Junwel 2hans Question 9 when the hall falls down, The velocity in y direction is o Vyf - 02= 29h. Vy+ =129h VH=9t So t= Fg, hig is constant hence tis constant X-direction, we know Vx = JAN compress Set L to length the ball moves in x-direction L=以t=Fm·Fg·AX = AAX Ais a constant. We set Li = 2.2m where the ball can hit the center of box. DX, = 400X0 = 2.2. 1.1= 1.25 cm