

Unpublished erratum for “Screened Electrostatic Interactions in Molecular Mechanics,” B. Wang and D. G. Truhlar, Journal of Chemical Theory and Computation **10**, 4480-4487 (2014). [dx.doi.org/10.1021/ct5005142](https://doi.org/10.1021/ct5005142).

Equation 9. $E_4(1,2)$ has an extra κ factor that does not belong. The equation in the paper reads:

$$E_4(1, 2) = n_{\text{screen,A}} n_{\text{screen,B}} (1/R) \{ 1 - (1 - \kappa)^3 [1/16(1 - 5\kappa - 4\kappa^2) - 1/8\kappa s_A] \exp(-2s_A) - (1 + \kappa)^2 [1/16(15 - 22\kappa + 15\kappa^2 - 4\kappa^3) + 3/8(3 - 3\kappa + \kappa^2)sb + 1/4(2 - \kappa)sb^2 + (1/12)\kappa sb^3] \exp(-2sb) \}$$

However, the kappa (red in this document) in the last sb^3 term should not be there as may be verified from ref. 46. This is just a typo in the paper. There is no error in our computer code or in any of our numerical results.

We are grateful to Josh Rackers for pointing out this typo.