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Erratum: “Hard sphere radial distribution function again”  

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Some misprints have been found for parameters $\mu = \mu_o$ and $\gamma = \gamma_o$ given by Eqs. (29) and (30) and the relevant equations in the Appendix. Both of these parameters can be evaluated directly using the original Wertheim solution\(^1\) where they read

\[
\mu \sigma = \mu_o \sigma = \frac{2 \eta}{1 - \eta} \left( 1 - \frac{d}{2 \eta} + \frac{\eta}{d} \right),
\]

\[
\gamma = \gamma_o = \arctan \left( - \frac{1}{\beta_o} \left[ \frac{\sigma (\alpha_o^2 + \beta_o^2) - \mu_o (\alpha_o^2 - \beta_o^2)}{\sigma (\alpha_o^2 + \beta_o^2 - 2 \mu_o \alpha_o)(1 + \frac{1}{2} \eta) - \mu_o (1 + 2 \eta)} \right] \right). \tag{30}
\]

The calculations have been performed using correct equations and all results reported are not affected by these misprints.

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