yohardi - Assignment 13

3. 
$$f = \frac{1}{2\pi} \sqrt{\frac{\kappa}{m}}$$
 $K = (2\pi f)^2 . m$ 
 $= (3\pi f)^2 . m$ 
 $=$ 

= V, witus

: 0.036 m

14. 
$$f = \frac{1}{2\pi} \sqrt{m}$$
 $f_{T} = \frac{1}{2\pi} \sqrt{\frac{2500}{0.490}} + H_{\tau}$ 
 $= 11,360 \text{ Hz}$ 

29.  $d = |\Delta x| = |X_{\zeta} - x_{\zeta}|$ 
 $= |M_{Q_{\zeta}} - (M + |M_{m})| = |M_$