

Reviews in Computational Chemistry
Volume 19, Chapter 4
Errata and Clarifications
December 8, 2003

Equation [178] should read

$$\frac{\kappa_D^2 u(r)}{1-[u(r)]^2} + 2u(r) \left(\frac{u'(r)}{1-[u(r)]^2} \right)^2 = \frac{\kappa_D^2 \zeta}{4} \sinh[z\phi_{NLDH}(r)]$$

The last sentence on p. 217 should be replaced with: “The unbounded error for the approximate NLDH potential for a cylinder at small $\kappa_D a$ (Figure 19) is due to the use of Eq. [182].”

In the caption for Figure 21, replace “...(or R/z)...” with “...(R/2)...”

The data for Figures 29 and 30 are as stated in the caption to Figure 29; $\kappa_D a = 1$ in the legends refers only to the cylindrical data; sphere data is for $\kappa_D a = 2$.

Equation [279] should read

$$\frac{\beta F(R)}{\text{Length}} = \frac{4A_1(R)A_2(R)K_1(\kappa_D R)}{L_B z^2 K_0(\kappa_D a_1)K_0(\kappa_D a_2)}$$

Line 11, p. 309 should read: “...when an external set ($0 \rightarrow Q^H$) ...”

In Eq. [407], the superscript of the free energy in the first line should read B and that of the second line should read C.

The sign in front of the summation over background charges in Eq. [412] should be positive.