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III. Errata of the "Preliminary Publication".

The "Preliminary Publication" is to be corrected as follows:

I 1 A. Freudenthal.

$$\text{p. 7: } \sqrt{\left(\frac{\sigma_x + \sigma_y}{2}\right)^2 + \tau^2} + \sin \rho \frac{\sigma_x + \sigma_y}{2} = C$$

I 2 J. Fritsche.

$$\text{p. 23, eq. (2): } \sigma'_F = \sqrt{\frac{2}{1 + \alpha(1 - \beta)}} \cdot \sigma_F$$

$$\text{p. 33, eq. (13): } \dots = \bar{\sigma}_{o \text{ crit}} [1 + \bar{\sigma}_{o \text{ crit}} \dots]$$

I 4 E. Melan.

$$\text{p. 60, 9}^{\text{th}} \text{ 1. from the bottom: } \vartheta_{11} + c_1 \dots \vartheta_{1\lambda}$$

$$\text{p. 62, 9}^{\text{th}} \text{ 1.: } \bar{\sigma}_i + c_i \bar{v}_i = \dots$$

$$\text{p. 63, 10}^{\text{th}} \text{ 1. from the bottom:}$$

$$\dots + c_i (2 w_i^{(\varphi)} + \Delta w_i^{(\varphi+1)}) \Delta w_i^{(\varphi+1)}$$

$$\text{p. 63, 6}^{\text{th}} \text{ 1. from the bottom: } z_i^{(\varphi+1)} = e_i^{(\varphi+1)} - \dots$$

I 5 E. Kohl.

$$\text{p. 67: } \dots = \frac{34,5 P'_{Gr}}{50,64 + l_z \frac{F_c}{F_z}} \quad \text{for case a}$$

$$\dots = \frac{34,5 P_{Gr}}{60,54 + l_z \frac{F_c}{F_z}} \quad \text{for case b}$$

I 6 R. Lévi.

$$\text{p. 81, 11}^{\text{th}} \text{ 1. from the bottom: } n = \frac{PC}{OP} = \dots$$

IIb 1 E. Bornemann.

$$\text{p. 183, at the bottom: } \sigma_b = \frac{(\delta - x)}{\left(\frac{E_e}{E_b} + \frac{1}{\mu}\right)} \cdot E_e$$

II d 1 F. Baravalle.

p. 322, Fig. 4: Space between the columns 3.90 instead of 5.30

III a 1 O. Kommerell.

$$\text{p. 366, eq. (5): } = \frac{a \cdot \max M + b \cdot \min M}{W} = \dots$$

$$\text{p. 366, eq. (8): } M = \max M + \frac{1}{2} (\dots)$$

IIIa 2 M. Roš.

p. 411, eq. (7): $\sigma_g = \sqrt{\dots + \gamma\tau^2} \leq \sigma_{o\text{zul}}$

p. 412/13: In the article "Obliquely placed fillet-weld"

Accordingly we receive

$$\sigma_h = \frac{P}{h}; \quad \sigma_1 = 0.25 \sigma_h; \quad \sigma_2 = 0.75 \sigma_h; \quad \tau = 0.433 \sigma_h$$

$$\alpha_1 = 0.35; \quad \alpha_2 = 0.85$$

h = depth of weld

From the equation (6) — Fig. 20 — follows that

$$\sigma_h \cdot \sqrt{\left(\frac{0.75}{0.85}\right)^2 + 6 \cdot 0.433^2} = 1.38 \sigma_h \leq \sigma_{o\text{zul}}$$

$$\sigma_h \leq 0.72 \sigma_{o\text{zul}}$$

IIIc 1 N. C. Kist.

p. 518, 3rd li from the bottom:

$$\frac{1}{2} F \sigma_{B\alpha} = \frac{\sigma_{B\text{ zug}}}{\sqrt{\sin^2 \alpha + 3 \cos^2 \alpha}}$$

IVa 3 H. Granholm.

p. 710, eq. (4a): $(\dots) + e^{kx} (C \cos kx + D \sin kx)$

IVb 1 S. Boussiron.

p. 740: $J' = \frac{J_{\text{crown}}}{1 - \frac{K-1}{K} m\gamma}$

IVb 2 Fr. Dischinger.

p. 761, 11th and 16th l.: lowering of the crown of $\frac{1}{3500} \frac{1}{2f}$

p. 769, 18th l. from the bottom: 45,200 tm

IVb 3 A. Hawranek.

p. 791, eq. (3): $\dots + \frac{1}{EF_m} \int \frac{N_x^2 ds}{A' + B'x + Dx^2}$

p. 792, 3rd l.: $\frac{H\Phi}{EF_m} \cdot \frac{2l_v}{\epsilon^2} \left[\left(a + \frac{1}{2}\right) \ln \frac{v}{v_1} + \dots \right]$

V 3 F. and H. Bleich.

p. 878, last equation: $\dots + \frac{1}{G} \sum_i \frac{T_i h_i}{\delta_i} = 0$

p. 889, eq. (42), 3rd eq.: $\dots + EB_\varphi \frac{d^4 \varphi}{dz^4} - GJ_A \frac{d^2 \varphi}{dz^2} = 0$

V 10 Fr. Krabbe.

p. 1032, 8th 1. from the bottom:

$$\dots \frac{4E(J_{dm} + J_{d(m+1)})}{a} - \frac{6EJ_v}{h}$$

p. 1032, 4th 1. from the bottom:

$$\dots + J_{o(m+1)} \vartheta_{(m+1)} - 4J_{dm} \cos \alpha \frac{\vartheta_m}{2} \dots$$

p. 1033, 14th 1.:

$$= \frac{E}{a} \left[-J_{o(m+1)} \vartheta_{m+1} + 4J_{d(m+1)} \cos \alpha \frac{\vartheta_{m+1}}{2} \dots \right]$$

p. 1034, eq. (30): $M_m = -\frac{4EJ_o}{a}$

V 11 B. Laffaille.

p. 1061, 10th 1.: $\frac{d}{dr} (r z' \sigma_r) = Z r$ p. 1062, 3rd 1. from the bottom: $\tau_{r\vartheta} = \sum t_n \cos n\vartheta$

VI 1 Zd. Bazant.

p. 1098, eq. (15a): $\omega' = \frac{1 - \cos \alpha}{\vartheta'} \left[\dots \right]$ p. 1101, eq. (25a): $y = \omega_o r_o \left[\varepsilon - \delta\varepsilon + \frac{(p + p') r_2}{Et} \right]$

VIII 1 A. E. Bretting.

p. 1491, last line: $G = K \left(\frac{y}{10} \right)^n$ p. 1495, 21st 1.: $c = 0.5 d$ p. 1497, 10st 1. from the bottom: $G = K \cdot \left(\frac{y}{10} \right)^n$