

Erratum to: Computational study of Th⁴⁺ and Np⁴⁺ hydration and hydrolysis of Th⁴⁺ from first principles

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As originally published, the article contained a few minor errors. In order to avoid any confusion or misunderstanding, we would like to make the following corrections:

- 1) The correct temperature for entropy calculations was 298.15 K and not 198.15 K; the correct grid quadrature employed for the numerical XC term was m3 and not m5.
- 2) The last line in abstract should be: “Finally, this methodology has the advantage...” instead of “Finally, our methodology has the advantage...”.
- 3) On page 69-4, before the equations (7) and (8) should be: “The values were calculated according the equations

[44],” instead of “The values were calculated according the equations,”.

- 4) On page 69-4, after equations (7) and (8) should be: “We had to approximate ΔH_{H}^0 by ΔE_{H} since $\text{An}_{(\text{g})}^{4+}\text{H}^0$ data were not available, as done by Wiebke et al [44].”.
- 5) On page 69-4, The ΔG_{Solv}^0 instead of “ ΔG_0 Solv”.
- 6) On page 69-2, should be: “...the recommended values [47,48] of 172 and 130 pm were used.” instead of “the recommended values [47, 48] of r of 172 and...”.

These corrections do not affect any results or conclusions of the published work.

The online version of the original article can be found at <http://dx.doi.org/10.1007/s00894-017-3252-9>.

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