



## Proceedings of the Physical Society Volume 20

By Institute Of Physics and Society

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. 1907 Excerpt: .This spectrum has been photographed with a large concave grating and the wave-lengths determined certainly to within a tenth of an Angstrom unit. The strong lines at the following points of the spectrum form a series analogous to the series obtained with the cadmium 480 series.-X differences. 5119-34 TO-fifl A V 6079-78. 6040-05 5001-57 4902-85. TM 4924-32. This we have called the first series. The wave-length differences are, in this case, much more nearly constant, and decrease progressively. The lines of this series are especially conspicuous in the magnetic rotation spectrum (PL I., fig. 1, c), hence I have mentioned it first; they appear in the fluorescence excited by the lead line 5001, as will be seen by reference to the chart. If now we try to fit one of the magnetic series to the cadmium 480 fluorescence series, we find that the third magnetic series...



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