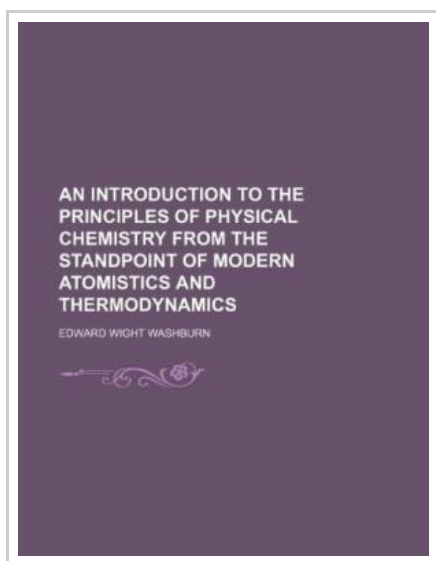




An Introduction to the Principles of Physical Chemistry from the Standpoint of Modern Atomistics and Thermodynamics (Paperback)

By Edward Wight Washburn

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1915 Excerpt: .is known as Faraday s Law of Electrolysis and was discovered by Michael Faraday in 1833. The proportionality constant, F , in equation (23) is known as one faraday or one equivalent of electricity and is evidently the amount of electricity required to produce one equivalent of chemical change. The quantities, e and F (equation 22), evidently bear the same relation to each other that the weight of an atom does to the atomic weight of the element (I, 7). Michael Faraday (1791-1867). The son of a blacksmith in Surrey, England. Served as laboratory assistant to Sir Humphrey Davy and later became Professor of Chemistry at the Royal Institution, London. He discovered benzene in 1825 and made a large number of important discoveries in electricity and magnetism. The experiments upon which he based his law of electrolysis are an interesting illustration of the keen insight which led...



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