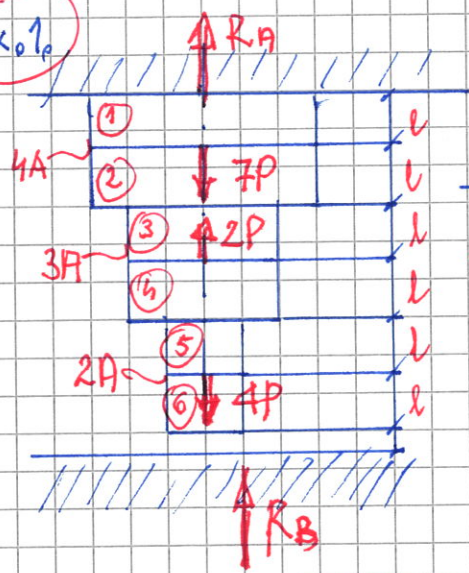
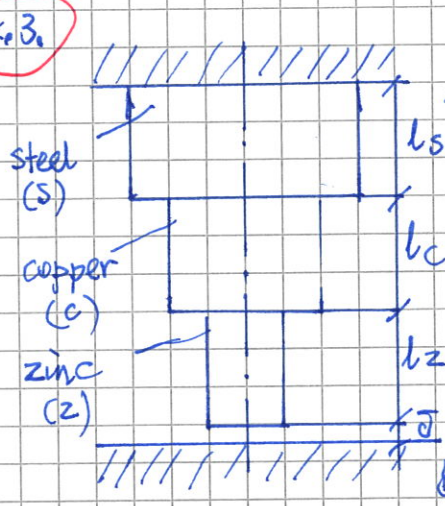


Ex. 1.



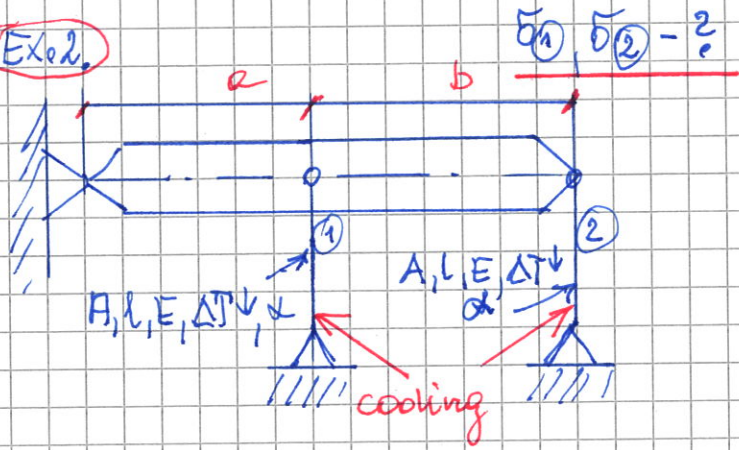
P, A, l, δ, E
 $\bar{\sigma}_i - ?$
 $i = 1, 2, \dots, 6$

Ex. 3.



$l_s = l_c = l_z = l$
 A_s, A_c, A_z
 E_s, E_c, E_z
 $\alpha_s, \alpha_c, \alpha_z$
 $\Delta T \uparrow$
 heating
 $\bar{\sigma}_s, \bar{\sigma}_c, \bar{\sigma}_z - ?$

Ex. 2.



$\bar{\sigma}_1, \bar{\sigma}_2 - ?$

Ex. 4.

$\bar{\sigma}_1 = 400, \bar{\sigma}_2 = -500, \alpha = 15^\circ$
 $\bar{\sigma}_x, \bar{\sigma}_y, \tau_{xy} - ?$

graph. + analytic
 (Mohr's circle)