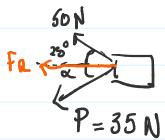
## Lucas Lima do Nascinento

1)



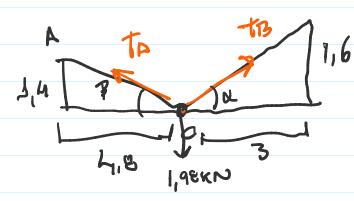
$$50 \cdot sen(25)^2 = 35 \cdot sen(a)$$
  
 $sen a = so \cdot sen(25) = > \alpha = 37,10$ 

2) 
$$F_2 = 50 \cdot \cos(26) + 35 \cdot \cos(37,1)$$
  $F_2 = 73,2$  N

4) 
$$F_{1y} = 150 - 9 \ln (35')$$
  
 $F_{1y} = 86.0$ 

$$\sin \alpha = \frac{720}{7}$$

C=18,9°



121) Ta=0,92 TB 2,5=0,92 T3 TB=27KN