

## *Erratum*

### **The Positivity of the Pressure in Thomas-Fermi Theory**

R. Benguria and E. H. Lieb

Commun. Math. Phys. **63**, 193–218 (1978)

The conclusion of Lemma 2.4 should read :

then  $\sum_{i=1}^k w_i f_i(\underline{z} + \lambda \underline{w})$  is increasing in  $\lambda$  for  $\lambda \geq 0$  and  $\underline{z}, \underline{w} \in \mathbb{R}_+^k$ .

In the proof of Corollary 2.5 “... $f_i$  is increasing” should be replaced by “... $\sum (z_2)_i f_i(\lambda z_2 + z_1)$  is increasing ...”. Lemma 2.4 was used only to prove Corollary 2.5, and the latter was used in the equation following (4.42).