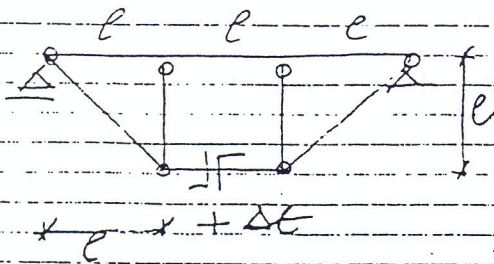
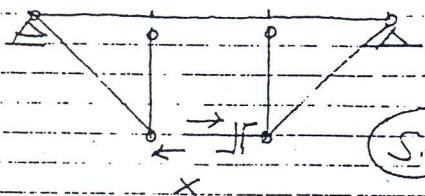


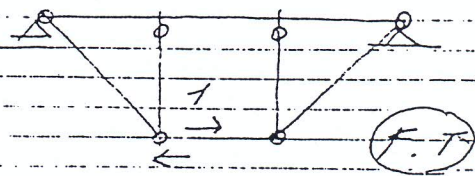
(4A)



(21)

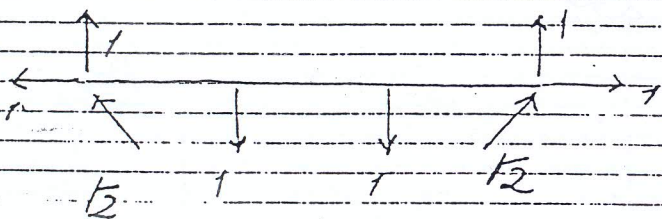


(S.D)



(F.T)

$$\begin{aligned}
 \delta U_e - 1 \Delta \eta = 0 &= \delta U = (-1) \left(\frac{F l \Delta \epsilon}{EA} - x l \right) + \\
 &+ \frac{(-\sqrt{2}) \left(-\sqrt{2} x l \sqrt{2} \right) \cdot 2}{EA} + 1 \cdot \frac{x l \cdot 2}{EA} + \\
 &+ \frac{2}{EI} \int_0^l x z \, dz + \frac{1}{EI} \int_0^l 1 \cdot l \cdot x l \, dz = \\
 &= -\frac{F l \Delta \epsilon}{EA} + \frac{x l}{EA} + \frac{4 \sqrt{2} x l}{EA} + \frac{2 x l}{EA} + \\
 &+ \frac{2 x l^3}{3 EI} + \frac{x l^3}{EI} = \\
 &= -\frac{F l \Delta \epsilon}{EA} + \frac{x l}{EA} (3 + 4 \sqrt{2}) + \frac{5 x l^3}{3 EI} = 0
 \end{aligned}$$

 M^F $M(x) = M^F x$