ERRATUM



Erratum to: An experimental study of Ti and Zr partitioning among zircon, rutile, and granitic melt

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In the original article, Eqs. (2) and (7) were incorrect. The correct equations are given here and, we emphasize, were used in all calculations reported in Hofmann et al. (2013).

On page 246, Eq. (2) is missing parentheses. The correct expression is:

$$\ln (a_{\text{ZrO}_2})^{\text{rt}} + \ln (a_{\text{SiO}_2})^{\phi} - \ln (a_{\text{ZrSiO}_4})^{\text{zrc}}$$
$$= \Delta \tilde{S}^{\circ} / R - (\Delta \tilde{H}^{\circ} + P \Delta \tilde{V}^{\circ}) / RT$$
(2)

On page 248, a minus sign separating two terms was omitted from Eq. (7) during typesetting. The correct expression is:

$$\ln(\text{Ti ppm})^{\text{zrc}} + \ln (a_{\text{SiO}_2})^{\varphi} - \ln (a_{\text{TiO}_2})^{\varphi}$$

= $\Delta \bar{S}^{\circ}/R - \ln(k) - (\Delta \bar{H}^{\circ} + P\Delta \bar{V}^{\circ})/RT$ (7)

On page 246, in the right-hand column, a decimal point was omitted. The correct expression is: $X_{ZrO_2}^{rt}(X_{ZrO_2}^{rt}-2)11.3$.

The online version of the original article can be found under doi:10.1007/s00410-013-0873-6.

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Present Address: A. E. Hofmann (⊠) Department of Chemistry, Franklin & Marshall College, Lancaster, PA 17604, USA e-mail: ahofmann@fandm.edu A number of other small errors were introduced during typesetting that, nevertheless, may lead to some confusion on the part of the reader. Corrections are listed below.

On page 246, in the right-hand column below Eq. 2, a superscript was omitted. The correct expression is: $(a_{ZrO_2})^{rt} \approx X_{ZrO_2}^{rt}$. Similarly, the following non-superscripted instances of X_{ZrO_2} in the right-hand column on page 246 should be $X_{ZrO_2}^{rt}$. On page 247, in the left-hand column, $X_{ZrO_2}(X_{ZrO_2} - 2)W$ should be: $X_{ZrO_2}^{rt}(X_{ZrO_2}^{rt} - 2)W$ and (X_{ZrO_2}) in the first line of the caption to Fig. 7 should be $(X_{ZrO_2}^{rt})$.

On page 248 in the sentence immediately following Eq. (4), a comma was introduced into the value of coefficient *b*. The correct value is b = 0.00421.

In the left-hand column on page 250, parentheses are missing; the corrected text should read: ...between zircon and melt $(D_{Ti}^{zrc/melt})$ to be calculated...

Finally, on that same page (right-hand column), the Greek letter alpha appears to have been substituted for a proportionality symbol. The corrected text should be: $\left(a_{\text{TiO}_2}^{\text{liq}} \propto X_{\text{TiO}_2}^{\text{liq}} \gamma_{\text{TiO}_2}^{\text{liq}}\right)$.