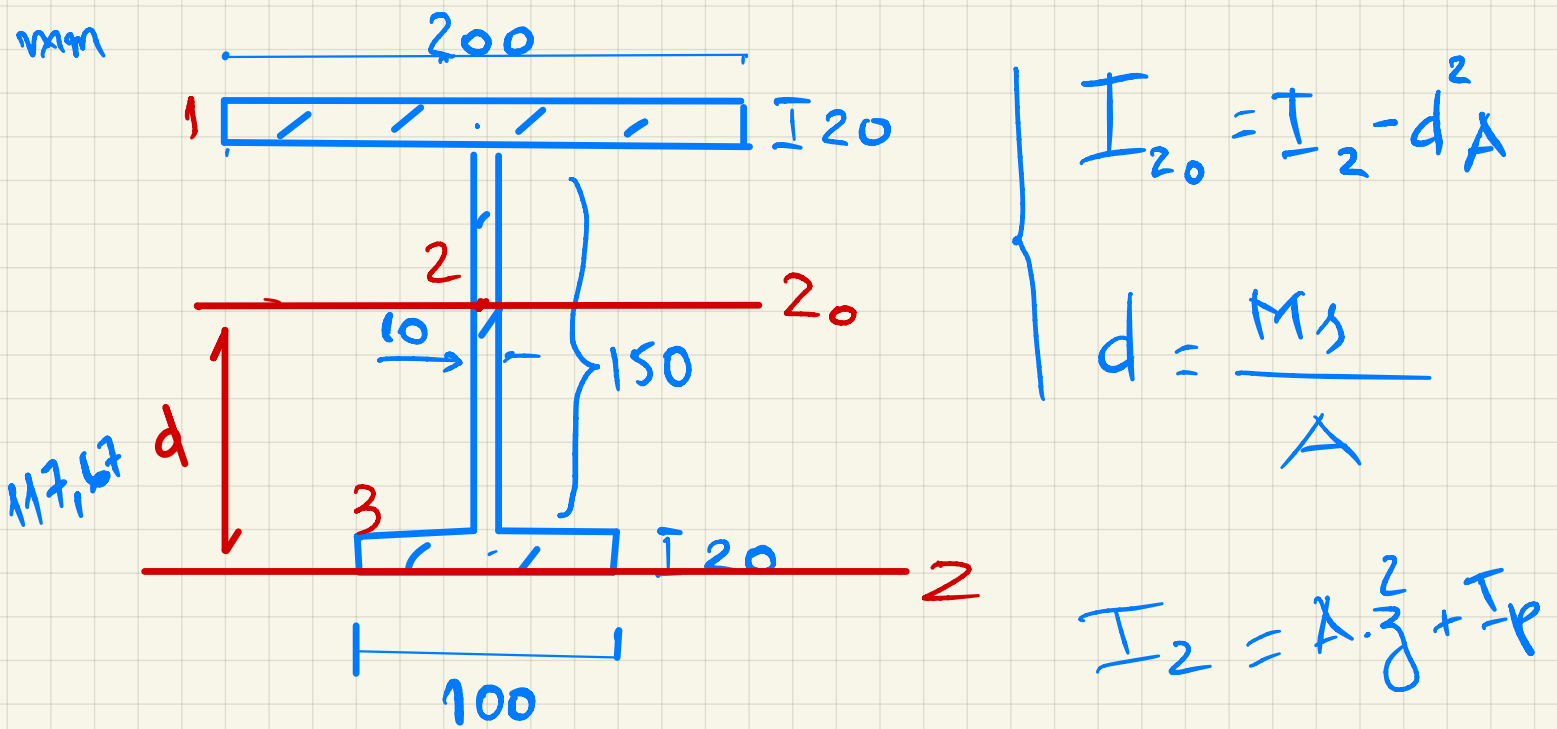




εl	Area	$\bar{z}$	M_y $A_i \cdot \bar{z}$	$A_i \bar{z}^2$	I_{20i} $I_{p,prop}$	$\frac{bh^3}{12}$
1	4000	180	720000	1296×10^5	$1,33 \times 10^5$	$\frac{200 \times 20^3}{12}$
2	1500	95	142500	$135,375 \times 10^5$	$28,125 \times 10^5$	$\frac{10 \times 150^3}{12}$
3	2000	10	20000	2×10^5	$0,667 \times 10^5$	$\frac{100 \times 20^3}{12}$
$A = 7500$			882500 M_y	$I_2 = 1463,5 \times 10^5$		

$$d = \frac{882500}{7500} = 117,67$$

$$I_{20} = 1463,5 \times 10^5 - 117,67^2 \cdot 7500 =$$

$$= 425,03 \times 10^5$$