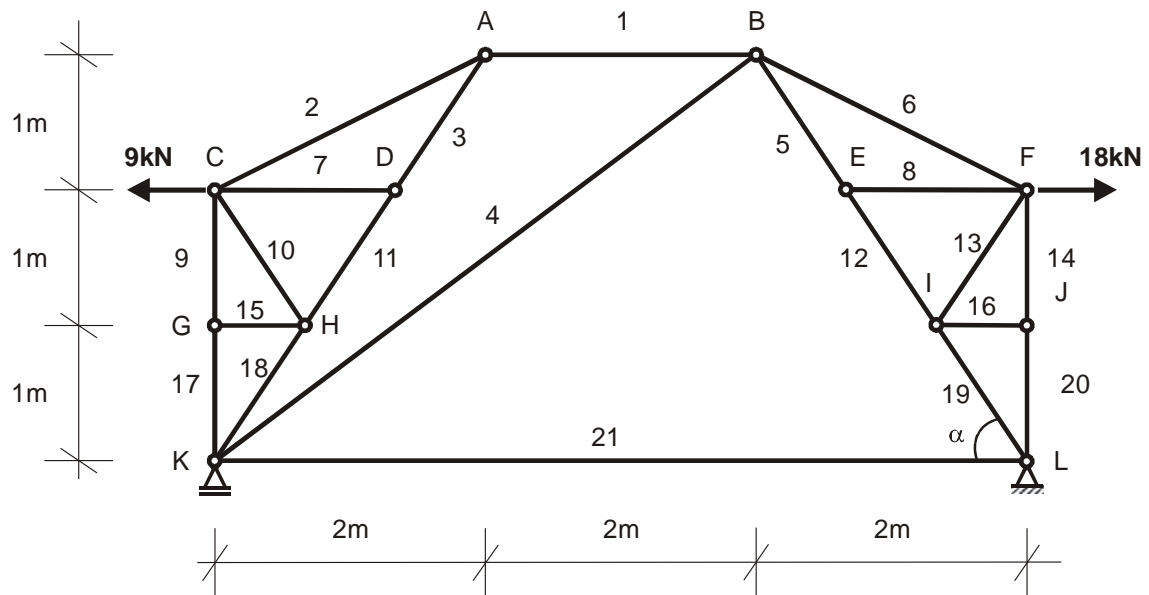


Nº USP: _____ Nome: _____

3ª Questão (3,0 pontos)

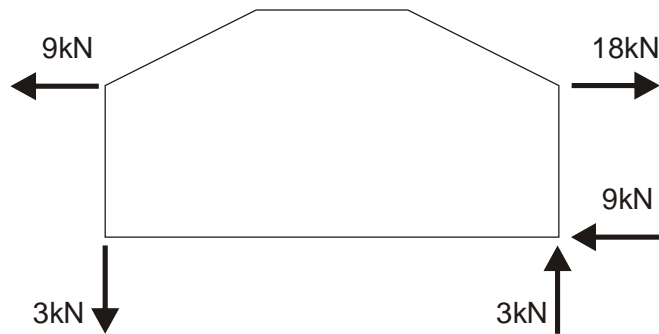
Calcule os esforços nas barras 1, 19, 20 e 21 da treliça ilustrada.

Dados: $\alpha=56,31^\circ$, $\cos\alpha=0,555$; $\sin\alpha=0,832$

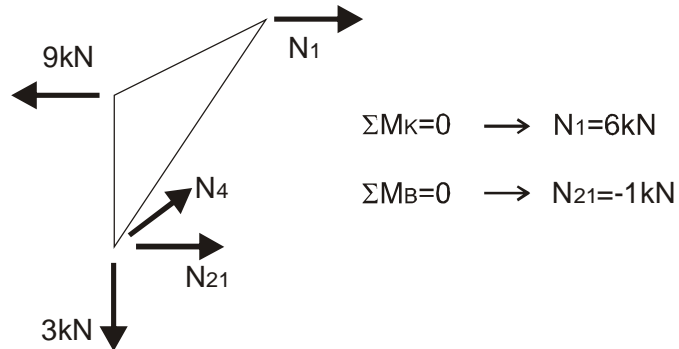


Resposta:

Reações: (1,0)



Ritter 1, 4, 21: (1,0)



Equilíbrio nó L: (1,0)

