

$$z_1 = 31,5 - 18 = -13,5$$

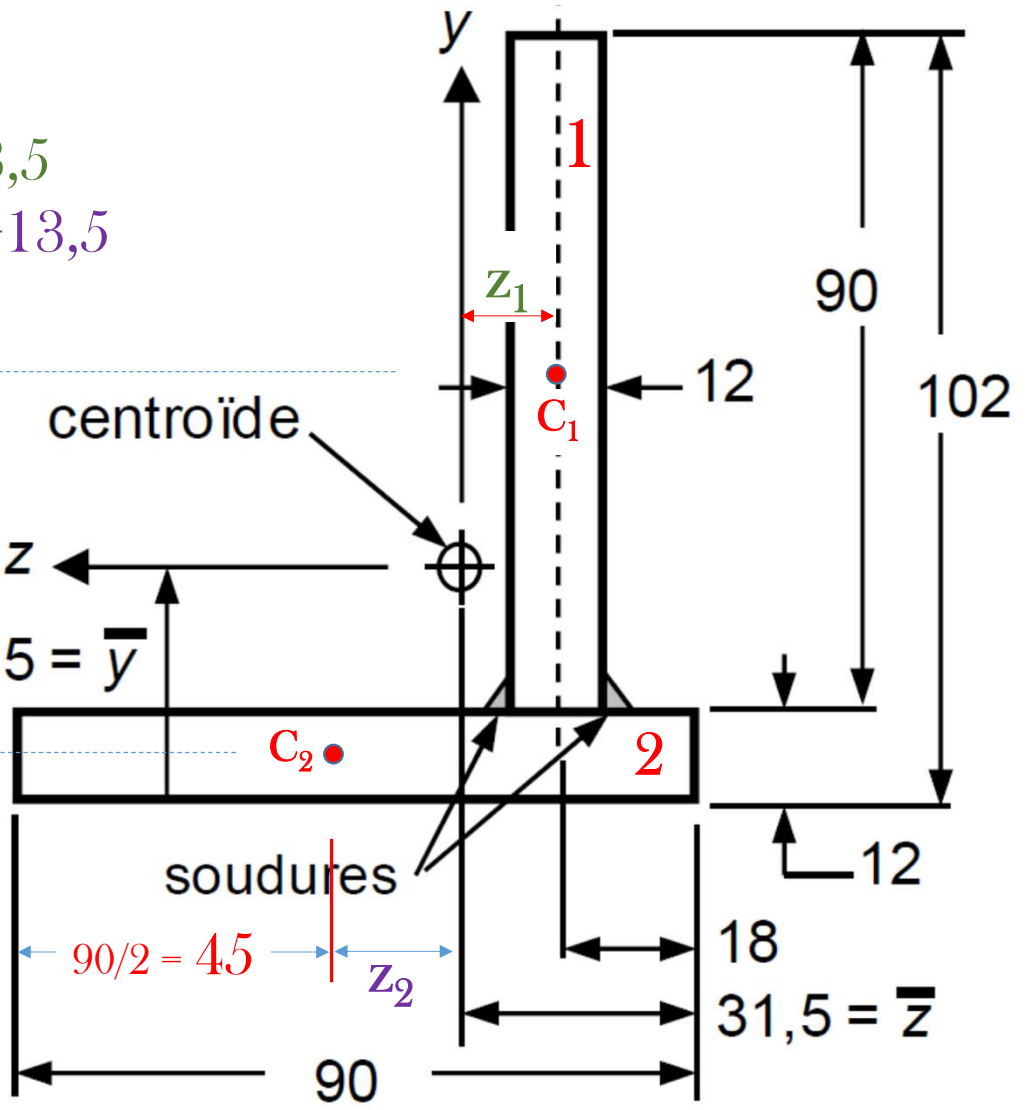
$$z_2 = 90/2 - 31,5 = +13,5$$

$$y_1 = 90/2 + 12 - 31,5 = +25,5$$

centroïde

$$y_2 = 31,5 - 12/2 = -25,5$$

$$31,5 = \bar{y}$$



soudures

$$90/2 = 45$$

$$18$$

$$31,5 = \bar{z}$$

