CORRECTION

Correction to: Molybdenite Concentrate Purification by a Continuous Sulfation-Leaching Process

I. Wilkomirsky[1] · J. Becker[1,2] · F. Parada[1]

Correction to: Mining, Metallurgy & Exploration (2022) 39:1679–1686
https://doi.org/10.1007/s42461-022-00628-7

Several corrections are needed in the article. They are as follows:

In the "Abbreviations" section, it is τ instead of T. It is, then, "τ: time required for complete sulfation".

The font size of reaction (2) in part 2 Physico-chemistry of sulfation should be smaller to be coherent with the other reactions in the list.

In the expression of equation (8), delete Âă. Therefore, it is $z=(\bar{u}t+x)/L$

In expression (9), delete Âă. So, it is $C_T(\theta) = \dfrac{C_T}{C_T^0} = \dfrac{1}{2[\pi\theta(D_a/\bar{u}L)]} \exp-\left[\dfrac{(1-\theta)^2}{4\theta(D_a/\bar{u}L)}\right]$

In expression (10), it is τ instead of T. It is then $\bar{t}/\tau = 1 - (1-X_{Cu})^{1/3}$
$\tau = \ldots$

In expression (11), equals symbol is missing and the upper limit of the integral is $\tau(di)$ and not $T(di)$. Thus, it is

$$\overline{X}_A(n) = \sum \Delta\psi(d_i)\left[\int_0^{\tau(d_i)} X_A(d_i)E(t)_n dt\right]$$

In expression (12), delete Âă. Therefore, it is

$$E(t)_n = \dfrac{n^n}{\bar{t}_i(n-1)!}\left(\dfrac{t}{\bar{t}_i}\right)^{n-1} \exp-\left(\dfrac{t}{\bar{t}_i}\right)$$

In the sentence "In Fig. 8, the calculated fraction of copper extracted as a function of the number of back-mixed reactors in series and the dimensionless average reaction time $\theta = t/\theta = t/\bar{t}$., with t being the reaction time required to obtain 0.1 wt% Cu (10 h), is shown.", the correct formula for dimensionless average reaction time is $\theta = t/\bar{t}$.

✉ I. Wilkomirsky
  iwilkomi@udec.cl

  J. Becker
  jbecker@ime-aachen.de

1 Department of Metallurgical Engineering, University of Concepcion, Concepcion, Chile

2 IME Process Metallurgy and Metal Recycling, RWTH, Aachen, Germany