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

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

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

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

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