

Erratum: Propagation of a plane front in an inhomogeneous medium [Sov. Phys. JETP 58, 1076 (1983)]

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The factor $(\pi D)^{-1/2}$ was accidentally dropped from the right side of Eq. (5). As a result, Eqs. (6) and (7) should read

$$v = E - \frac{\gamma_h}{6\sqrt{2}T} - \alpha v^{3/2} \gamma_U \frac{D^{3/2}}{T^{3/2}}; \quad \alpha = \frac{\Gamma^2(1/3)}{2^{7/2} 3^{7/2} \pi^{1/2}} \approx 0.42, \quad (6)$$

and

$$E_h^* \approx 0.1 \gamma_h / T; \quad E_U^* \approx 0.07 \gamma_U^2 D^2 / T^2. \quad (7)$$

In the (unnumbered) equations for T_{h^*} and T_{U^*} , $D^{1/2}$ should be replaced by $D^{1/3}$.

Translated by D. L. Book