Óscar Hernandes Fision er 3 m= 3ky ay ETJ = { K-y2 A= Yem = 0,04m w= JK -0 w = 27 = 77 17 = JK -0 K = 29, 61 N/m ETU = 1 24,61 . 0,04 = 0,024 J 5) Vmay - D Kmn = 1 mo2 0,027 = 1 .3. 02 1,5 02 = 0,024 - 0 V = + JO,024 = + 0,126 m/s2 $k_{+1} = \frac{1}{2} m \cdot (\frac{1}{3})^2 = \frac{1}{2} \cdot 3 \cdot (\frac{0}{126})^2 = 0,002646 J$ Vm = E) 5 - K = 0,02, - 0,00 26 46 = 0,021 35 43 an vx1 = 1 . K. x1 = 0,02 1354 = 1 . 29,67. 13 Tx1 = ± ve,00142 = ±0,0379m7 L=L, m=m, 0=0, T=T a) == ma - Dr = 4 d Sin p = my = h. sin \$. 5 = 1 () = arcsin (9 Jak) + 2

5)
$$J = \frac{\pi}{3}$$
 $\Phi = \arcsin\left(\frac{9\sqrt{5}\pi L}{C}\right) + \frac{\pi}{3}$
 $\Phi = \sin\left(\frac{9\sqrt{5}\pi L}{C}\right) + \frac{\pi}{3}$
 $\Phi = \frac{2\pi}{3} = \frac{2\pi}{3}$
 $\Phi = \cos\left(\frac{9\sqrt{5}\pi L}{C}\right) + \frac{\pi}{3}$
 Φ