CORRIGENDUM

Cold atoms at unitarity and inverse square interaction

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It has come to our attention that the numerical solution of equation (21) that we adopted in the paper, namely the statistical parameter $g = 1 - 1/(\sqrt{2})$, is invalid. This solution, now shown to be incorrect, was crucial in relating the phenomenologically determined parameter $g$ with the one obtained from the universal second virial coefficient. Therefore our main conclusion, that the phenomenological value of $g$ needed to fit the data may be deduced from theory, cannot be established following the procedure given in the paper. A corrected version will be submitted at a later date. We regret the inconvenience caused as a result of our error.