NYU Physics I - 2016-10-20. Agenda: a bit more on 540 F= jumgas 8 - shess I strain M=0.9 - exam 3. @ sliding. state check:

"Simple harmonic oscillator:" omega 7+5+ (m) x = 0 W= 3 TX+WX+WX solution X=A cos wit + B sin wt @ three to there is some inital position x(0) = A relocity v(0) = wB x= X cos (wt+&)

X(t) = Zeeiwt + Zeeiwt