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Erratum

Erratum to: "A new approach for coupled modelling of the structural and thermo-physical properties of molten salts. Case of a polymeric liquid LiF-BeF_2"

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The optimized Gibbs energies for the second-nearest neighbours exchange reactions of the liquid solution were not reported correctly in Eqs. (17)–(19) in our recent work [1]. The corresponding equations should read:

$$\Delta g_{LiBe_{IV}/F_2}/\left(J{\cdot}mol^{-1}\right) = -25000-6.2(T/K)+2000\,\chi_{LiBe_{IV}/F_2} \quad (1)$$

$$\Delta g_{LiBe_2/F_2}/\left(J{\cdot}mol^{-1}\right) = -35800-6.2(T/K) \quad (2)$$

$$\begin{aligned}\Delta g_{LiBe_3/F_2}/\left(J{\cdot}mol^{-1}\right) = {} & -12300-22.5(T/K)\\ & +(20000-21.3(T/K))\,\chi_{Be_3Li/F_2}\\ & +12900\,\chi^2_{Be_3Li/F_2}\end{aligned} \quad (3)$$

Declaration of competing interest

The authors declare that they have no known competing financial interests or personal relationships that could have appeared to influence the work reported in this paper.

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References

[1] A.L. Smith, E. Capelli, R.J.M. Konings, A.E. Gheribi, Journal of Molecular Liquids 299 (2020) 112165.

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