ERRATUM

Erratum to “Thermal Conductivity of Oxide Scale Thermally Grown on Iron Substrate Corrected by Temperature-dependent Interfacial Thermal Resistance in Laser Flash Measurement” [ISIJ International, 59 (2019), No. 3, pp. 398–403]

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The authors have made a mistake in description of Eq. (2) in ISIJ Int., 59 (2019), No. 3, pp. 398–403. The authors are extremely regretful for the carelessness, and we would like to correct the equation as follows:

Error:

$$\tau_{A-\text{meas}} = \frac{\tau(2C_A + C_B) - 6\tau_B(2C_A + C_B / 6 + C_A^2 / C_B)}{6C_B + 8C_A} \dots\dots\dots (2)$$

Correct:

$$\tau_{A-\text{meas}} = \frac{\tau(2C_A + C_B) - 6\tau_B(C_A + C_B / 6 + C_A^2 / C_B)}{6C_B + 8C_A} \dots\dots\dots (2)$$

The same mistake was made in Eq. (4) in ISIJ Int., 57 (2017), No. 12, pp. 2097–2106 as well.

Error:

$$\tau_{\text{scale}} = \frac{3A_d(2C_{\text{FeO}} + C_{\text{Fe}}) - 3\tau_{\text{Fe}}(2C_{\text{FeO}} + C_{\text{Fe}} / 6 + C_{\text{FeO}}^2 / C_{\text{Fe}})}{3C_{\text{Fe}} + 4C_{\text{FeO}}} \dots\dots\dots (4)$$

Correct:

$$\tau_{\text{scale}} = \frac{3A_d(C_{\text{FeO}} + C_{\text{Fe}}) - 3\tau_{\text{Fe}}(C_{\text{FeO}} + C_{\text{Fe}} / 6 + C_{\text{FeO}}^2 / C_{\text{Fe}})}{3C_{\text{Fe}} + 4C_{\text{FeO}}} \dots\dots\dots (4)$$

However, the authors have confirmed that calculation was made correctly, and thus there are no changes in the calculated results in each case.

The authors apologize for any inconvenience caused by this mistake.