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CORRECTION

Correction to: Accelerating Reactive Transport Modeling: On-Demand Machine Learning Algorithm for Chemical Equilibrium Calculations

Allan M. M. Leal[1] · Svetlana Kyas[1] · Dmitrii A. Kulik[2] · Martin O. Saar[1,3]

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In the original publication of the article, Table 2 and some sentences in the texts have been published incorrectly. The corrected version of Table 2 and the sentences are provided in this correction. The sentence "*they are reliable and our benchmark*" in the section "1.1.1 Advantages of the Smart Chemical Equilibrium Algorithm" under the heading "*Reliability*." should read as "*they are reliable and serve as a benchmark*". Also, the sentence "'N secondary species" below the equation 24 should read as "N-E secondary species". The original article has been corrected.

The original article can be found online at https://doi.org/10.1007/s11242-020-01412-1.

✉ Allan M. M. Leal
allan.leal@erdw.ethz.ch

Svetlana Kyas
svetlana.kyas@ethz.ch

Dmitrii A. Kulik
dmitrii.kulik@psi.ch

Martin O. Saar
saarm@ethz.ch

[1] Department of Earth Sciences, Geothermal Energy and Geofluids Group, Institute of Geophysics, ETH Zürich, Zurich, Switzerland

[2] Laboratory for Waste Management, Nuclear Energy and Safety Research Department, Paul Scherrer Institute, Villigen, Switzerland

[3] Department of Earth and Environmental Sciences, University of Minnesota, Minneapolis, USA

Table 2 Description of the chemical system used for the reactive transport simulation

Elements	C, Ca, Cl, H, Mg, Na, O, Si, Z[a]			
Phases	Aqueous, Calcite, Dolomite, Quartz			
Species	$CO_2(aq)$	$Cl^-(aq)$	$H_2O_2(aq)$	$MgCO_3(aq)$
	$CO_3^{2-}(aq)$	$ClO^-(aq)$	$HCO_3^-(aq)$	$MgCl^+(aq)$
	$Ca(HCO_3)^+(aq)$	$ClO_2^-(aq)$	$HCl(aq)$	$MgOH^+(aq)$
	$Ca^{2+}(aq)$	$ClO_3^-(aq)$	$HClO(aq)$	$Na^+(aq)$
	$CaCO_3(aq)$	$ClO_4^-(aq)$	$HClO_2(aq)$	$NaCl(aq)$
	$CaCl^+(aq)$	$H^+(aq)$	$HO_2^-(aq)$	$NaOH(aq)$
	$CaCl_2(aq)$	$H_2(aq)$	$Mg(HCO_3)^+(aq)$	$O_2(aq)$
	$CaOH^+(aq)$	$H_2O(l)$	$Mg^{2+}(aq)$	$OH^-(aq)$
	Calcite	Dolomite	Quartz	

[a]Z is the symbol for the element representing electric charge