Corrigendum: Spatial variation of permittivity of an electrolyte solution in contact with a charged metal surface: a mini review

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CORRIGENDUM

Spatial variation of permittivity of an electrolyte solution in contact with a charged metal surface: a mini review

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After our article (DOI: 10.1080/10255842.2011.624769) was published online, we found some additional typographical errors in Equations (104), (108), (109) and (110) which should be correctly read as follows:

\[ \gamma = \frac{3}{2} \left( 2 + \frac{n^2}{3} \right) \cdot g \left( \frac{2 + n^2}{3} \right)^2 \rightarrow g. \]

\[ n_w(x) = n_s \frac{n_0 e^2 \phi^2}{n_0 e^2 \phi^2 + n_0 e^{-2 \phi^2} \phi^2 + n_0 e^{2 \phi^2} \phi^2 + n_0 e^{-2 \phi^2} \phi^2} \left( e^{-\gamma p E \cos(\omega) + \beta g p_0^2} - 1 \right), \]

\[ n_w(x) = \frac{2 \pi}{4 \pi} \int_0^\pi d(\cos \omega) \frac{e^{-\gamma p E \cos(\omega) + \beta g p_0^2}}{\gamma p E \beta} \]

\[ = \sinh \left( \frac{\gamma p_0 E \beta}{\gamma p_0 E \beta} \right). \]