

Erratum to:

Particle density and transition temperature of weakly interacting quantum gases

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Above equation (A.5) the paragraph should be read as

“It is just observed that if we use the change in chemical potential at the transition temperature using equations (A.2) and (A.4) in (A.1) for Δz , and use $z_0 = 1 - x$ and take the limit $x \rightarrow 0$, we get the density strictly in the first order in scattering length as:”

Equation (A.5) remains same and there is no change at all in our conclusion.

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