

Figure 1.

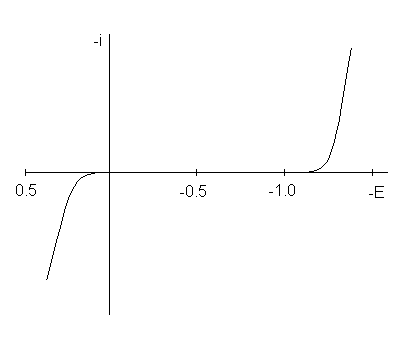


Figure 2.



Figure 3.



Figure 4.



Figure 5.



Figure 6.

Figure 1. Structural formula of adenine.

Figure 2. Polarization curve of the mercury electrode in 0,1 mol L-1 HNO3.

Figure 3. The differential capacity-potential curves at Hg/acetic buffer pH 3 (A) pH 4 (B) for various adenine concentrations as in figure legend.

Figure 4. Correlation between the surface charge density on mercury and the potential of the electrode for an acetate buffer at pH 3 (A) and pH 4 (B) in the function of adenine concentration.

Figure 5. Relative surface excess of adenine5 as a function of the potential and adenine concentration in the bulk, in the acetic buffers pH 3 (A) and pH 4(B).

Figure 6. Linear test of the Frumkin isotherm in the system acetic buffer pH 3 (A) and pH 4 (B) + adenine for different electrode potentials.