

# Errata

## Publication I

In Eq. (9),  $|n-1|$  should be substituted by  $1-|n-1|$ . The corrected version of the equation is

$$e_{xc}(n, U) = \alpha_1 (e^{-\alpha_2 U^2} - 1) e^{-(\alpha_3(1-|n-1|) - \alpha_4)^2}. \quad (4.1)$$

All calculations were done using the correct version of the equation, and the numerical results and conclusions remain unchanged.

M. Ijäs, A. Harju, *Phys. Rev. B* **84**, 199903(E) (2011).

