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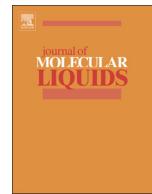
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Erratum

Erratum to: “A new approach for coupled modelling of the structural and thermo-physical properties of molten salts. Case of a polymeric liquid LiF-BeF₂”A.L. Smith ^{a,*}, E. Capelli ^a, R.J.M. Konings ^b, A.E. Gheribi ^c^a Delft University of Technology, Faculty of Applied Sciences, Radiation Science & Technology Department, Mekelweg 15, 2629 JB Delft, the Netherlands^b European Commission, Joint Research Centre (JRC), Directorate for Nuclear Safety and Security, Postfach 2340, D-76125 Karlsruhe, Germany^c Centre for Research in Computational Thermochemistry, Department of Chemical Engineering, Ecole Polytechnique, C.P. 6079, Succursale “Downtown”, Montreal, Quebec H3C 3A7, Canada

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:

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

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

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

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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