



## Engineering and Science Series Volume 1-25 (Paperback)

By Rensselaer Polytechnic Institute

Not Avail, 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. 1911 Excerpt: . phase diagram of the iron-cobalt system has been determined by Ruer and Kaneko<sup>25</sup> and Masumoto<sup>21</sup> and indicates that, at room temperature, the system consists of an unbroken series of solid solutions. In this study sections of typical alloys over the entire range were prepared and photographed. Some photomicrographs are shown in Figure 18. All specimens have a solid solution structure. There is no evidence of a compound in the middle of the series where anomalous values of electrical resistance were obtained. 18. X-ray Crystal Structure and Density. The x-ray crystal structure was determined with a General Electric diffraction apparatus. Three typical x-ray patterns are shown in Figure 19. The type of structure and parameter are given for each alloy of the series in Table X. The addition of cobalt to iron has no measurable effect upon the body-centered lattice of a iron until one-third...



**READ ONLINE**  
[ 2.41 MB ]

### Reviews

*This is the best pdf i have got go through until now. It is loaded with wisdom and knowledge I discovered this publication from my i and dad encouraged this book to find out.*

-- **Aryanna Sauer**

*The publication is great and fantastic. I am quite late in start reading this one, but better then never. I discovered this pdf from my dad and i suggested this ebook to discover.*

-- **Linnie Kling**