Errata

A Contribution to the Design of a Tunnel Lining in Swelling Rock

by M. Gysel

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Korrekt muß es heißen:

S. 62, erste Zeile:

$$\sigma_z^*, \tau_{xy}, \tau_{yz}^*, \tau_{zx}^*.$$

S. 62, Formel (4), erste Zeile:

$$\sigma_r = \frac{\sigma_x + \sigma_y}{2} \left(1 - \frac{a^2}{r^2}\right) + \frac{\sigma_x - \sigma_y}{2} \left(1 + 3 \frac{a^4}{r^4} - 4 \frac{a^2}{r^2}\right) \cos 2 \Theta +$$

S. 62, Formel (6):

$$\sigma_z = -\nu \left[2 (\sigma_x - \sigma_y) \frac{a^2}{r^2} \cos 2 \Theta + 4 \tau_{xy} \frac{a^2}{r^2} \sin 2 \Theta \right] + \sigma_z^*$$

S. 64, zweite Zeile:

$$\frac{\sigma_r}{\sigma_\Theta} \neq \frac{1-\nu}{\nu} \text{ and } \frac{\sigma_r}{\sigma_z} \neq \frac{1-\nu}{\nu},$$

S. 65, Formel (24):

$$p_i \left(1 + \frac{\beta}{2}\right) \frac{a^2}{d E} - \frac{\beta p_i a^4 (1+\nu)}{18 E J (1+\nu) + 6 a^3 E_F} = h_x$$

S. 66, Formel (25), erste Zeile:

$$\pm \int_a^\infty \frac{\nu}{E} \left\{ \frac{\sigma_x + \sigma_y}{2} \left(1 + \frac{a^2}{r^2}\right) - \frac{\sigma_x - \sigma_y}{2} \left(1 + 3 \frac{a^4}{r^4}\right) - \right.$$

S. 66, Formel (25), dritte Zeile:

$$- \frac{\nu}{1-\nu} \left[\frac{\sigma_x + \sigma_y}{2} \left(1 - \frac{a^2}{r^2}\right) + \frac{\sigma_x - \sigma_y}{2} \left(1 + 3 \frac{a^4}{r^4} - 4 \frac{a^2}{r^2}\right) + \right.$$

S. 66, Formel (25), fünfte Zeile:

$$\pm \int_a^\infty \frac{\nu}{E} \left\{ -2 \nu (\sigma_x - \sigma_y) \frac{a^2}{r^2} + \sigma_z^* - \frac{\nu}{1-\nu} \left[\frac{\sigma_x + \sigma_y}{2} \left(1 - \frac{a^2}{r^2}\right) + \right.$$