
Abstract

In this paper, a theor. treatment of additive cyclic square wave voltammetry is given for adsorptive-complex irreversible system (controlled by the rate of complexing reaction). The various relations of convolute and deriv. peak currents to related parameters is investigated systematically. The peak potential equation is also given. Expts. with Zn(II)-Zicon complex were carried out to verify the theory. The results agree with the theor. conclusions.