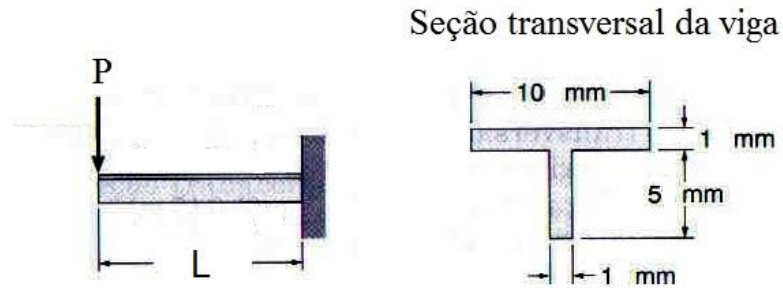


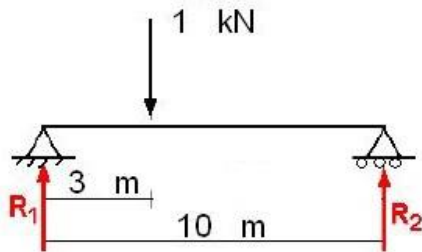
## Lista de exercícios – Flexão + Intro CT

1. Uma peça de máquina formada por um perfil em “T” está submetida a uma força atuante no seu plano de simetria, conforme figura abaixo. Determinar o deslocamento vertical no ponto de aplicação da carga, considerando  $P = 2 \text{ N}$ ,  $L = 300 \text{ mm}$  e  $E = 70 \text{ GPa}$ .



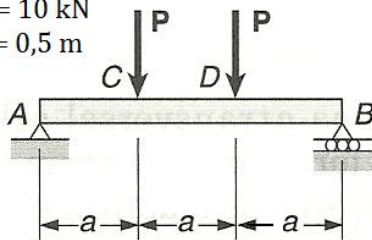
2. Plotar, no SciLab, os gráficos de esforço cortante e momento fletor p/ os carregamentos abaixo.

a)

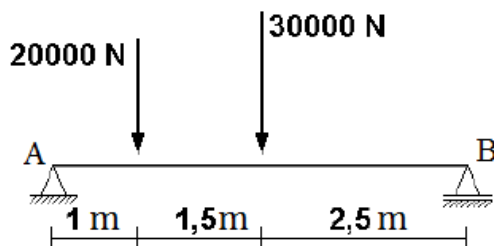


b)

$P = 10 \text{ kN}$   
 $a = 0,5 \text{ m}$



c)

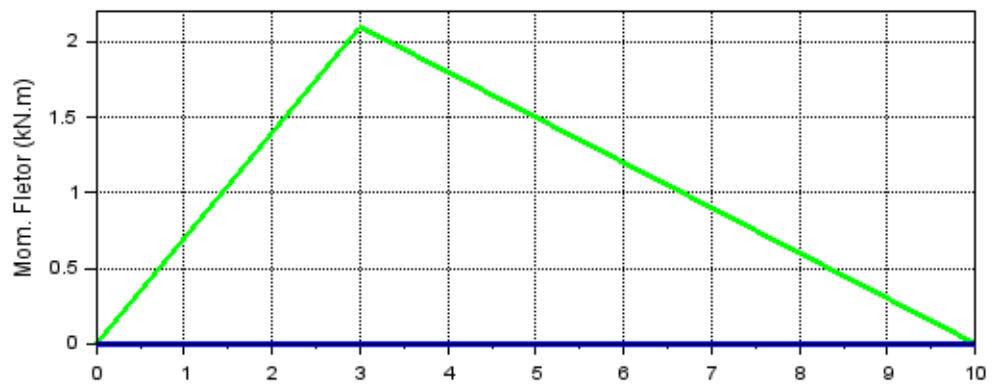
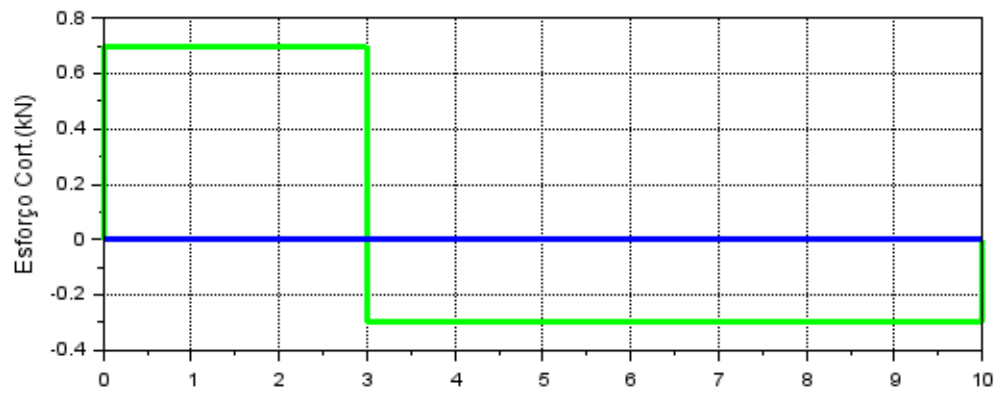


## Respostas

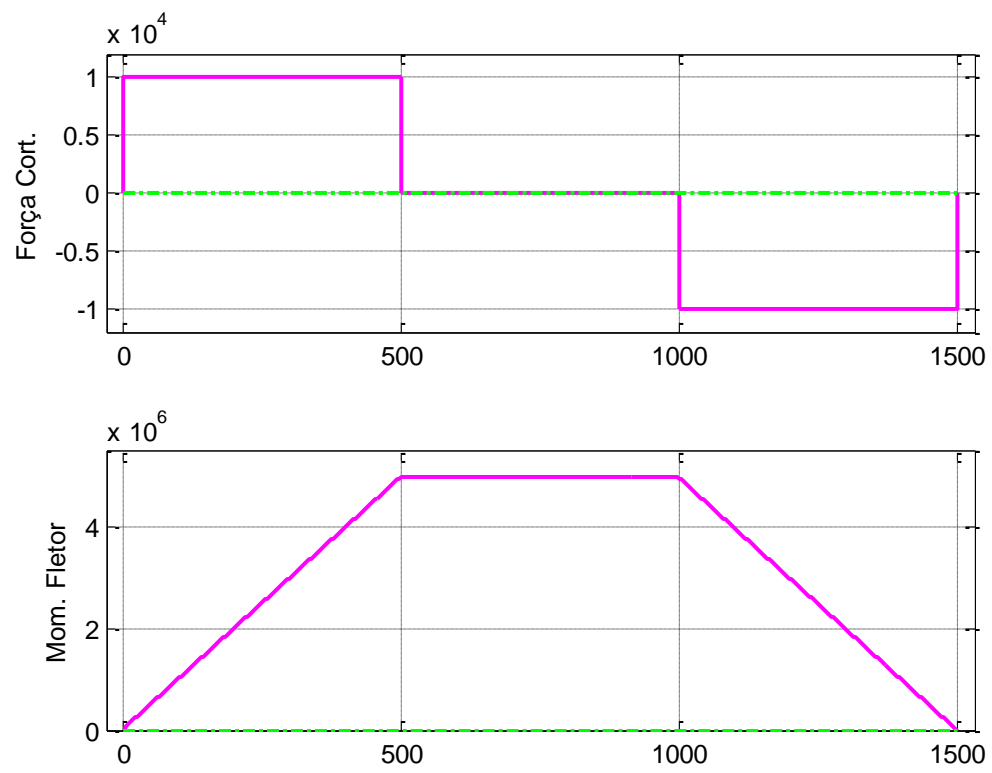
1.  $v = -6.2 \text{ mm}$

2.

a)



b)



c)

