



Correction

A generalization of the Shell Theorem.

Electric potential of charged spheres and charged vesicles surrounded by electrolyte

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A correction on

István P. Sugár. A generalization of the Shell Theorem. Electric potential of charged spheres and charged vesicles surrounded by electrolyte. AIMS Biophysics, 2020, 7(2): 76–89. DOI: 10.3934/biophy.2020007. The author noticed an error in Eq.4. When the error was identified, it was corrected immediately.

The current incorrect version of Eq.4 is:

$$V(\underline{r}) = \iiint d^3\underline{r}' \frac{\rho(\underline{r}')}{4\pi\epsilon_0\epsilon} \frac{e^{-|\underline{r}-\underline{r}'|/\lambda_D}}{|\underline{r}-\underline{r}'|} \quad (4)$$

The correct version of Eq.4 should be:

$$V(\underline{r}) = \iiint d^3\underline{r}' \frac{\rho(\underline{r}')}{4\pi\epsilon_0\epsilon} \frac{e^{-|\underline{r}-\underline{r}'|/\lambda_D}}{|\underline{r}-\underline{r}'|^2} \quad (4)$$

Conflict of interest

The author declares no conflict of interest.



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