

Zeitschrift: IABSE congress report = Rapport du congrès AIPC = IVBH
Kongressbericht

Band: 2 (1936)

Artikel: Errata of the "preliminary publication"

Autor: [s.n.]

DOI: <https://doi.org/10.5169/seals-3386>

Nutzungsbedingungen

Die ETH-Bibliothek ist die Anbieterin der digitalisierten Zeitschriften. Sie besitzt keine Urheberrechte an den Zeitschriften und ist nicht verantwortlich für deren Inhalte. Die Rechte liegen in der Regel bei den Herausgebern beziehungsweise den externen Rechteinhabern. [Siehe Rechtliche Hinweise.](#)

Conditions d'utilisation

L'ETH Library est le fournisseur des revues numérisées. Elle ne détient aucun droit d'auteur sur les revues et n'est pas responsable de leur contenu. En règle générale, les droits sont détenus par les éditeurs ou les détenteurs de droits externes. [Voir Informations légales.](#)

Terms of use

The ETH Library is the provider of the digitised journals. It does not own any copyrights to the journals and is not responsible for their content. The rights usually lie with the publishers or the external rights holders. [See Legal notice.](#)

Download PDF: 02.02.2025

ETH-Bibliothek Zürich, E-Periodica, <https://www.e-periodica.ch>

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:

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

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

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

p. 1033, 14th 1.:

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

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

V 11 B. Laffaille.

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

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: $G = K \cdot \left(\frac{y}{10} \right)^n$