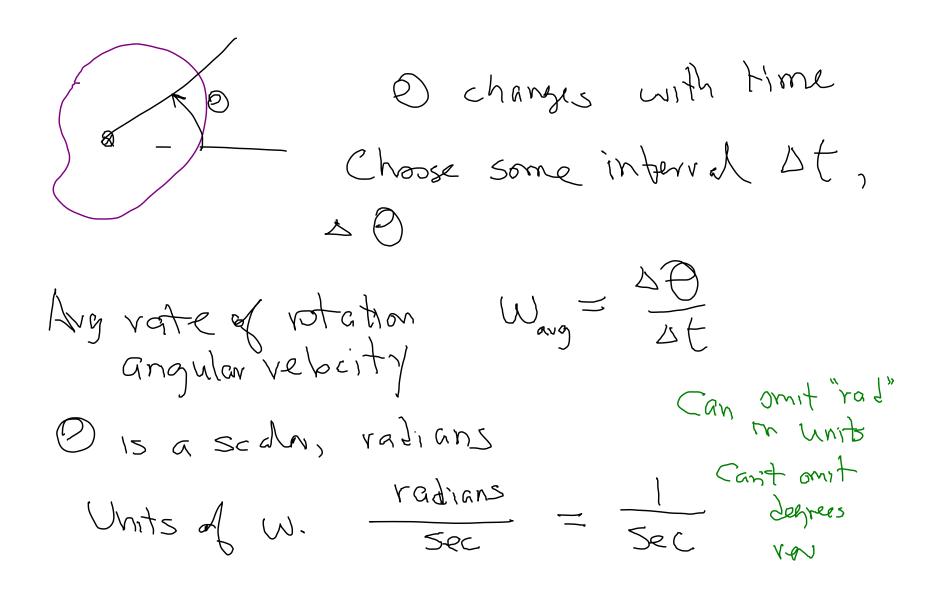
Chap (Momentum) Example: Ballistic Pendulum

Mon Cons. m LK M $mV_0 = (m+M)V$ Every cons: $\frac{1}{2}(m+M)\sqrt{2} = (M+m)gN$ Algebra $V_0 = \frac{1}{m} V_0 =$

hap 10 streets have dimensions. Chap 10, 11 Rotational Motion Results we get will book similar to Stuff yn Chap 2 (pre-dm) * v2=v2+2ax



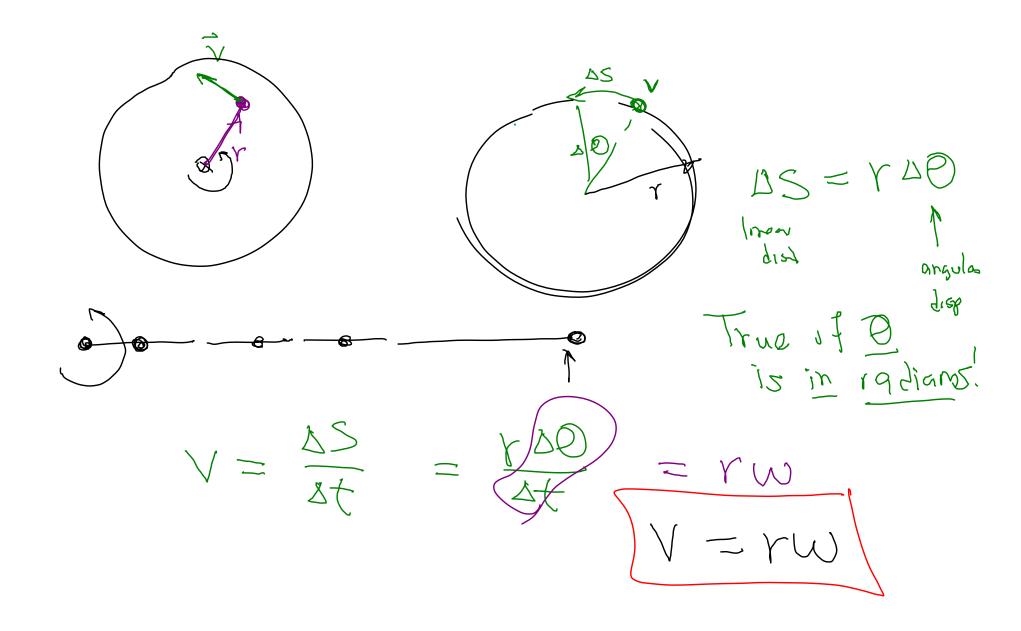


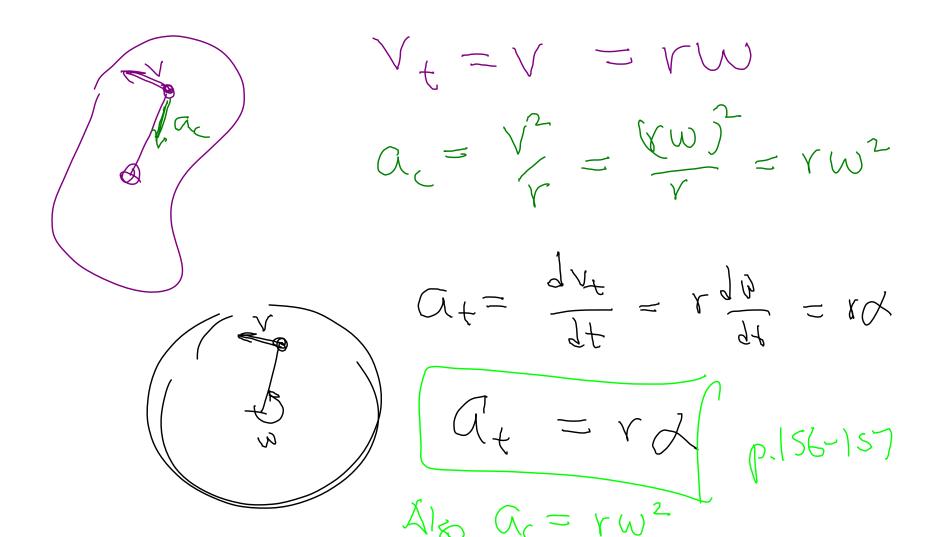


Instantaneous ang velocity W is ps if not n is ccw W 13 may 19 rotin is CW Just be consistent Styl= W

Angular accoloration w charge with - -10.15 Express in rad/sec 720 rpm = 720 rev 27 rad / min / way 605

= 75.4 rsd / lad = 2.42 4 kad / h 180 day 3600 s Angular acceleration Interval Dt, avg Instantanous on accel





a charge because of a force I charges because of torques Constant angular acceleration. Force-Q = constGives visk egns which book some high Chap 2

$$V = V_{0} + \alpha t$$

$$X = X_{0} + V_{0} + V_{0}$$