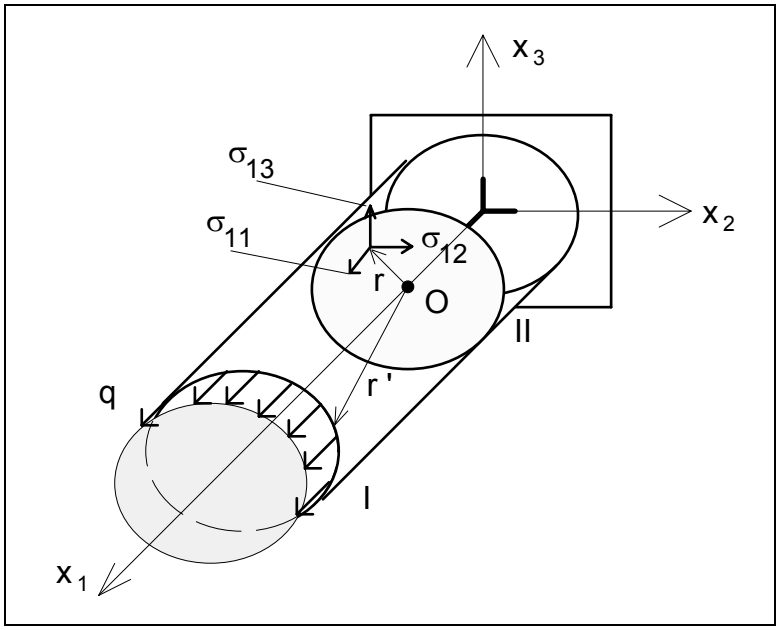
Pierwszy wiersz macierzy naprężeń



$$\overline{S}\left(W_{II}\right) = \overline{S}\left(Z_{I}\right)$$

$$\iint_A \sigma_{11}\, dA = \iint_A q\, dA$$

$$\iint_A \sigma_{12}\, dA = \iint_A 0\, dA$$

$$\iint_A \sigma_{13}\, dA = \iint_A 0\, dA$$

$$\overline{M}\left(W_{II}\right) = \overline{M}\left(Z_{I}\right) \qquad \iint_A \bar{r} \times \bar{p}\, dA = \iint_A \bar{r}' \times \bar{q}\, dA$$

$$\bar{r}\left(0, x_2, x_3\right) \qquad \bar{r}'\left(L - x_1, x_2, x_3\right)$$

$$\bar{p}\left(\sigma_{11}, \sigma_{12}, \sigma_{13}\right) \qquad \bar{q}\left(q, 0, 0\right)$$

$$\iint_A \left(x_2\, \sigma_{13} - x_3\, \sigma_{12}\right) dA = \iint_A \left(x_2\, 0 - x_3\, 0\right) dA$$

$$\iint_A x_3\, \sigma_{11}\, dA = \iint_A x_3\, q\, dA$$

$$\iint_A - x_2\, \sigma_{11}\, dA = \iint_A - x_2\, q\, dA$$