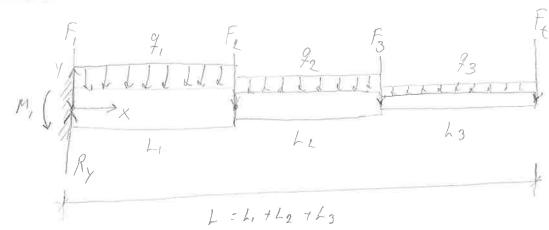
## 3 R- Roset Am

Soldier S. Topela

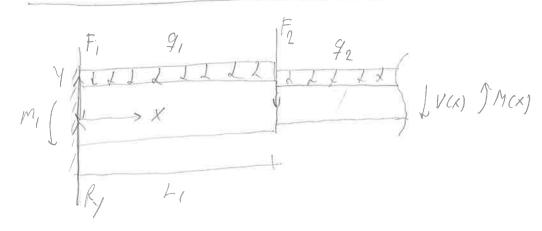


Sectron 7: X & [O, Li)

 $\sum F_{y} = 0 = R_{y} - F_{i} - 2, x - V(x)$  $\Rightarrow V(x) = R_{y} - F_{i} - 2, x$ 

 $\sum M_{\xi} = 0 = M(x) - R_{\bar{y}} x_1 + M_1 + F_1 x_1 + \beta_1 x_2^{\times}$   $\Rightarrow M(x) = R_y x - M_1 - F_1 x_1 - \beta_1 x_2^{\times}$ 

## Section 2 : X & [L,, L, + L2]



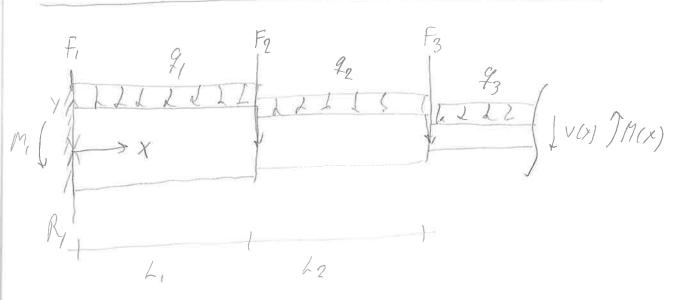
$$\Sigma f_{y} = 0 = R_{y} - F_{i} - F_{i} = 9, L_{i} - 9_{2}(x - L_{1}) - V(x)$$

$$\sum M_{2} = 0 = M(x) - R_{y} x + M_{i} + F_{i} x + F_{e}(x - L_{i}) + 9_{i} L_{i} \left(x - \frac{L'}{2}\right)$$

$$+ 9_{2}(x - L_{i}) \left(\frac{x - L_{i}}{2}\right)$$

$$M(x) = R_y x - M_1 - F_1 x - F_2(x - L_1) - 2, L_1(x - \frac{L_1}{2}) - 2 \frac{(x - L_1)^2}{2}$$

## Section 3 x & [ L, + L2 , L, + L2 + L3 ]



$$M(x) = R_{y}x - M_{x} + f_{x}x - F_{2}(x - L_{1}) - F_{3}(x - L_{1} - L_{2})$$

$$-9_{1}L_{1}(x - \frac{L_{1}}{2}) - 9_{2}L_{2}(x - L_{1} - \frac{L_{2}}{2}) - 9_{3}\frac{(x - L_{1} - L_{2})^{2}}{2}$$