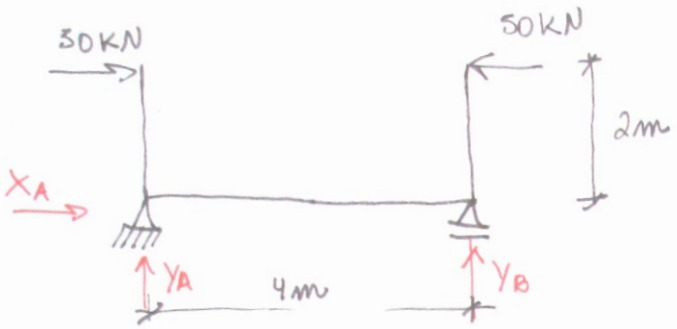
# EXERCÍCIO 04

DETERMINAR OS DIAGRAMAS de ESFORÇOS SOLICITANTES e a DEFORMADA da ESTRUTURA.

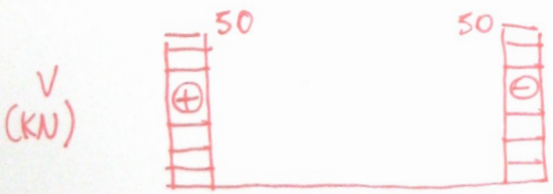
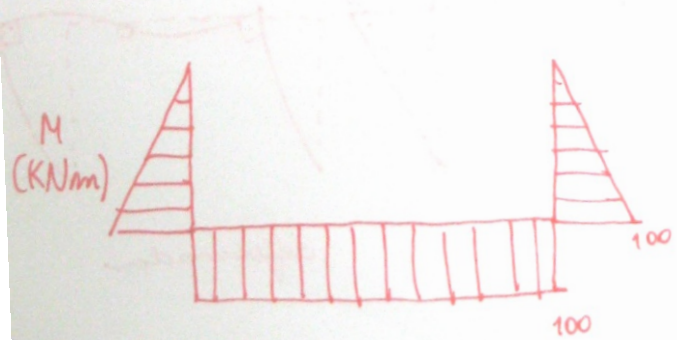



EQUAÇÕES de EQUILÍBRIO

$\Sigma F_x = 0 \rightarrow \quad 50 - 50 + X_A = 0 \rightarrow \underline{X_A = 0\,kN}$

$\Sigma F_y = 0 \rightarrow \quad Y_A + Y_B = 0 \rightarrow \quad Y_A = -Y_B$

$\Sigma M_{(a)} = 0 \rightarrow \quad 50 \cdot 2 - 50 \cdot 2 - 4 Y_B = 0$

$\underline{Y_B = 0}$

$\underline{Y_A = 0}$