3= 1 mu2 A2 = 1kA2) + the only if (w= /k E= @ Sm2 (wt+ 4) + @ cor2 (wt+ 4) E = @ conservation of eneugy!

oscillations" allow ALL - 17 Sin 10 Differential Equation A 700

0.000999998. 86666000 1486610·0 20.0 0.001 0.0

Fx = - KX max = - Kx M d3x = - Kx differential equation -Solve: guess + check