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Fraaije, J. G. E. M.

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J. G. E. M. Fraaije

Laboratory of Biophysical Chemistry, University of Groningen, Nijenborgh 4, 9747 AG Groningen, The Netherlands

We correct here a few errors: In Eq. (2.9) for the density functional plus and minus signs are swapped in the exponent and a label to the segment index counter was absent. The correct formula is

$$\rho_I[U](\mathbf{r}) \equiv C^0 \sum_{s'=1}^N \delta_{Is'}^K \int_{V^N} \exp - \beta \left(H^{\text{id}} + \sum_{s=1}^N U_s \right) \delta(\mathbf{r} - \mathbf{R}_{s'}) D\mathbf{R}. \quad (2.9)$$

In the diffusion equation (2.25) the central dot sign $\cdot$ is misplaced. The correct formula is

$$\frac{\partial \rho_A}{\partial t} = D \nabla \cdot \rho_A (1 - \rho_A) [\nabla \mu + \nabla \tilde{\eta}]. \quad (2.25)$$