2. Transport numbers properly calculated from observations of the motion of the meniscus must be identically the same as those obtained by the analytical method; for the meniscus mothod is but a modification of the method of Hittorf in which the amounts of the various constituents of the solution transported are determined by volumo measurements instead of by quantitative chemical analysis.

3. The problem of the stability of the boundary between two electrolytes can not be solved in general without special assumptions as to the constitution of the electrolytes, such as are afforded by Arrhenius' theory of electrolytic dissociation and his theory of isohydric solutions.

The University of Toronto, September 1908.