

Die Methoden zur Herstellung Kolloider Lösungen Anorganischen Stoffe. By DR. THE. SVEDBERG. Published by Theodor Steinkopff, Dresden. 500 pp. 16 Marks, unbound.

This extensive work is confined to the methods of preparation and is not a general treatise on colloidal solutions. All known methods of inorganic colloid preparation are thoroughly and systematically treated. They are divided into condensation and dispersion methods. The former are again divided into reduction, oxidation, hydrolysis and other condensation methods. The latter are divided into mechanical-chemical and electrical dispersion methods. Each of these subdivisions is taken up separately and the descriptions are preceded by very complete literature references. Under the electrical dispersion method is given a well illustrated description of the author's improvement of Bredig's method. An oscillatory discharge with large electrical capacity produces the colloidal metal much more rapidly than does the application of the simple direct current, as described by Bredig. The book is a very complete treatment of the methods of preparation of inorganic colloids, and suggests the need of a similar separate treatise on organic colloids and one on properties and characteristics of colloids.

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