EQVUATION OF ELECTROLYTIC DISSOCIATION OF AIONITE IN A MIXED BION1C FORM

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There is an unstractured three-parameter model of a noncompletely dissociating ionite in a mixed bionic form, based on exact thermodynamical analysis of equilibrium chemical composition of its phase under the conditions of gegenion formation with ionite-fixed ionic pairs of different stability. On the assumption of inspected conceptions, a formula for ionic dissociation in a mixed bionic form was derived, which generalizes the Oswald's formula for dissociation of binary electrolytes. The dependance was determined in accordance with gegenion composition of stability "constants", formed with ionite-fixed ionic pairs, the dissociation level and ionic selectivity ratio in a mixed bionic form from fractional conversion of its final form, and also, interaction between basic brutto-symptomatic functions of ionic exchange on noncompletely dissociating ionits. Based on obtained results, a quantative substantiation was given of the phenomenon for a noncompletely dissociating ionite's non-isoselectivity with a transformation capacity of its selectivity while passing from the less dissociated ionic form into the more dissociated one (and vice versa)-even during the perfect single-charged ionites' exchange.