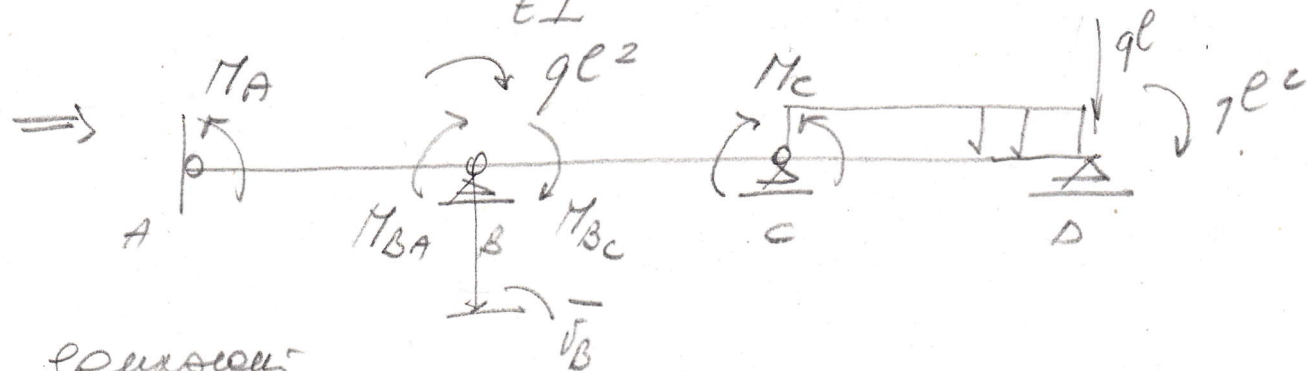
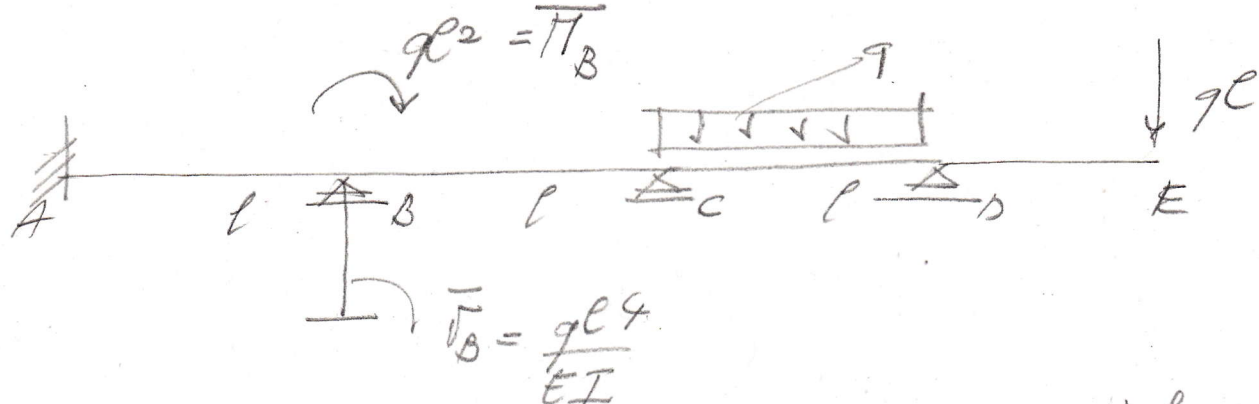




equazioni

risolventi:

$$\varphi_A = \frac{M_{AC}}{3EI} + \frac{M_{BA}l}{6EI} - \frac{ql^3}{EI} = 0$$

$$\varphi_{BA} = -\frac{M_{AC}}{6EI} - \frac{M_{BA}l}{3EI} - \frac{ql^3}{EI} = \varphi_{BC} = -\frac{M_{BC}l}{3EI} + \frac{M_Cl}{6EI} + \frac{ql^3}{EI}$$

$$\varphi_{CB} = -\frac{M_Cl}{3EI} + \frac{M_{BC}l}{6EI} + \frac{ql^3}{EI} = \varphi_{CD} = \frac{M_Cl}{3EI} - \frac{ql^3}{24EI} + \frac{ql^3}{6EI}$$

$$M_{BA} + M_{BC} = ql^2$$

→ Completare con analisi statica dei vari tratti: reazioni e diagrammi