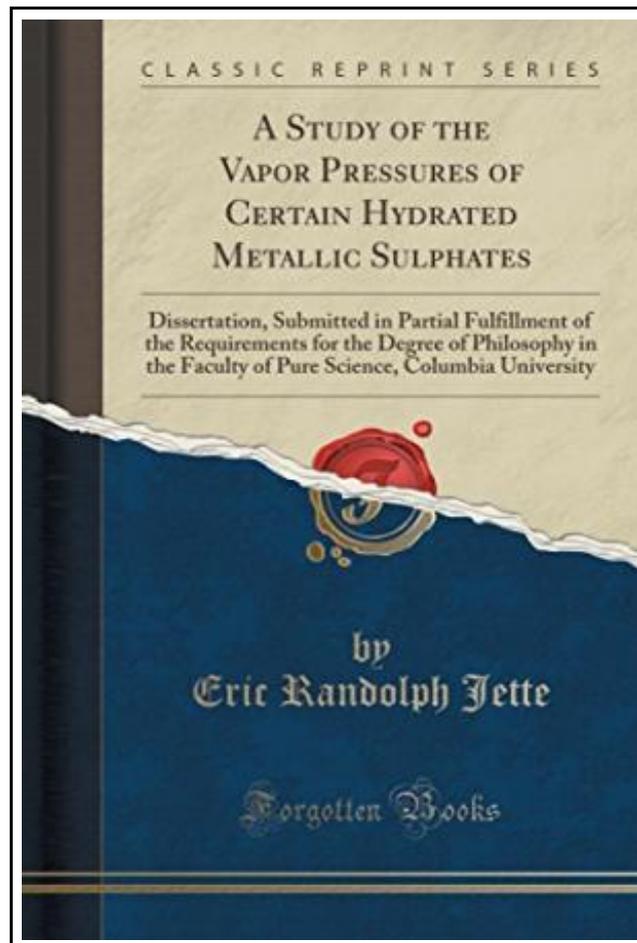


**A Study of the Vapor Pressures of Certain Hydrated
Metallic Sulphates: Dissertation, Submitted in Partial
Fulfillment of the Requirements for the Degree of
Philosophy in the Faculty of Pure Science, Columbia
University (Classic**



Filesize: 5.64 MB

Reviews

This ebook is wonderful. Of course, it really is perform, nevertheless an interesting and amazing literature. Its been printed in an extremely straightforward way and it is simply after i finished reading this ebook where in fact changed me, modify the way i believe.

(Prof. Maxwell Stracke)

A STUDY OF THE VAPOR PRESSURES OF CERTAIN HYDRATED METALLIC SULPHATES: DISSERTATION, SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF PHILOSOPHY IN THE FACULTY OF PURE SCIENCE, COLUMBIA UNIVERSITY (CLASSIC

DOWNLOAD



To download **A Study of the Vapor Pressures of Certain Hydrated Metallic Sulphates: Dissertation, Submitted in Partial Fulfillment of the Requirements for the Degree of Philosophy in the Faculty of Pure Science, Columbia University (Classic** eBook, make sure you refer to the button beneath and download the file or have access to other information which are relevant to **A STUDY OF THE VAPOR PRESSURES OF CERTAIN HYDRATED METALLIC SULPHATES: DISSERTATION, SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF PHILOSOPHY IN THE FACULTY OF PURE SCIENCE, COLUMBIA UNIVERSITY (CLASSIC** book.

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from **A Study of the Vapor Pressures of Certain Hydrated Metallic Sulphates: Dissertation, Submitted in Partial Fulfillment of the Requirements for the Degree of Philosophy in the Faculty of Pure Science, Columbia University**

1. What was attempted. An attempt was made to measure the vapor pressure of certain hydrated salts at several points over a considerable range of temperature in order to study the phenomenon as a function of the temperature.
2. What were the methods?
 - (a) Special emphasis was placed upon the construction of a thermostat to operate at the higher temperatures.
 - (b) Improvements in the technique in the use of the tensimeter were employed.
 - (c) Equilibrium was approached from higher and lower pressures.
3. In how far were the attempts successful? Considerable data has been obtained on six hydrates, and on the saturated solution of some of them above the transition point. The experimental errors usually encountered in determining vapor pressures have been practically eliminated.
4. What contributions actually new to the science of chemistry have been made?
 - (a) The collection of complete vapor pressure data for several hydrates and saturated solutions has been accomplished.
 - (b) Certain new transition points have been located by this method: $\text{CoSO}_4 \cdot 7\text{H}_2\text{O} \cdot 6\text{H}_2\text{O}$ at 45.1 C $\text{CdSO}_4 \cdot \frac{8}{3}\text{H}_2\text{O} \cdot 1\text{H}_2\text{O}$ at 41.5 C. The transition point of $\text{MgSO}_4 \cdot 7\text{H}_2\text{O} \cdot 6\text{H}_2\text{O}$ at 48.4 C previously found by Van der Heide between 48 and 48.5 has been verified.
 - (c) It has been shown that the vapor pressures of the hydrates and saturated solutions investigated may be expressed as a continuous function of $\log p$ and $1/l$, in the same manner as the vapor pressure of water and of solutions...



Read A Study of the Vapor Pressures of Certain Hydrated Metallic Sulphates: Dissertation, Submitted in Partial Fulfillment of the Requirements for the Degree of Philosophy in the Faculty of Pure Science, Columbia University (Classic Online



Download PDF A Study of the Vapor Pressures of Certain Hydrated Metallic Sulphates: Dissertation, Submitted in Partial Fulfillment of the Requirements for the Degree of Philosophy in the Faculty of Pure Science, Columbia University (Classic

Related PDFs



[PDF] The Clever Detective Boxed Set (a Fairy Tale Romance): Stories 1, 2 and 3 (Paperback)

Access the link listed below to download "The Clever Detective Boxed Set (a Fairy Tale Romance): Stories 1, 2 and 3 (Paperback)" document.

[Save PDF »](#)



[PDF] How to Make a Free Website for Kids (Paperback)

Access the link listed below to download "How to Make a Free Website for Kids (Paperback)" document.

[Save PDF »](#)



[PDF] Learn em Good: Improve Your Child s Math Skills: Simple and Effective Ways to Become Your Child s Free Tutor Without Opening a Textbook (Paperback)

Access the link listed below to download "Learn em Good: Improve Your Child s Math Skills: Simple and Effective Ways to Become Your Child s Free Tutor Without Opening a Textbook (Paperback)" document.

[Save PDF »](#)



[PDF] The Voyagers Series - Europe: A New Multi-Media Adventure Book 1 (Paperback)

Access the link listed below to download "The Voyagers Series - Europe: A New Multi-Media Adventure Book 1 (Paperback)" document.

[Save PDF »](#)



[PDF] The Voyagers Series - Africa: Book 2 (Paperback)

Access the link listed below to download "The Voyagers Series - Africa: Book 2 (Paperback)" document.

[Save PDF »](#)



[PDF] Patent Ease: How to Write You Own Patent Application (Paperback)

Access the link listed below to download "Patent Ease: How to Write You Own Patent Application (Paperback)" document.

[Save PDF »](#)