

MEMOIRS
OF THE
COLLEGE OF SCIENCE

KYOTO IMPERIAL UNIVERSITY

VOL. IV, No. 3

FEBRUARY 1920

KYOTO



ERRATA.

Page 77, line 11 from bottom, for "vicibity" read "vicinity".

" 78, " I " , " , " $\lambda_1 \dots$ " , " $\lambda_1, \lambda_2, \dots$ " .

" 83, " 8 " , " , " $m\mu^i$ " , " $m\mu^3$ " .

" 85, " 8 " top , " $(\dots)_o$ " , " $\left(\frac{\partial^{p+q} f}{\partial x^p \partial y^q}\right)_o$ " .

" " " 10 " bottom, " , " , " . " .

" " " I " , " , " x^{m-i} " , " x^{m-i} " .

Vol. IV, No. 3, Published February 26th, 1920.

Price - - - Yen 1.00

These Memoirs are on sale at

MARUZEN COMPANY, LTD.

TOKYO, OSAKA, KYOTO, FUKUOKA & SENDAI.

大正九年二月廿三日印刷

大正九年二月廿六日發行

編纂兼發行者 京都帝國大學理學部

印 刷 者 大久保秀次郎

東京府北豐島郡巢鴨町三丁目十番地

印 刷 所 株式 東京築地活版製造所

東京市京橋區築地二丁目十七番地

賣 挪 所 丸 善 株 式 會 社

東京、大阪、京都、福岡、仙臺

CONTENTS.

On the Beckmann Rearrangement. IX.	
By Mitsuru Kuhara and Kozo Kashima	69
On the Solutions of Partial Differential Equations of the First Order at the Singular Points. II.	
By Toshizo Matsumoto	77
Brush and Glow Discharges of Electricity and the Formation of Spark.	
By Usaburo Yoshida and Hideki Hirata	89
Hydrates of Aluminium Nitrate.	
By Kenzo Inamura	105
Notes on the Normalities of Standard Solutions.	
By Yukichi Osaka	118
