139.3-11	 I
Fdt=(m-dm)(V+dv)-(m-dm)V=(m-dm)c	10
dn= of gdt, m= mo-gotgt.	
1. Folt= md4-(mo-29d+)dv = mode	<u> </u>
Fdt= (mo-at-adt)dv = (mo-at)dv	·
$=) V = \frac{1}{2} \ln \left( \frac{m_0}{m_0 q_t} \right).$	
139.342	
111 (m-dm)(V+dV)-dm(d-V-dV)=-mgo	lt
はちゅうれ ノ ローベアニロ	2 8000
1190118201100000000000000000000000000000	= 6vkg
(2) the of $\vec{V}=0$ .	
i. (m-dm)dv- vdm+dmdv=-mejde	
= mdv-vdm=-mgdt. dt=zd	, 创加 =要扩始
- dia	— UTL
- 17.6 kg	
120 2-12	·
139.3-13 )(m+dm)(V+dv) -mV=0	).
	10- 0 1
$\frac{1}{\sqrt{1 + \frac{1}{2}}} \frac{1}{\sqrt{1 + \frac{1}{2}}} \frac{1}{$	THE 2 PSV
m= mous	
=) PSt + C= 0 IV	
movo TCD of Mo	\ 1
= \\= \m+2\ps_\m+2\ps_\sva	E Vo

10/1/2/11	
139.315	
(1) 上 k x = 上 (m,+m) V =) V=	
(2) 弹簧回到面长时 VB有 七kxi=十mx/位=)/(02 Kxi	
在此时到到去速时游客一直伸长	
$m_2V_1 = (m_1 + m_2)V_0$ , $\frac{1}{2}m_1V_1^2 = \frac{1}{2}(m_1 + m_2)V_1^2 + \frac{1}{2} c_0 ^2$	
$= ) \delta \chi_{m} = \sqrt{m_{1} + m_{2}} \chi_{0} = \chi_{0}$	
後0. 3-16	
$\frac{V_0}{(1)} \frac{V_0}{(1)} = \frac{V_0}{(1)} \frac{V_0}{(1)}$	
$(2)  \langle mV_0 = mV_1 + mV_2 \rangle$	
$Q = -\frac{V_2 - V_1}{V_2 - V_2} = 1$	
$= \bigcup_{i=0}^{\infty} V_i = U_i,  V_L = V_0$	
$(3) \langle MU_0 = MU_1 + MU_2 \rangle V_1 = \pm V_0$	
$\frac{(3)}{e} = \frac{V_2 - V_1}{V_0 - 0} = \frac{1}{I} = \frac{1}{2} V_0$	
1世141.3-22	
X	
Wysiho = musiho = musiho	
y 560:   my (.sQ+ mv cso, = )	
Q= V10502-0 0+V0501	
Usiho = Vo	
U 057 = J2hg =) J2hg	
UCSO, = JLhg - Cano, = IVO Q. J	
2 Oxetano, - aretarso,	
tambi = e tanbi.	