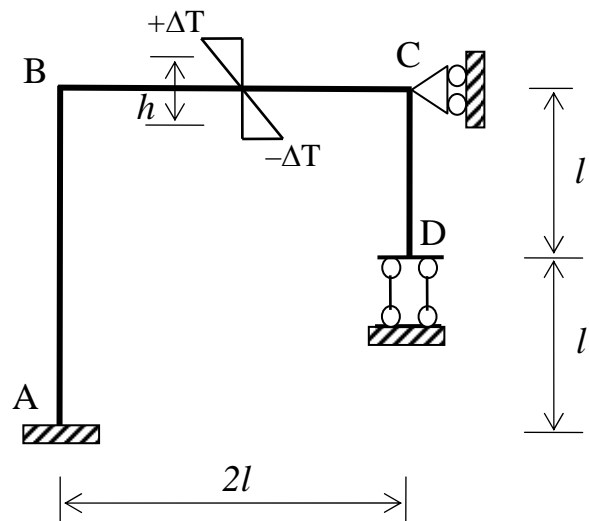


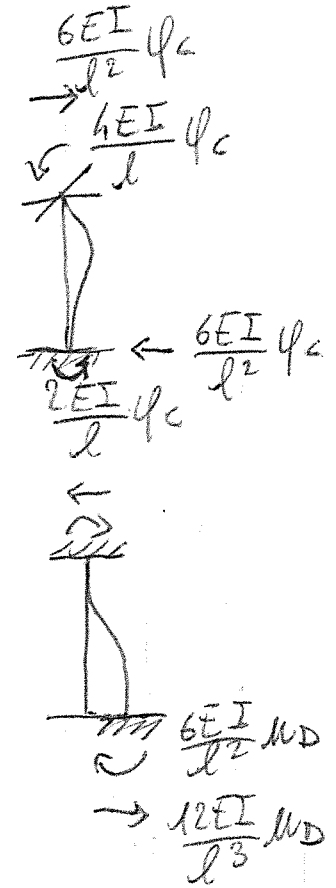
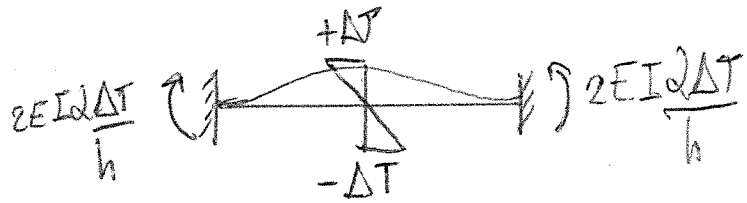
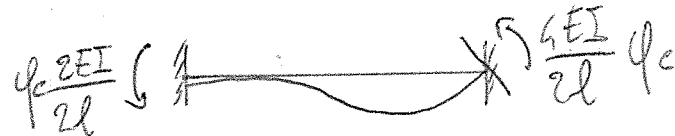
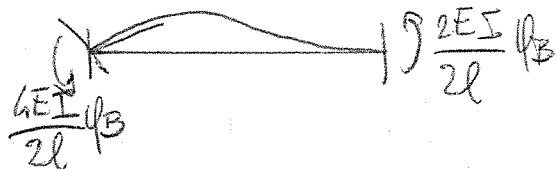
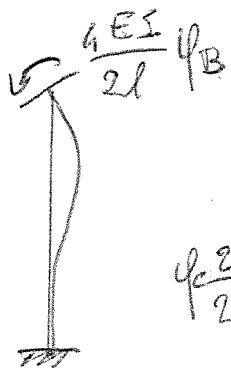
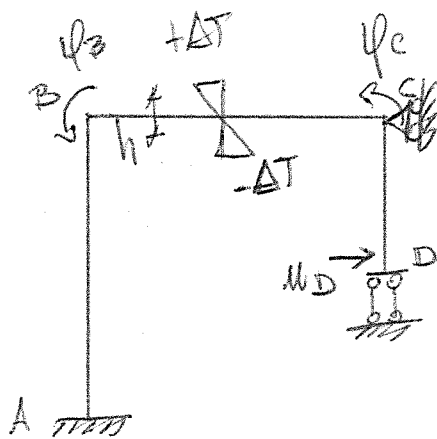
SCIENZA DELLE COSTRUZIONI 2

16 Settembre 2013

COGNOME :	CORSO DI LAUREA :
NOME:	MATRICOLA:



1. Tracciare in scala i diagrammi di M, N e T.
2. Tracciare la deformata elastica.
3. Tracciare la curva delle pressioni.



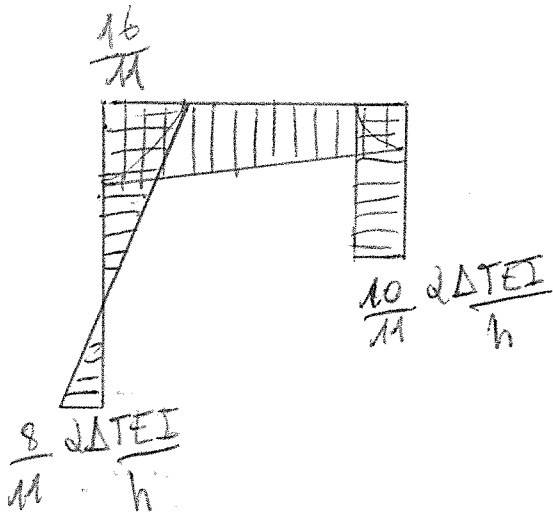
$$\sum M_B = 0 \quad \frac{4EI}{2l} \phi_B - \frac{4EI}{2l} \phi_B - \frac{2EI}{2l} \phi_C + 2EI\alpha\frac{\Delta T}{h} = 0$$

$$\sum M_C = 0 \quad -\frac{2EI}{2l} \phi_B - \frac{4EI}{2l} \phi_C - 2EI\alpha\frac{\Delta T}{h} - \frac{4EI}{l} \phi_C + \frac{6EI}{l^2} M_D = 0$$

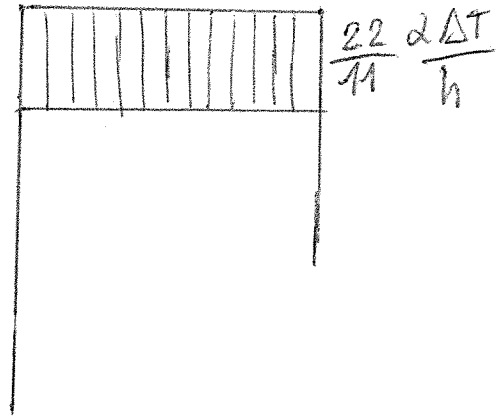
$$\sum M_D = 0 \quad \frac{12EI}{l^3} M_D - \frac{6EI}{l^2} \phi_C$$

$$\phi_B = \frac{8}{11} \frac{\alpha \Delta T l}{h} ; \quad \phi_C = -\frac{10}{11} \frac{\alpha \Delta T l}{h} ; \quad M_D = -\frac{5}{11} \frac{\alpha \Delta T l^2}{h}$$

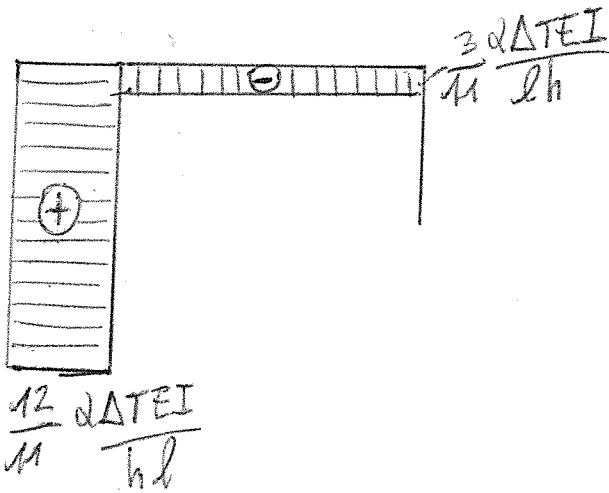
(M)



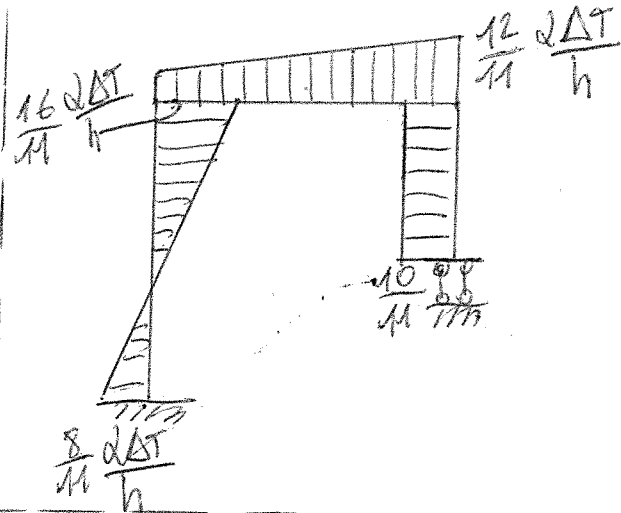
X termica:



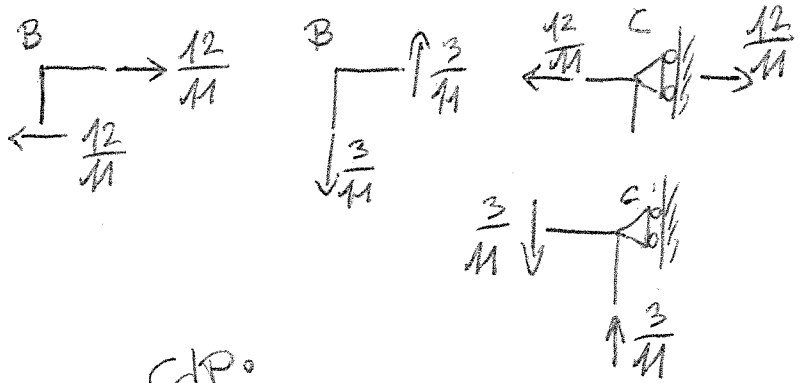
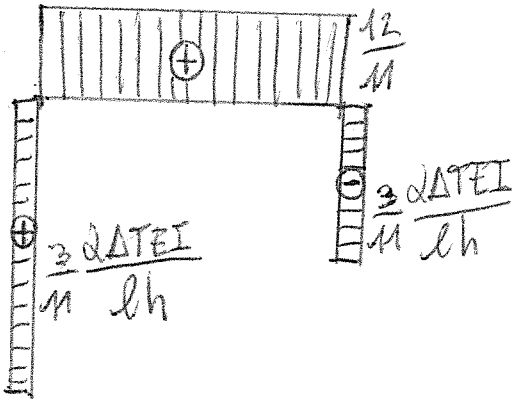
(T)



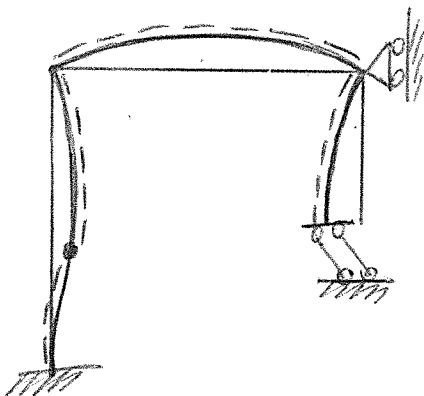
X termo-elastica:



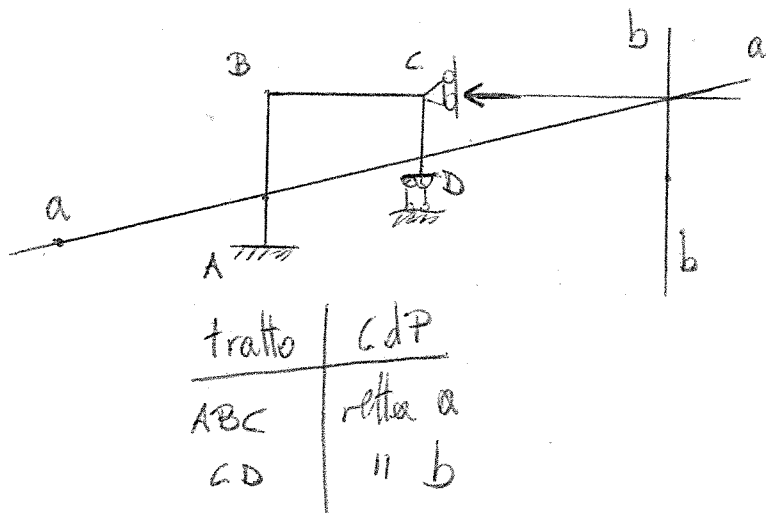
(N)



Def:



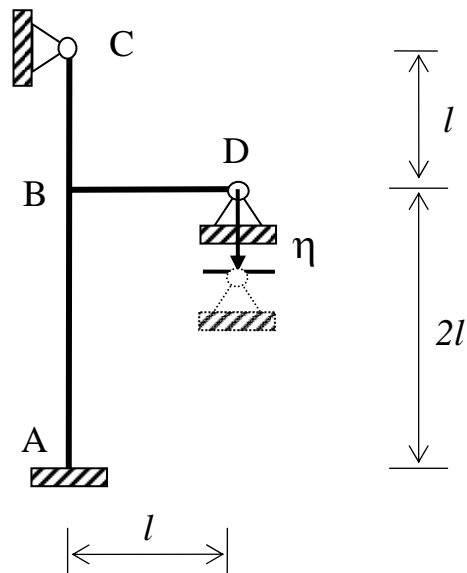
CdP:



SCIENZA DELLE COSTRUZIONI 2

08 Luglio 2013

COGNOME :	CORSO DI LAUREA :
NOME:	MATRICOLA:



1. Tracciare in scala i diagrammi di M, N e T.
2. Tracciare la deformata elastica.
3. Tracciare la curva delle pressioni.