

Nonlocal Correlations in Density Functional Theory

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ERRATA

After publication, the following errors and misprints have been found:

- Page 1, second paragraph, in second sentence: " $1.5 - 2 \text{ \AA}$ ".
- Page 1, third paragraph, in second sentence: " $2.5 - 4 \text{ \AA}$ ".
- Page 2, Sec. 1.1, third paragraph, end of first sentence: "[19,12,20,21,22]". After second sentence, insert: "Those schemes, together with similar methods developed in quantum chemistry [13,14], are collectively called GGAs."
- Page 5, third paragraph, in first sentence: "probability density".
- Page 5, last paragraph, in first sentence: "probability density".
- Page 6, below Eq. (2.5): "where $F[n] = T[\gamma] + E_{\text{coul}}[n_2]$ is provably a functional of the density only [1].".
- Page 7, above Eq. (2.7): "the orthogonal (Kohn-Sham) one-particle".
- Page 7, below Eq. (2.8): "Scraping up".
- Page 7, Sec. 2.2, first paragraph, in last sentence: "potential to keep the density fixed and".
- Page 8, Eq. (2.13): missing d^3r' .
- Page 10, Eq. (3.1): missing dt' .
- Page 10, footnote, second sentence: "[46,47], as in this text, the concern is the response of the *ground state*, for which Eq. (3.1) always holds."
- Page 12, first paragraph, in last sentence: "Green's".
- Page 12, in second last sentence: " $\chi_\lambda(\mathbf{r}, \mathbf{r}'; iu)$ ".
- Page 14, in third paragraph, last sentence: " ψ_i 's".
- Page 16, in Eq. (35), " $\alpha_{\text{ext}}(\mathbf{r}, \mathbf{r}'; iu)$ ".
- Paper VI, Sec. IV, below Eq. (21), invocation of Ref. 30: deleted.
- Paper VI, Sec. IV/A, in last sentence above Eq. (29): " $\hat{a}(iu, \mathbf{r}, \mathbf{q})$ ".
- Paper VI, Figure 6, legend, last sentence: "*Dashed line*: Ref. 15."
- Paper VI, Figure 7, legend, in second sentence: "*Dashed line*". In third sentence: "*Solid line*". Fourth sentence: deleted.
- Paper VI, Appendix B, in first sentence below Eq. (B7): " $\Delta(1 - \Delta/2)$ ".

No results are affected.