

Corrigendum

Corrigendum to “Evaluation of the electric force in electrophoresis”
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On page 326, Eq. (31) should be corrected as

$$0 = \eta \nabla^2 \mathbf{u} - \nabla p + \varepsilon \nabla^2 \Psi \nabla \Psi. \quad (31)$$

On page 327, Eqs. (52), (53), (55), and (56) should be respectively corrected as

$$\mathbf{n} \cdot \nabla \Psi_1 = \frac{eN_S/\varepsilon}{1 + \frac{[\text{H}^+]_b}{K_a} \exp\left(-\frac{e\Psi_1}{k_B T}\right)}, \quad (52)$$

$$\mathbf{n} \cdot \nabla^* \Psi_1^* = \frac{A}{1 + B \exp(-\Psi_1^*)}, \quad (53)$$

$$\mathbf{n} \cdot \nabla \Psi_1 = \frac{eN_S/\varepsilon}{\{1 + [\text{H}^+]_b/K_a\}} + \frac{(e^2 N_S/\varepsilon k_B T)\{[\text{H}^+]_b/K_a\}}{\{1 + [\text{H}^+]_b/K_a\}^2} \Psi_1, \quad (55)$$

$$\mathbf{n} \cdot \nabla^* \Psi_1^* = \frac{A}{1 + B} + \frac{AB}{[1 + B]^2} \Psi_1^*. \quad (56)$$

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