Dario: Peuvernie: $M(x) = \frac{a}{x^2} - \frac{b}{x}$ 1) Hourigen nordkerne pabrobernie:

Hautu: T $F_{x} = \frac{dV}{dx} = 0$ (B narokernie pabroberde cua) $-(-2a + b - cua) = 0 = 7 - 2a + b = 0 = 7 \times 1 = 2a$ 2) Pacemotpun nance conseque: x=2a+5 $\frac{11(x) - \frac{2}{30} + 5}{(\frac{20}{6} + 5)^{2}} = \frac{6}{6} + 5$ $= \frac{6^{2}}{10} \left(\frac{1 + 56}{20} \right)^{-2} - \frac{6}{10} \left(\frac{1 + 56}{10} \right)^{-1} = \frac{20 + 5}{6} = \frac$ $=\frac{6^{2}}{4a}\left(1-\frac{56}{a}+3\frac{5^{2}6^{2}}{4a^{2}}\right)-\frac{6^{2}}{2a}\left(1-\frac{56}{2a}+\frac{5^{2}6^{2}}{4a^{2}}\right)$ $=\frac{6^{2}}{4a}-\frac{56^{2}}{4a^{2}}+\frac{35^{2}6^{4}-6^{2}}{16a^{3}}+\frac{56^{3}}{2a}-\frac{5^{2}6^{4}}{4a^{2}}=\frac{56^{2}}{8a^{2}}=\frac{16a^{3}}{16a^{3}}$ $\frac{--6^{2}+5^{2}6^{9}}{400} = \frac{317}{300} = \frac{6^{9}}{300}$

N62 Dano: Penerue: $1)\omega = \sqrt{\frac{9}{6}}$ l, d, B>d HouTu:T 2) $\psi = \beta \cos(\omega t)$ 3)-d=BCOS(wt) 4) $t = \frac{1}{\omega} \arccos(\frac{-d}{\beta}) = 3T = \frac{2}{\omega} \arccos(\frac{-d}{\beta})$ Pemerne: Dano: $l)m\ddot{x} + r\ddot{x} + K x = 0$, $25 = \frac{r}{m}$ t = 100 C 001=N V + 25× + w2x=0 m=0,1 K2 Hourse: r X=Ae cos(\w^2-52 ++ Po) E=KX2

2) Fo = KA3, E = KA2

Eq. =
$$n = \frac{A_0^2}{A^2} = 3 A = \frac{A_0}{10^2} = \frac{A_0}{10}$$

3) $\frac{A6}{10} = \frac{A_0}{10} = \frac{S_{100}}{10} = 7 - \frac{S_{100}}{10} = \frac{\ln 10 \cdot m}{10} = 0$, $\frac{1}{10} = \frac{1}{10} = \frac{$