

Erratum

A new type of ionophore for ion selective field-effect transistors.

Thierry Thami, Jacques Simon, Nicole Jaffrezic, André Maillard, Serge Spirkovitch. *Bull Soc Chim Fr* (1996) 133, 759-764

Page 762, line 18. The equation should read :

$$K = \frac{(LM^+)_{\text{surf}}}{(L)_{\text{surf}}(M^+)} \\ -\log (M^+) = \log K + \frac{1}{\ln 10} \left[\ln \left[\frac{qN_{\text{TOT}}}{C_{\text{dl}}\Psi_o} - 1 \right] - \frac{q\Psi_o}{kT} \right]$$

Calculations carried out after publication indicate that the first curve corresponding to $N_{\text{TOT}} = 10^{12}$ sites/cm² of figure 7 is not correct. The figure must be as shown below. This does not change our concluding remarks.

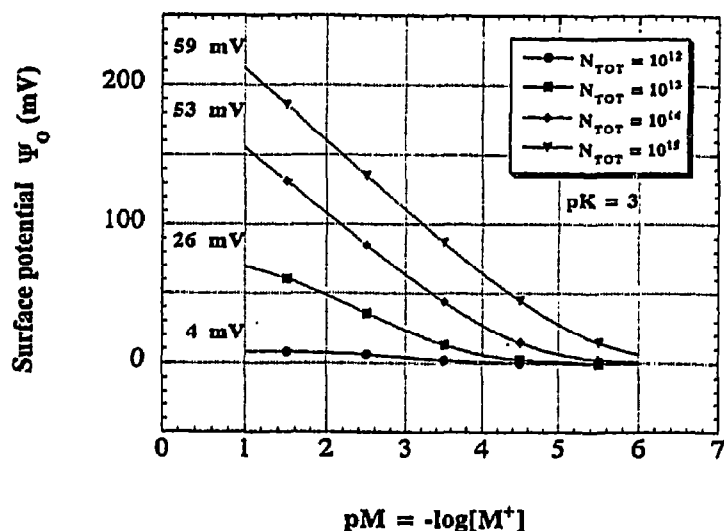


Fig 7. Surface potential (ψ_o) as a function of the logarithm of the concentration of cations (pM) for different values of the density (number per cm²) of binding sites N_{TOT} . The association constant K is taken to be 10^3 .