

$$L_1 = 4\text{m} \quad I = 312500 \cdot 10^4 \text{ mm}^4 \quad K_1 = 3E \frac{I}{L} = 234375 \cdot 10^3 E \text{ mm}^3$$

$$L_2 = 6\text{m} \quad I = 346615 \cdot 10^4 \text{ mm}^4 \quad K_2 = 4E \frac{I}{L} = 231076 \cdot 10^3 E \text{ mm}^3$$

$$L_3 = 3\text{m} \quad I = 360000 \cdot 10^4 \text{ mm}^4 \quad K_3 = 3E \frac{I}{L} = 3600 \cdot 10^3 E \text{ mm}^3$$

$$L_V = 1\text{m}$$

COEF. REPARTO  
NUDO-B

$$\begin{cases} K_{BA} = \frac{K_1}{K_1 + K_2} = 0'504 \\ K_{BC} = \frac{K_2}{K_1 + K_2} = 0'496 \end{cases}$$

COEF. REPARTO  
NUDO-C

$$\begin{cases} K_{CB} = \frac{K_3}{K_2 + K_3} \\ K_{CD} = \frac{K_3}{K_2 + K_3} \end{cases}$$

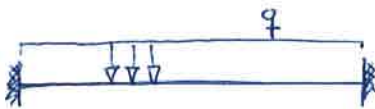
MOMENTOS DE EMPOTRAMIENTO PERFECTO



$$M = \frac{6QL}{32} = 60 \text{ kN}\cdot\text{m}$$



$$M = \frac{qL^2}{12}$$



$$M = \frac{qL^2}{12} = 60 \text{ kN}\cdot\text{m}$$

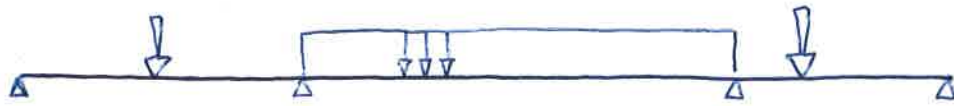


$$M = \frac{Qb(L^2 - b^2)}{2L^2} + \frac{M_v}{2} = 56,1 \text{ kN}\cdot\text{m}$$

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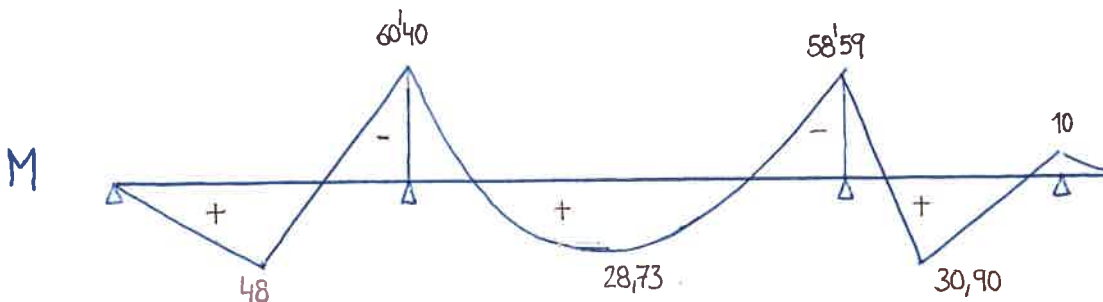
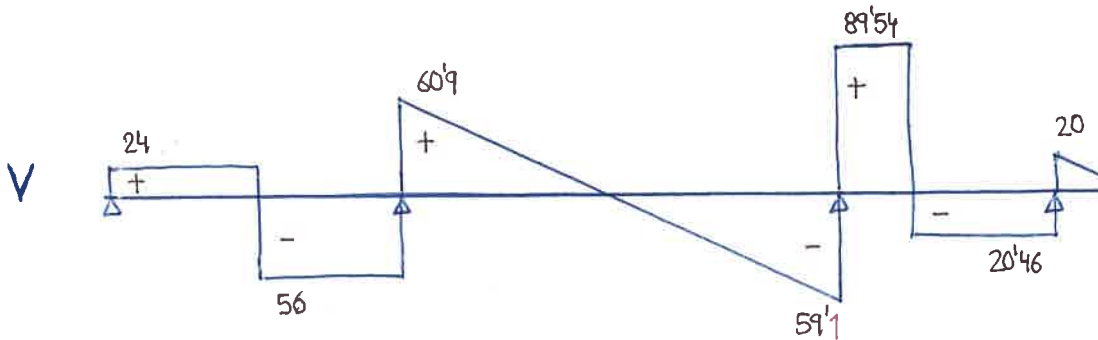
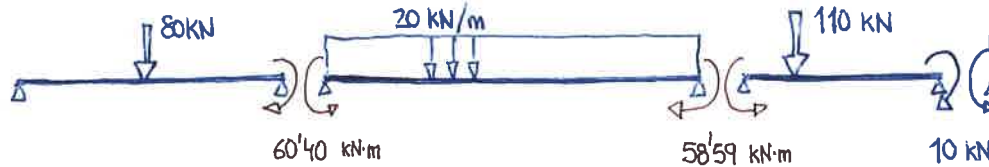
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CD	$t=0$	$0'504$	$0'496$	$t=1/2$	$0'391$	$0'609$	$t=0$
0	-60	+60		-60	+56'1		-10
		+0'762		+1'525	+2'375		
	-0'384	-0'378		-0'189			
		+0'037		+0'074	+0'115		
	-0'019	-0'018					
<b>MOMENTOS DE EXTREMO FINALES</b>							
0	-60'40	+60'40		-58'59	+58'59		-10

VIGAS ISOSTATICAS QUE CONFORMAN UN SISTEMA EQUIVALENTE A LA VIGA CONTINUA:



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