

Additions and Corrections

Self-diffusion coefficients of liquid alkali metals described by the square-well model within the mean spherical approximation

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The authors want the following changes to be made in the paper:

- 1) In the right-hand side of Eq. (16) the mean atomic density, ρ , was omitted. In corrected form this equation should be written as follows:

$$\xi_2 = -\frac{(\beta\pi M)^{1/2}}{12\pi^2} \rho \int_0^{\infty} [S(q) - 1] \phi_{\text{HC}}(q) q^3 dq \quad \dots (16)$$

- 2) In the title of Table 2 the caption “ $D * 10^{-9}$ (m² / s)” must be replaced by “ $D * 10^9$ (m² / s)”;
- 3) After Eq. (5), the paragraph indent must be annulled for the retention of the sentence’s sense: “For an arbitrary HC pair potential

$$\varphi_{\text{HC}}(r) = \begin{cases} \infty, & r < \sigma \\ \phi_{\text{HC}}(r), & r \geq \sigma \end{cases} \quad \dots (5)$$

Lebowitz and Percus²⁹ suggested the mean spherical approximation to describe...”;

- 4) After Eq. (9) for more clarity the general explanation “[a] is the integral part of a ” should be substituted with the detail explanation “[$(n + 1) / 2$] is the integral part of $(n + 1) / 2$ ”.

The error is regretted.