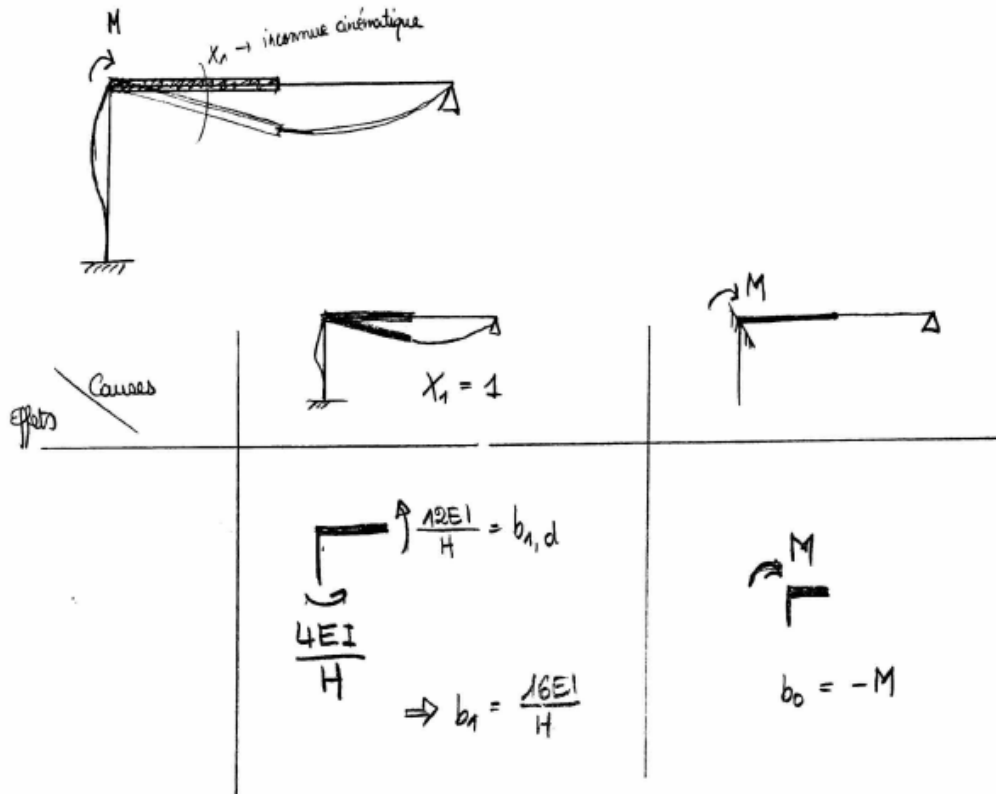
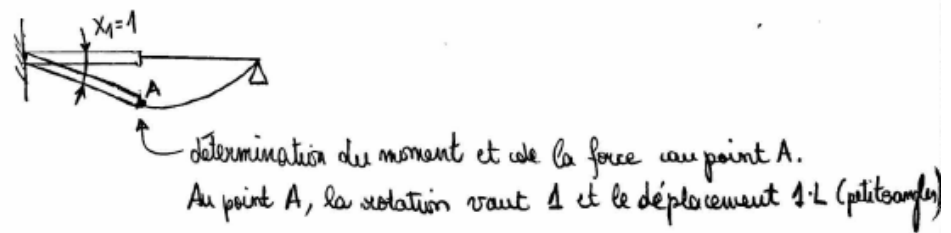


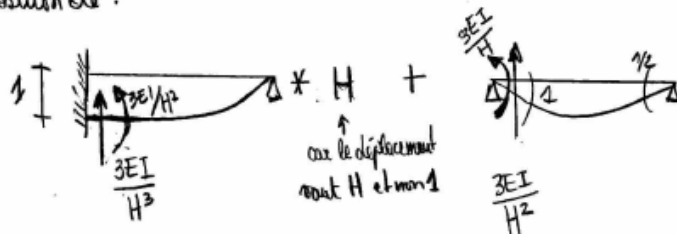
Corrigé détaillé pour l'exemple 8 de la série 10.



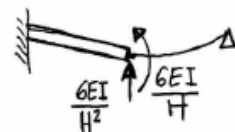
La détermination de  $b_{1,d}$  n'est pas évidente. Elle est faite selon la superposition suivante :



Superposition de :



On a donc :

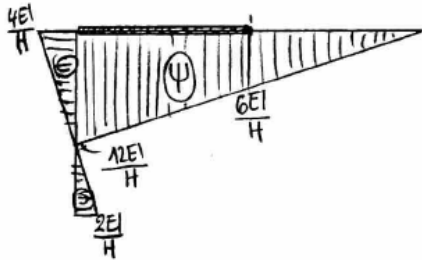


→ ce l'encastrement on a donc :  $\frac{6EI}{H} + H \cdot \frac{6EI}{H^2} = \frac{12EI}{H}$

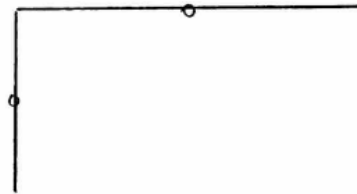
$$b_0 + b_1 X = 0$$

$$\Rightarrow X = \frac{-b_0}{b_1} = \frac{M \cdot H}{16EI}$$

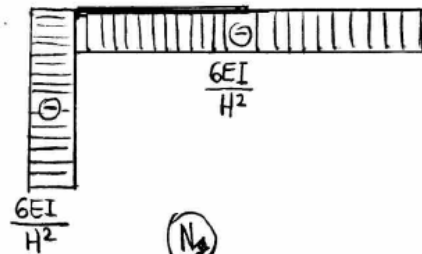
$M_0$



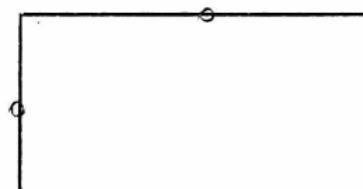
$M_0$



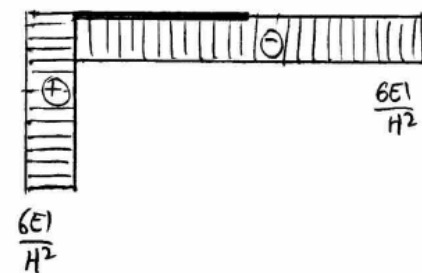
$V_0$



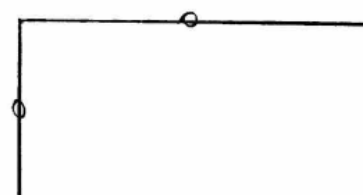
$V_0$



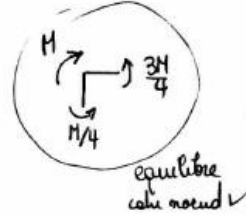
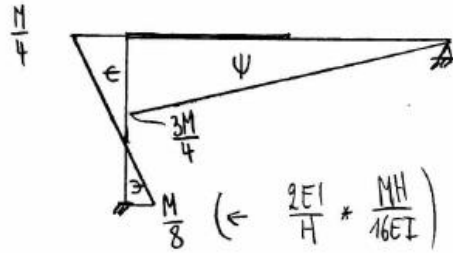
$N_0$



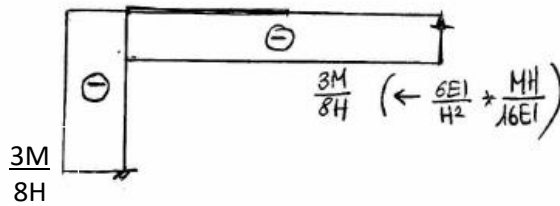
$N_0$



$M_{tot}$   $M_{tot} = M_0 + M_1 X$



$V_{tot}$



$N_{tot}$

