7.2. 250: 2=0.10t, y=0.05 in (1-4t), u=0.8 m/s

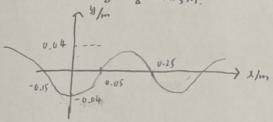
末:波函数.

134: 1= y = 0.05 sin(1-4t)

$$D\varphi = \frac{17}{\lambda}(\lambda - 0.1) = \frac{\omega}{u}(\lambda - 0.1) = \frac{4}{v.8}(\lambda - 0.1) = 5\lambda - 0.5.$$

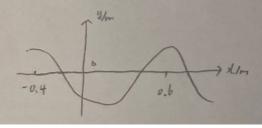
7.5. Exv: u=0.08 m/s, X=0.4m, A=0.04m

= 0.04 (05 [ 
$$2\pi \left(\frac{0.08}{0.4}t - \frac{1}{0.4}\right) + \frac{7}{2}\right]$$
  
= 0.04 (05 [ 0.4 $\pi$ t-5 $\pi$ x+ $\frac{\pi}{2}$ )



7.6. P知波函数y=Acus Ti (4t+2x).

罗使(X)最小,可取的= 8,此时X=-04m,这随过时间to



7.12. By: 
$$V_{A} = V_{A} = 100H_{A}, V_{A} = V_{A} = T_{A}, u = U_{A} = 400mM_{A}, l = 100m$$

$$f: M_{A} \ge M_{A} \ge M_{A} = M_{$$