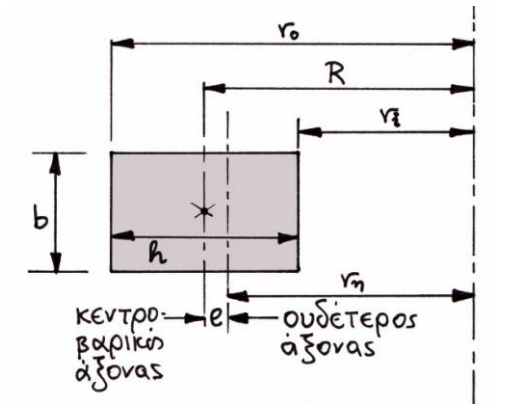
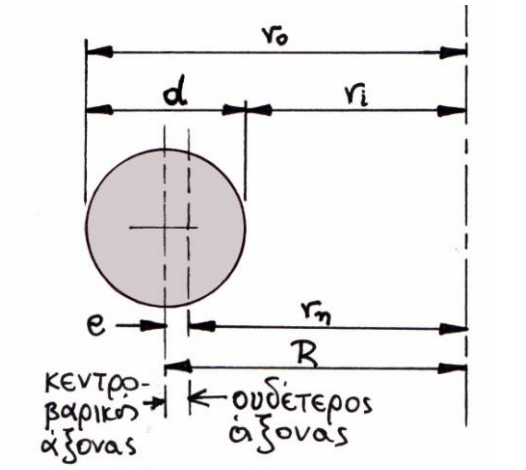
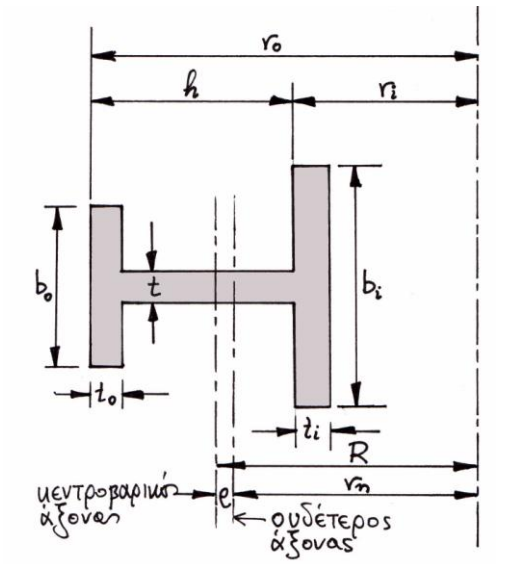
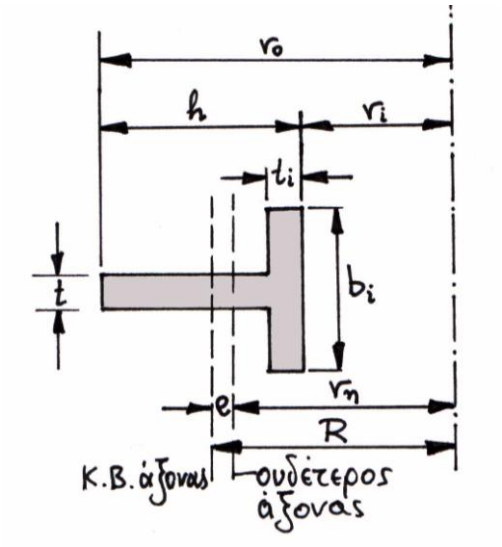
ΚΑΜΠΥΛΕΣ ΔΟΚΟΙ
ΑΠΟΣΤΑΣΕΙΣ ΚΕΝΤΡΟΒΑΡΙΚΟΥ-ΟΥΔΕΤΕΡΟΥ ΑΞΟΝΑ

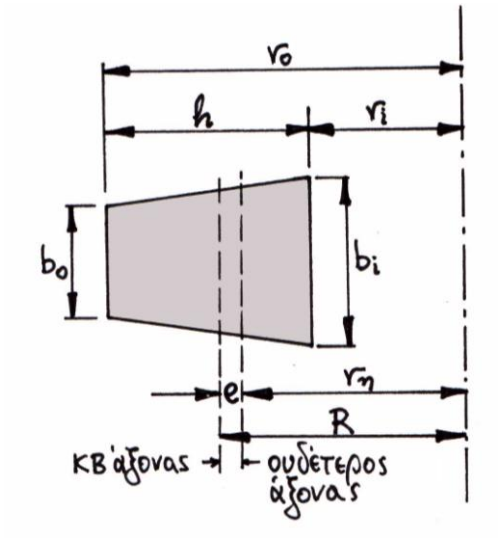
	$r_n = \dfrac{h}{\ell n \dfrac{r_o}{r_i}}$ $e = R - r_n$ $R = r_i + \dfrac{h}{2}$
	$r_n = \dfrac{\left(\sqrt{r_o} + \sqrt{r_i}\right)^2}{4}$ $e = R - r_n$ $R = r_i + \dfrac{d}{2}$
	$r_n = \dfrac{t_i\left(b_i - t\right) + t_o\left(b_o - t\right) + th}{b_i \ell n \dfrac{r_i + t_i}{r_i} + t \ell n \dfrac{r_o - t_o}{r_i + t_i} + b_o \ell n \dfrac{r_o}{r_o - t_o}}$ $e = R - r_n$ $R = r_i + \dfrac{\frac{1}{2}h^2 t + \frac{1}{2}t_i^2\left(b_i - t\right) + t_o\left(b_o - t\right)\left(h - \frac{1}{2}t_o\right)}{t_i\left(b_i - t\right) + t_o\left(b_o - t\right) + th}$



$$r_n = \frac{t_i\left(b_i - t\right) + th}{\left(b_i - t\right)\ \ell n\frac{r_i + t_i}{r_i} + t\ \ \ell n\frac{r_o}{r_i}}$$

$$e = R - r_n$$

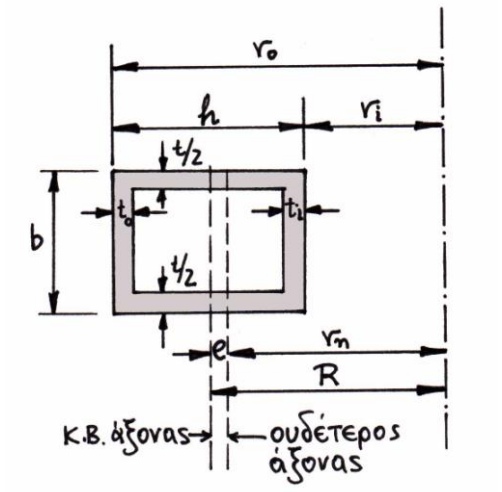
$$R = r_i + \frac{\frac{1}{2}h^2 t + \frac{1}{2}t_i^2\left(b_i - t\right)}{t_i\left(b_i - t\right) + th}$$



$$r_n = \frac{\left(\frac{b_i + b_o}{2}\right)h}{\left(\frac{b_i r_o - b_o r_i}{h}\right)\ell n\frac{r_o}{r_i} - \left(b_i - b_o\right)}$$

$$e = R - r_n$$

$$R = r_i + \frac{h\left(b_i + 2b_o\right)}{3\left(b_i + b_o\right)}$$



$$r_n = \frac{\left(b - t\right)\left(t_i + t_o\right) + th}{b\left[\ell n\frac{r_i + t_i}{r_i} + \ell n\frac{r_o}{r_o - t_o}\right] + t\ell n\frac{r_o - t_o}{r_i + t_i}}$$

$$e = R - r_n$$

$$R = r_i + \frac{\frac{1}{2}h^2 t + \frac{1}{2}t_i^2\left(b - t\right) + t_o\left(b - t\right)\left(h - \frac{1}{2}t_o\right)}{\left(b - t\right)\left(t_i + t_o\right) + th}$$