These 1 2017-09-26 Azerde: - questras. lineke potektal. 2 Ng Iows...) - Ski jung. - realiz

release from rest, no our, no history 9= 191 h= | ] Mechanical Engy Kinedic magg zmv² Potential energy E-God.

sel 740 of P.E. C inital paul. Start: PE=0 KE=0 TIME=0 7 is nadiv: PE=-mgh KE=== NN2 T.ME. = 0  $V_n^2 = 2gh$  = +mgh  $V_n = \sqrt{2gh}$  =  $\sqrt{19.20}$   $V_{ny} = V_n \cdot \sin 19.20$ Vn=2gh = Vnx + + Vny Vnx = Vn. cos 19.20 In/2 sin 19.30 tin/2 cols 19.50 sinks KE = 2 mV2 cos 19.20 Engh cos 2 19.20

= mgh. cos2 19.20

 $\cos^2 19.2^\circ = 0.89$