

Correction

Correction: Feistel, R.; Hellmuth, O. Irreversible Thermodynamics of Seawater Evaporation. *J. Mar. Sci. Eng.* 2024, 12, 166

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A sign error has been found in Equation (32) of the paper [1], which correctly should be (the following subsequent equations must also be corrected):

$$J_W = -D_f \left\{ \ln \left[1 + \frac{SM_W}{(1-S)M_S} \right] + \ln \psi_f(x_V, T, p) \right\}. \quad (32)$$

This error had propagated into the subsequent Equations (51) and (53), to be corrected as

$$\Delta \mu_W \approx -R_W T \left\{ \ln \left[1 + \frac{SM_W}{(1-S)M_S} \right] + \ln \psi_f(x_V, T, p) \right\}. \quad (51)$$

$$K^{\text{evap}}(A, S, T, p) = \frac{L^{\text{evap}}(A, S, T, p)}{T} - R_W \left\{ \ln \left[1 + \frac{SM_W}{(1-S)M_S} \right] + \ln \psi_f(x_V, T, p) \right\}. \quad (53)$$

and similarly, again in the repeated Equations (32) and (53) in Section 6, Summary, on pp. 15–16:

$$J_W = -D_f \left\{ \ln \left[1 + \frac{SM_W}{(1-S)M_S} \right] + \ln \psi_f(x_V, T, p) \right\},$$

$$K^{\text{evap}}(A, S, T, p) = \frac{L^{\text{evap}}(A, S, T, p)}{T} - R_W \left\{ \ln \left[1 + \frac{SM_W}{(1-S)M_S} \right] + \ln \psi_f(x_V, T, p) \right\}$$



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Reference

1. Feistel, R.; Hellmuth, O. Irreversible Thermodynamics of Seawater Evaporation. *J. Mar. Sci. Eng.* 2024, 12, 166. [[CrossRef](#)]

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