

## Erratum

# The heat capacity at constant pressure in the nearly-free-electron approximation for binary liquid alloys of alkali metals HTHP, 2018, v. 47, p. 205-211

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The following is an erratum to the paper “The heat capacity at constant pressure in the nearly-free-electron approximation for binary liquid alloys of alkali metals” that was published in HTHP, 2018, v. 47, p. 205–211.

After Eq. (5) it was indicated that  $i \neq j$ . It is true for this equation proper but not for subsequent expressions. Therefore, it is more correct to write this equation as

$$\left( \frac{\partial F_{\text{var-HS}}}{\partial \sigma_{ii}} \right)_{\Omega, T, \sigma_{jj} \neq \sigma_{ii}} = 0, \quad (5)$$

where  $T$  is the temperature.

The divisor 8 was mistakenly taken into account twice – in Eq. (7) and Eq. (8), while it is necessary in Eq. (8) only. Thus, Eq. (7) must be rewritten as follows:

$$\varphi_{ij\text{NFE}}(r) = \frac{z_i z_j}{r} + \frac{\Omega}{\pi^2} \int_0^\infty F_{ij}(q) \frac{\sin(qr)}{qr} q^2 dq \quad (7)$$

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