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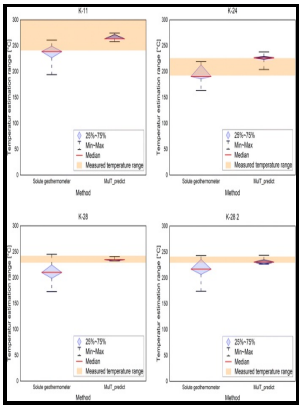

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Electrolyte Solutions by Robinson R a Stokes R H

It is the quantity - AC 89 which appears as electrical work, Edq, nF when an infinitesimal quantity of electricity passes through the circuit under reversible conditions. It is perhaps less obvious that the presence of any solute should alter the character of water, yet there is good reason to suppose that this is the case.

Electrolyte Solutions: Second Revised Edition

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ELECTROLYTE SOLUTIONS ROBINSON STOKES

From the solubility data, it is possible to compute the entropy lost in the process ofsolution of a gas in a liquid. Their work leads to conclusions of great value in interpreting the nature of water. The obvious way is to measure from some arbitrary plane fixed with respect to the apparatus

containing the diffusing system, and, indeed, when one is dealing with liquids it is difficult to see how any other experimental means of fixing the reference-plane could be found.

Solutions of Electrolytes

Instead of the twelve nearest neighbours characteristic of close packing, the x-ray data show that the average number of nearest neighboun ranges N 3 1 PROPERTIES OF IONIZING SOLVENTS from 4. Frank and Evans support their argument for this structure-breaking effect by a number of other considerations, notably of viscosity and heat capacity data. There is still no substitute for measured fact.

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