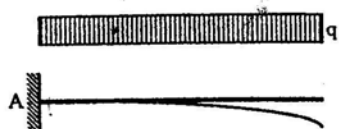
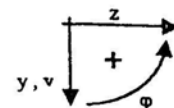


I valori delle rotazioni φ e degli spostamenti v di seguito riportati seguono una particolare convenzione che prevede di prendere positive le rotazioni antiorarie e gli spostamenti verso il basso. In realtà nei problemi che vengono affrontati, e in special modo nella risoluzione dei problemi iperstatici, le convenzioni riguardanti i segni di tali parametri verranno fatte di volta in volta.



$$\varphi_B = -ql^3 / 6EI$$

$$v_B = ql^4 / 8EI$$



$$\varphi_B = -ql^3 / 24EI$$

$$v_B = ql^4 / 30EI$$



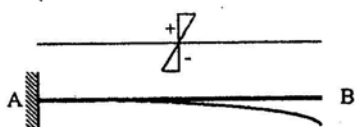
$$\varphi_B = -Fl^2 / 2EI$$

$$v_B = Fl^3 / 3EI$$



$$\varphi_B = -ml / EI$$

$$v_B = ml^2 / 2EI$$



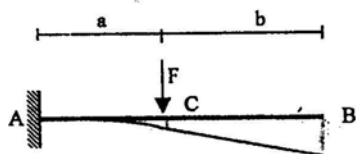
$$\varphi_A = \varphi_B = -\mu l$$

$$v_B = \mu l^2 / 2$$

$\mu = 2\alpha\Delta t / h$

$\mu > 0$

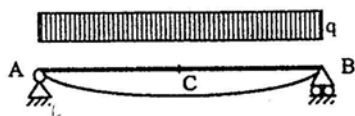
$\mu < 0$



$$\varphi_C = \varphi_B = -Fa^2 / 2EI$$

$$v_C = Fa^3 / 3EI$$

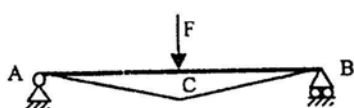
$$v_B = (Fa^3 / 3EI) + (Fa^2b / 2EI)$$



$$\varphi_A = -ql^3 / 24EI$$

$$v_C = 5ql^4 / 384EI$$

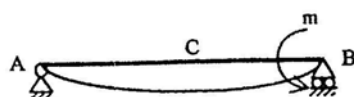
$$\varphi_B = ql^3 / 24EI$$



$$\varphi_A = -Fl^2 / 16EI$$

$$v_C = Fl^3 / 48EI$$

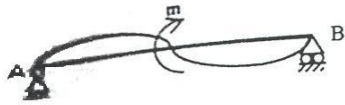
$$\varphi_B = Fl^2 / 16EI$$



$$\varphi_A = -ml / 6EI$$

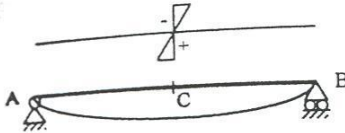
$$v_C = ml^2 / 16EI$$

$$\varphi_B = ml / 3EI$$



$$\varphi_A = ml/24EI$$

$$\varphi_B = ml/24EI$$



$$\varphi_A = -\mu l$$

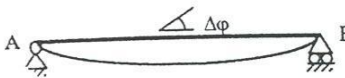
$$\varphi_B = \mu l$$

$$v_C = \mu l^2/8$$

$$\mu = 2\alpha\Delta t/h$$

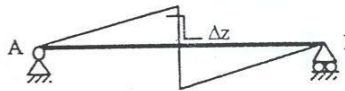
$\mu > 0$

$\mu < 0$



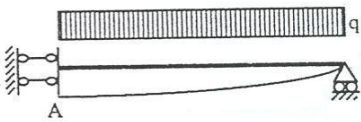
$$\varphi_A = -\Delta\varphi/2$$

$$\varphi_B = \Delta\varphi/2$$



$$\varphi_A = \Delta v/l$$

$$\varphi_B = \Delta v/l$$



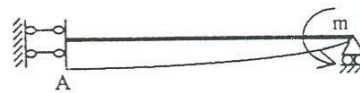
$$\varphi_B = ql^3/3EI$$

$$v_A = 5ql^4/24EI$$



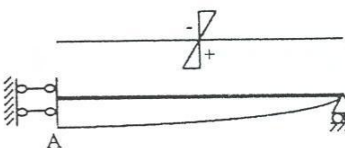
$$\varphi_B = F l^2/2EI$$

$$v_A = F l^3/3EI$$



$$\varphi_B = ml/EI$$

$$v_A = ml^2/2EI$$



$$\varphi_B = \mu l$$

$$v_A = \mu l^2/2$$

$$\mu = 2\alpha\Delta t/h$$

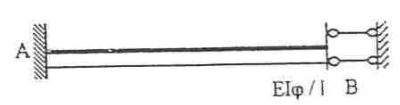
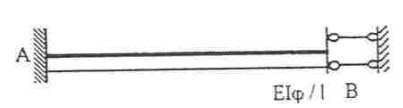
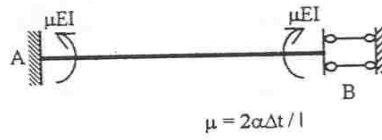
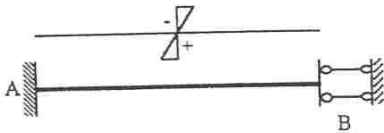
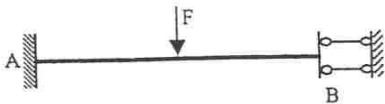
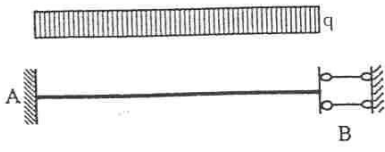
$\mu > 0$

$\mu < 0$

CARICO ESTERNO

REAZIONI VINCOLARI

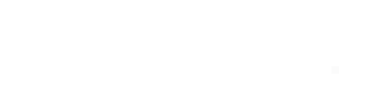
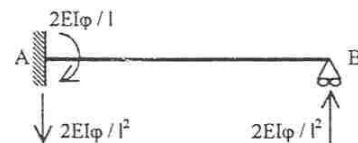
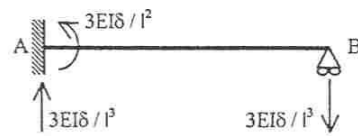
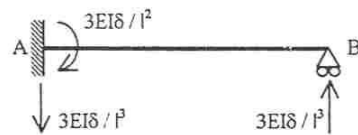
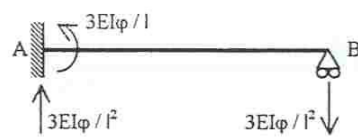
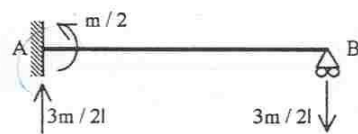
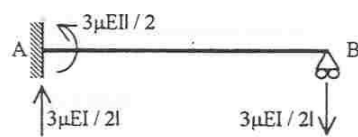
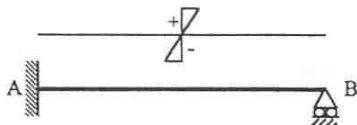
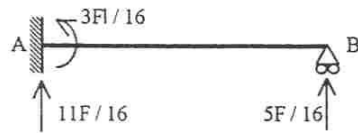
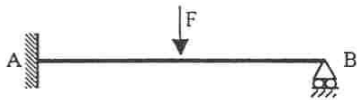
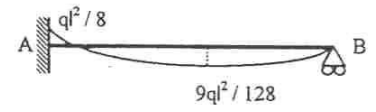
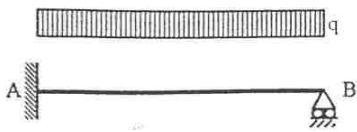
DIAGRAMMA del MOMENTO



CARICO ESTERNO

REAZIONI VINCOLARI

DIAGRAMMA del MOMENTO



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