



Correction to: Ratcheting Response of SS316 Steel Samples with Different Notch Shapes under Various Loading Spectra

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Correction to:

JMEPEG

<https://doi.org/10.1007/s11665-021-05639-x>

As a result of an error during the publication process, a number of equations were displayed incorrectly in the PDF version of this article as originally published.

The following shows the incorrect and correct presentations of the equations in question:

Mistyped equation:

$$d-\alpha = \sum_{i=1}^M d-\alpha_i, d-\alpha_i = \frac{2}{3} C_i d-\varepsilon_p - \gamma'_i - \alpha_i dp \quad (\text{Eq 1})$$

Correct equation:

$$d\bar{\alpha} = \sum_{i=1}^M d\bar{\alpha}_i, d\bar{\alpha}_i = \frac{2}{3} C_i d\bar{\varepsilon}_p - \gamma'_i \bar{\alpha}_i dp \quad (\text{Eq 1})$$

Mistyped equation:

$$dp = \sqrt{\frac{2}{3} d-\varepsilon_p \cdot d-\varepsilon_p} \quad (\text{Eq 2})$$

Correct equation:

$$dp = \sqrt{\frac{2}{3} d\bar{\varepsilon}_p \cdot d\bar{\varepsilon}_p} \quad (\text{Eq 2})$$

Mistyped equation:

$$d-\alpha = Cd-\varepsilon_p - \gamma_1(-\alpha - \delta - b)dp \quad (\text{Eq 3a})$$

Correct equation:

$$d\bar{\alpha} = Cd\bar{\varepsilon}_p - \gamma_1(\bar{\alpha} - \delta\bar{b})dp \quad (\text{Eq 3a})$$

Mistyped equation:

$$d-b = \gamma_2(-\alpha - -b)dp \quad (\text{Eq 3b})$$

Correct equation:

$$d\bar{b} = \gamma_2(\bar{\alpha} - \bar{b})dp \quad (\text{Eq 3b})$$

The term $-\varepsilon_p$ should be $\bar{\varepsilon}_p$

The term $-b$ should be \bar{b}

The term $(-\alpha - \delta - b)$ should be $(\bar{\alpha} - \delta\bar{b})$

The term $\sum_{i=1}^M d-\alpha_i$ should be $\sum_{i=1}^M d\bar{\alpha}_i$

The term $d-\varepsilon_p$ should be $d\bar{\varepsilon}_p$

The term $\sum_{i=1}^M d-\alpha_i$ should be $\sum_{i=1}^M d\bar{\alpha}_i$

The term $(-\alpha - \delta - b)$ should be $(\bar{\alpha} - \delta\bar{b})$

Under section “2.2 The Ahmadzadeh-Varvani (A-V) Kinematic Hardening Rule” of the published manuscript, terms δ and k in the below lines are mistyped as shown in the following text:

$\delta = (lex\alpha / -lexk)^m$. Constant k is the ratio of coefficients C and γ_1 as $k = lexC / -lex\gamma_1$, and exponent m is a material

The corrected terms δ and k within the text should be given as below:

$\delta = (\alpha/k)^m$. Constant k is the ratio of coefficients C and γ_1 as $k = C/\gamma_1$, and exponent m is a material constant.

The original article has been corrected.

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The original article can be found online at <https://doi.org/10.1007/s11665-021-05639-x>.

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