

## Errata

for An Empirical Energy Potential with a Reference State  
for Protein Fold and Sequence Recognition

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1. Equation (10) in the right-hand side of page 360.

$$\begin{aligned} & \log\left(\sum_s \exp(-\beta E^{conf}(s, i))\right) \\ & \simeq \log\left(\sum_{s \in \{\text{native-like conformations}\}} \exp(-\beta E^{conf}(s, i))\right) \end{aligned} \quad (8)$$

$$\begin{aligned} & \simeq \log\left(\sum_{s \in \{\text{native-like}\}} 1\right) \\ & \quad -\beta \langle E^{conf}(s, i) \rangle_{\beta=0, \text{ native-like}} \end{aligned} \quad (9)$$

$$\simeq n_r \sigma$$

$$-\beta(E^{conf} \text{ of a typical native structures with the same amino acid composition}) \quad (10)$$

where  $n_r$  is the sequence length of a protein and  $\sigma$  is a constant to represent a conformational entropy per residue in  $k$  units for native-like structures.