Erratum: Correlation energy of the uniform electron gas from an interpolation between high- and low-density limits [Phys. Rev. B **81, 085123 (2010)]**

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Equation (A3) propagates a transcription error from Ref. [1]. In this equation, $\tan^{-1}(u)$ should be replaced by $\tan^{-1}(1/u)$. A detailed derivation is presented in Ref. [2]. The parametrization of $a_1(\zeta)$ in Table II, and its $|\zeta| \rightarrow 1$ limit are not accurate. The error in this limit was pointed out in Ref. [3]. However, the correction has only a minor effect on the density parameter interpolation (DPI) and no effect in the spin-unpolarized limit. The corrected parametrization and corrected DPI are presented in Ref. [2].

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