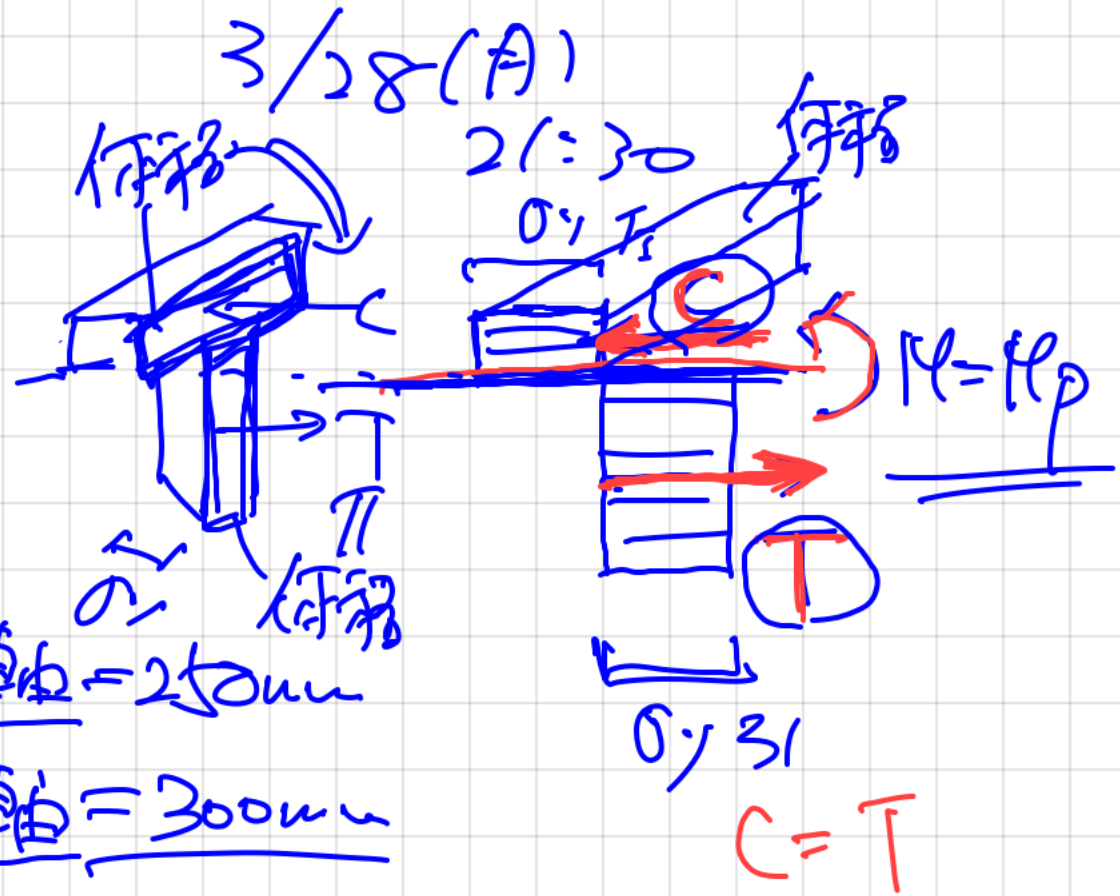
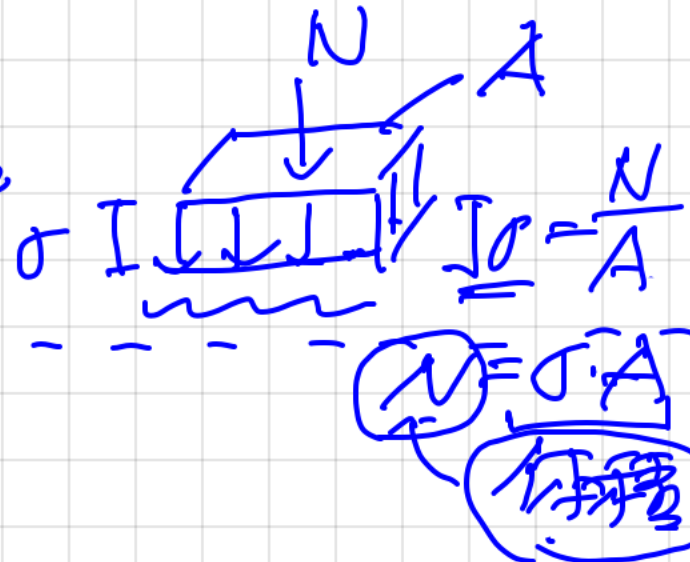
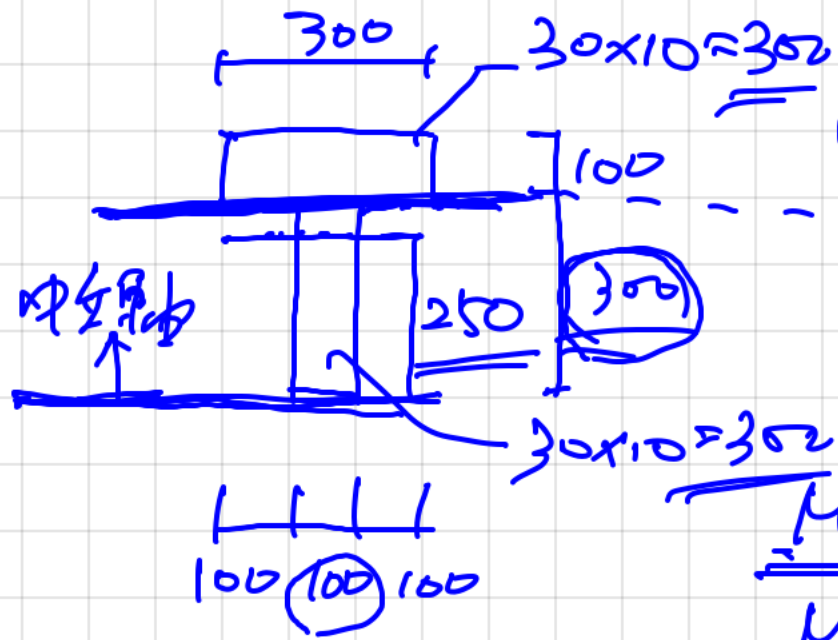
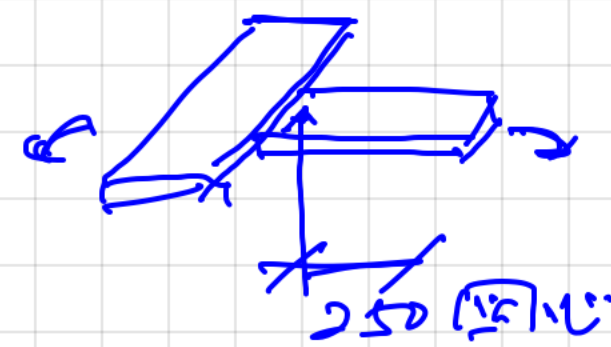
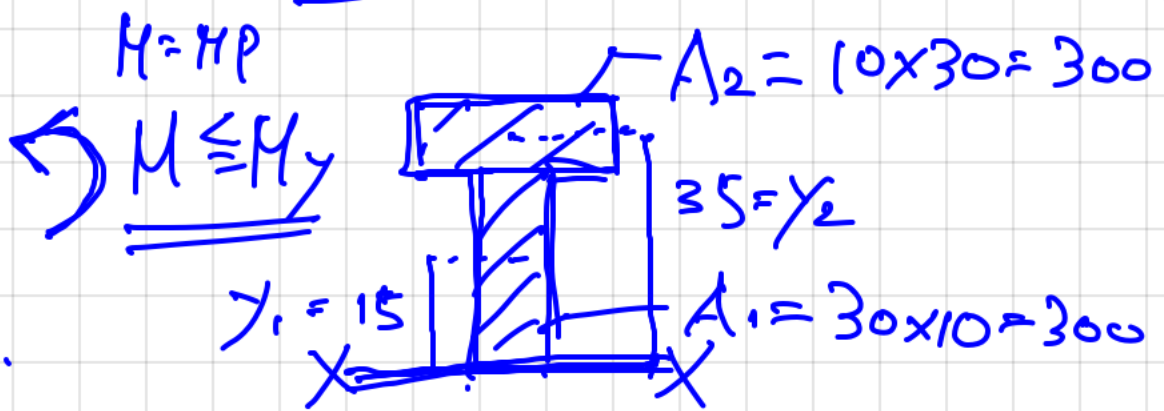
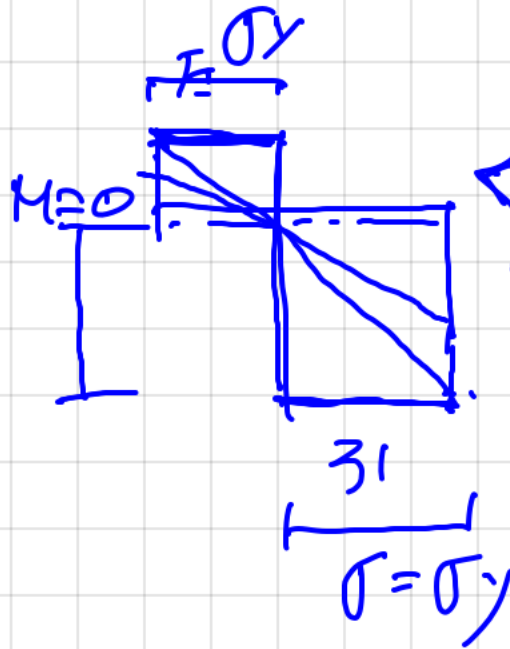


合和1年 No.1



$M = M_y$ の場合の中立軸 = 250mm
 $M = M_p$ の場合の中立軸 = 300mm



$$S_x = (\text{面積} \times \text{高さ}) = A_1 \times y_1 + A_2 \times y_2$$

$$= 300 \times 15 + 300 \times 35 = 15000$$

$$\Rightarrow \bar{y} = \frac{S_x}{\sum A} = \frac{15000}{300 \times 2} = 25 \text{ cm}$$

$$S_x = (\text{面積} \times \text{高さ}) = A \cdot y \Rightarrow y = \frac{S_x}{A}$$