(weg? => J = mx cos(wf) + wmsim(wf/x ()) b) 28 -m (x cos(wf/+ wx sim(w+/ +w2 x cos (w+)+ wx sim(w+/) = m (6560+1 (x+w2x1 - sin(w1) (xw-x0) =0 (horm. Oszilotal) = 0 11 (V) , durch behante Lisung des harm. O, z: (labor)" C) X'= X+cet X=-8 nicht behamt, ok. (-1-V = = x 2-mgx, (- = x (x 7 2xx 1 d2) - mg (x 62) = m x² mgx + m (2xd+x²) - mgxt => of X = mid - mgd & + g(a2) wird o $= \sqrt{\frac{d}{d}} \frac{\partial x}{\partial t} \Big|_{t=0} = m \int \dot{x} - gt \, dt - m(x - \frac{d}{2}gt^2)$ 08 = m (x+xt+gt-i) = m(xt+g+1=m+cigr=0) =1]= mxt -m(x-2gf2 |= m(-2gt2 fx E-x)