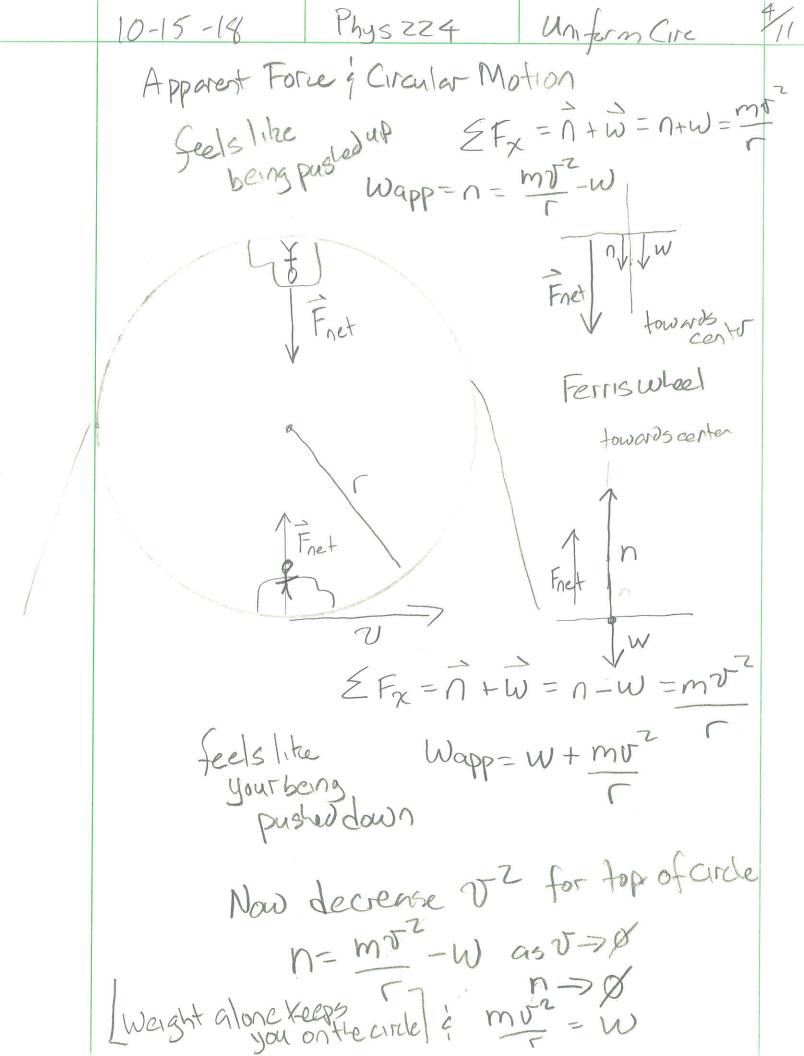
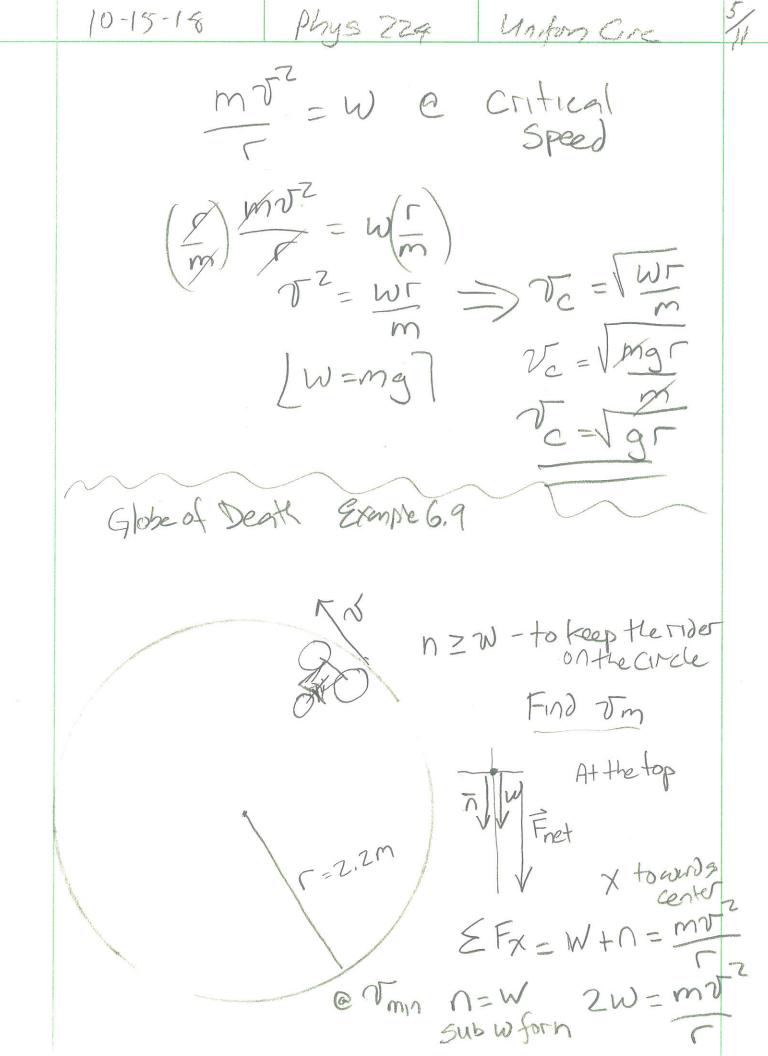


10-15-18	Phys 224	Uniform Circ	3/1
Ssmax = 1	n Tmax = 1	500 V max	
Ms mg = $1.015009.81 = 1500 \text{ T max}^{2}$ $9.81 \frac{m}{3}^{2} = \frac{20}{500}$ $(20.9.81)\frac{m^{2}}{5^{2}} = \frac{20m}{500}$ $(20.9.81)\frac{m^{2}}{5^{2}} = \frac{20m}{500}$ $(4 \frac{m}{5}) = \frac{20m}{500}$ $14 \frac{m}{5} = \frac{20m}{500}$			
Example 6.8 Consider a 15° of so no friction. 15°= 10/n Fine W	regree curve 0 =	70 m 15° 15° 710, 710, 710,	

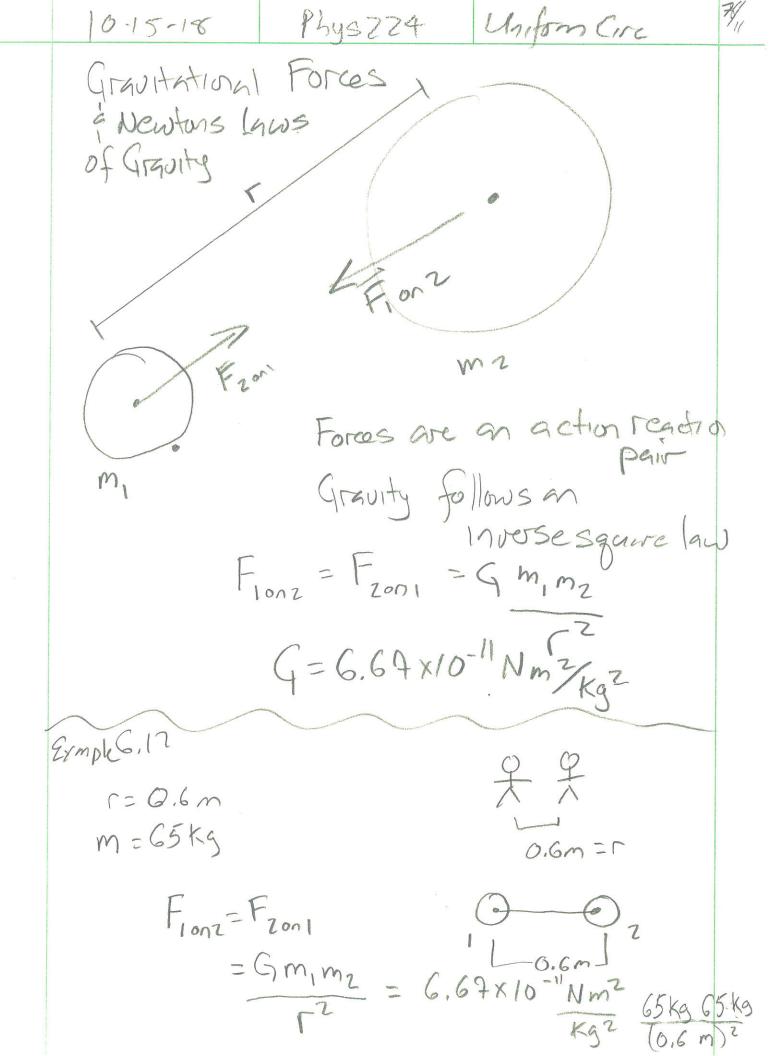
10-15-18 Phys 224 Unifor Circ 2Fx = nsina = mvz ¿Fy=ncosa-w=0 but 7 Keeping Coso Keep non on on Substitute it ple mass n sind = mo SINO OPPHYPT = DZ 7 9.91 m tan(15) = 252 900 $646.7 \frac{m^2}{5^2}(.2679) = 75^2$ 184 2 = 52 147/5= J

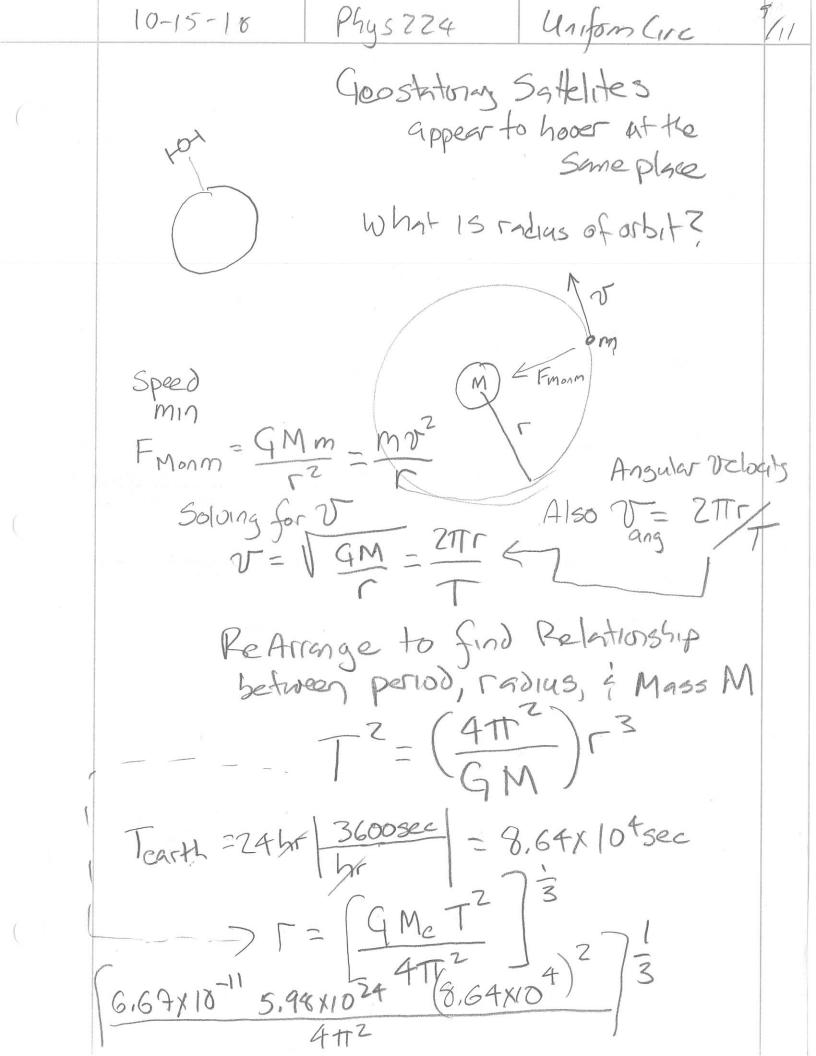




10-15-18 224 Plys Uniform Cre ZW=MTZ=ZMg Subms forw $\sqrt{5^2} = 29\Gamma$ $\sqrt{5^2} = \sqrt{29\Gamma} = \sqrt{2.9.8.2.2}$ $\sqrt{5^2} = \sqrt{29\Gamma} = \sqrt{2.9.8.2.2}$ $\sqrt{5^2} = \sqrt{43.1}$ Solving for N=6,7(3) Find T (period) $T = 2\pi / v = 2(\frac{22}{7}) \frac{2.2 \text{ m/sec}}{6.7 \frac{9}{3}}$ $T = \frac{96.8}{46.9} \text{ Sec}$

T= 2 5ec





[6.67.5.98.8.64.8.64 x 10 -11+24+8] = 3 4.3.14.3.14 (36.81 x 10 21) = 3 3.×10 m Estimated (4.23×10 7 actual)

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