

THE MODELING OF THE ADSORPTION PHENOMENA ON THE COPPER OXIDE (II)

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Influence of concentration of ions of copper (2+) on adsorption of ions of copper (2+) on oxide copper (II) in ацетатных buffer solutions in a range pH from 5 up to 8 is experimentally investigated. Constants of the acid-base equilibrium on border oxide copper – electrolyte by a method separate shot are determined. Adsorptive the phenomena are described from positions of the acid-base properties oxide copper (II). It is supposed, that a surface-active particle is ion CuOH^+ which is built in a crystal lattice oxide and constants of equilibrium depends on potential φ^0 .