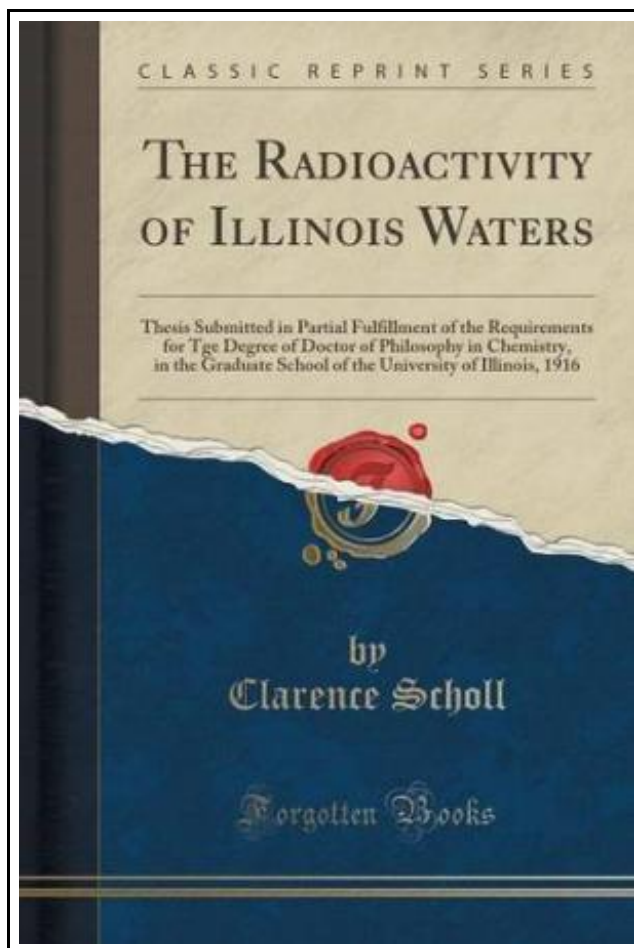


The Radioactivity of Illinois Waters: Thesis Submitted in Partial Fulfillment of the Requirements for Tge Degree of Doctor of Philosophy in Chemistry, in the Graduate School of the University of Illinois, 1916 (Classic



Filesize: 2.89 MB

Reviews

This publication will be worth purchasing. It really is writter in simple terms instead of difficult to understand. Its been designed in an exceptionally simple way and is particularly only right after i finished reading this ebook in which basically modified me, alter the way i believe.
(Prof. Loyce Runolfsson Jr.)

THE RADIOACTIVITY OF ILLINOIS WATERS: THESIS SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR TGE DEGREE OF DOCTOR OF PHILOSOPHY IN CHEMISTRY, IN THE GRADUATE SCHOOL OF THE UNIVERSITY OF ILLINOIS, 1916 (CLASSIC



DOWNLOAD PDF

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from The Radioactivity of Illinois Waters: Thesis Submitted in Partial Fulfillment of the Requirements for Tge Degree of Doctor of Philosophy in Chemistry, in the Graduate School of the University of Illinois, 1916 During his visit to the United States in 1902, J. J. Thomson reported that the research men of Cavendish laboratory of London had separated a very active gas from a deep well water. At Professor Thomson s suggestion Bumstead and Wheeler investigated the waters of New Milford and New Haven, Connecticut, and found that these two waters contained gases whose activity was six to eight times the normal air leak of an electroscope. Similar research made by other investigators upon European waters, showed that the active gases occurred universally but varied in quantity in different localities. As there was no standard of activity at that time no quantitative measurements were made; the period of decay of the active material was found to correspond in most cases to the decay period of radium emanation. Boltwood in 1904, and Boltwood and Rutherford in 1906, investigated the proportion of radium and uranium in radioactive minerals and found the ratio of radium to uranium to be constant, 3.4×10^{-7} grams of radium per gram of uranium. Lind and Whittemore confirmed this ratio in 1915. As the amount of radium emanation in equilibrium with radium is constant, the amount of radium emanation is, therefore, proportional to the amount of uranium. Boltwood suggested that the quantity of radium emanation set free when a known weight of a natural uranium mineral is dissolved in a suitable reagent, be taken as a standard of radioactivity. In 1905 he used this...



Read The Radioactivity of Illinois Waters: Thesis Submitted in Partial Fulfillment of the Requirements for Tge Degree of Doctor of Philosophy in Chemistry, in the Graduate School of the University of Illinois, 1916 (Classic Online



Download PDF The Radioactivity of Illinois Waters: Thesis Submitted in Partial Fulfillment of the Requirements for Tge Degree of Doctor of Philosophy in Chemistry, in the Graduate School of the University of Illinois, 1916 (Classic

Other PDFs



The Country of the Pointed Firs and Other Stories (Hardscrabble Books-Fiction of New England)

New Hampshire. PAPERBACK. Book Condition: New. 0874518261 12+ Year Old paperback book-Never Read-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Copy- I ship FAST...

[Save Book »](#)



Bully, the Bullied, and the Not-So Innocent Bystander: From Preschool to High School and Beyond: Breaking the Cycle of Violence and Creating More Deeply Caring Communities

HarperCollins Publishers Inc, United States, 2016. Paperback. Book Condition: New. Reprint. 203 x 135 mm. Language: English . Brand New Book. An international bestseller, Barbara Coloroso s groundbreaking and trusted guide on bullying-including cyberbullying-arms parents...

[Save Book »](#)



History of the Town of Sutton Massachusetts from 1704 to 1876

Createspace, United States, 2015. Paperback. Book Condition: New. annotated edition. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.This version of the History of the Town of Sutton Massachusetts...

[Save Book »](#)



Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel s System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers

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...

[Save Book »](#)



Genuine] teachers in self-cultivation Books --- the pursue the education of Wutuobangbao into in J57(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2012-05-01 Pages: 212 Publisher: Jilin Publishing Title: teachers' self-cultivation Books ---...

[Save Book »](#)