

---

# Erratum

---

## The Thermodynamic Limit for Jellium<sup>1</sup>

Elliott H. Lieb<sup>2</sup> and Heide Narnhofer<sup>3</sup>

*Received September 22, 1975*

On p. 309, Eq. (A.5) should read

$$\begin{aligned} \inf \langle \psi, K\psi \rangle &\approx j\rho^{2/3}(3/5)(3\pi^2)^{2/3} = jr_s^{-2}(3/5)(9\pi/4)^{2/3} \\ &= 2.21jr_s^{-2} \text{ Ry} \end{aligned} \quad (\text{A.5})$$

Accordingly, the resulting expressions should read as follows:

$$j^{-1}H \geq r_s^{-2}(2.21 - 1.80r_s) \text{ Ry} \quad (\text{A.6})$$

$$r_s = 2.46 \quad (\text{A.7})$$

$$j^{-1}H \geq -0.367 \text{ Ry} \quad (\text{A.8})$$

---

<sup>1</sup> This paper appeared in *J. Stat. Phys.* **12**(4):291 (1975).

<sup>2</sup> Department of Mathematics and Physics, Princeton University, Princeton, New Jersey.

<sup>3</sup> Institute for Theoretical Physics, University of Vienna, Vienna, Austria.