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Mariusz Makowski, Adam Liwo, and Harold A. Scheraga*: Simple Physics-Based Analytical Formulas for the Potentials of Mean Force for the Interaction of Amino-Acid Side Chains in Water. 1. Approximate Expression for the Free Energy of Hydrophobic Association Based on a Gaussian-Overlap Model

Page 2910−2916. In our previous paper, we have found that the $w'N_D$ term was erroneously omitted from the intermediate parts of eq 6 on page 2912, although the final right-hand side of this equation was correct. The corrected eq 6 is as follows:

$$\Delta F_{cav} = F^{(1,2)} - F^{(1)} - F^{(2)} = \eta[N_A + wN_C + w'N_D - N_s^{(1)} - N_s^{(2)}] = \eta[N_s^{(1)} + N_s^{(2)} - N_B + (w - 2)N_C + (w' - 2)N_D - N_s^{(1)} - N_s^{(2)}] = -\eta N_B + \eta[(w - 2)N_C + (w' - 2)N_D] \quad (6)$$

The correction does not affect our results, discussion, and conclusions.

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