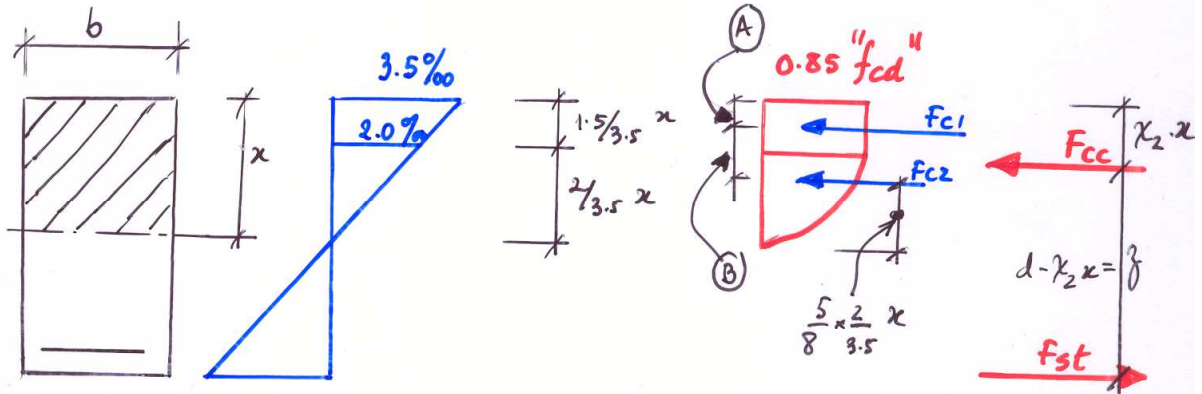


Factors χ_1 & χ_2



$$F_{c1} = 0.85 "f_{cd}" \frac{1.5}{3.5} x b \quad (1)$$

$$F_{c2} = 0.85 "f_{cd}" \frac{2}{3} \cdot \frac{2}{3.5} x b \quad (2)$$

$$A = 0.75 / 3.5 x \quad (3)$$

$$B = \frac{1.5}{3.5} x + \frac{2}{8} \cdot \frac{2}{3.5} x \quad (4)$$

$$F_{cc} = F_{c1} + F_{c2} = \left[\frac{1.5}{3.5} + \frac{2}{3} \cdot \frac{2}{3.5} \right] 0.85 "f_{cd}" b x \quad (5)$$

$$\chi_1 = 0.81$$

$$\begin{array}{ccccccc} f_{c1} \cdot A & + & F_{c2} & (A+B) & = & F_{cc} \chi_2 \cdot x & \Rightarrow \chi_2 = 0.416 \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \\ (1) & (3) & (2) & (3) & (4) & (5) & \end{array}$$

$$\underline{\underline{S_e \quad \epsilon_{c, mx} = 3.5\% !!}}$$