Bung 8 - Autga Se 4 y(x,E)= 1mm sin (62,82mx+ 3144/26) negative x-Richtung V=c= = = 319 = 5 m/s/ 5) 2 = 20 = 20 = 0,1 m/ f= 27 = 314 = 50 Hz T= == == 0,02,... v(x fest, t) = 1mm. 3144z.cos (62,8 tm # 314 Hz. t) => V - 314 mm/s/ Usyng 8 - Aufgabe 3. L= 7- n=0,1kg F= 900N c = \frac{F_3 \cdot C}{N_1} = \frac{900 \lambda \cdot \frac{7}{2m}}{0 \lambda \text{lng}} = \frac{251 \lambda \sqrt{s}}{1}

jbung 8- Aufgabe 4

a) Az = 2. A. cos (=) = 2. 0.04. cos # = 5,7m/

Dancos (24) = 0 = 2 aicios (20,04) = 27