Correction: Testing and validating electroanalytical simulations

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Two brackets were misplaced in the Butler–Volmer equation [eqn (4)], which is correctly given by:

\[ j = k^0_{A,B} \exp \left( \frac{-aF(E - E^\theta)}{RT} \right) c_A(x = 0) - k^0_{A,B} \exp \left( \frac{+\beta F(E - E^\theta)}{RT} \right) c_B(x = 0) \] (4)

In eqn (16), we provide an expression for the half-wave potential found in a voltammogram recorded for an \( n \)-electron transfer under Nernstian conditions and an \( m : q \) stoichiometry at a microdisk electrode. The expression for the parameter \( \gamma \) should be:

\[ \gamma = \frac{D_A}{D_B} \] (16)

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.