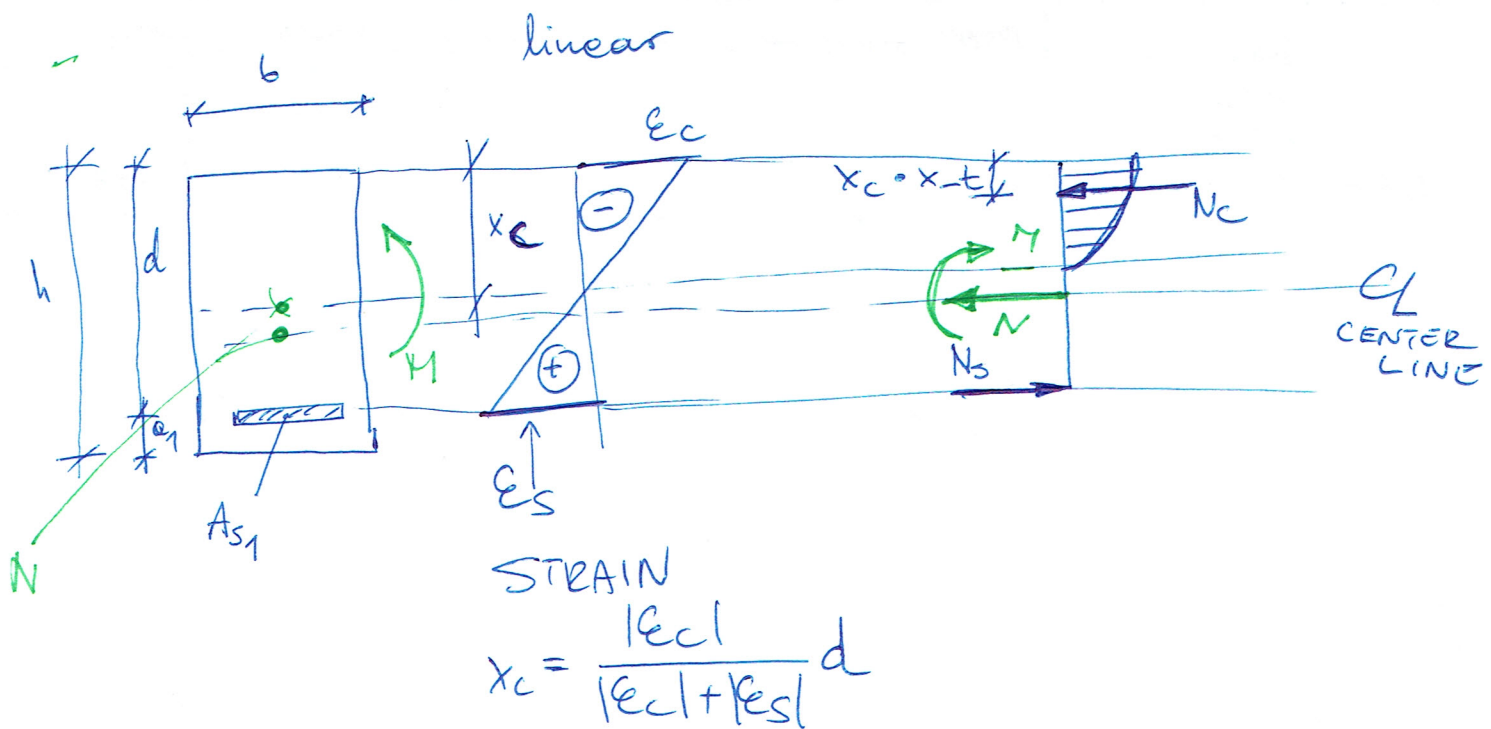




$$N_s = \sigma_s \cdot A_{s1}$$

$$N_c = \sigma_c \cdot \omega \cdot x_c \cdot b$$

part responsible for the shape of compression (f.e. for triangle $\omega = 0.5$)
 when $\epsilon_c = 3.5\text{‰} \rightarrow \omega = 0.805$
 $\epsilon_c = 2.0\text{‰} \rightarrow \omega = 0.667$

$$\sum Y = 0:$$

$$N_c + N - N_s = 0$$

$$\sum M = 0: \text{ (at center point/line of section)}$$

$$M - N_c \cdot (h/2 - x_c - t \cdot \omega \cdot x_c) - N_s (h/2 - a_1) = 0$$