

MEMOIRS
OF THE
COLLEGE OF SCIENCE

KYOTO IMPERIAL UNIVERSITY

SERIES A

VOL. XI, No. 5

SEPTEMBER 1928

KYOTO

Vol. XI, No. 5, Published September 25, 1928

Price - - - Yen 2.00

These Memoirs are on sale at

MARUZEN COMPANY, LTD.

TOKYO, OSAKA, KYOTO, NAGOYA, YOKOHAMA, FUKUOKA
& SENDAI

昭和三年九月二十日印刷

昭和三年九月廿五日發行

編纂兼發行者 京都帝國大學理學部

印刷者 須磨勘兵衛

京都市下京區北小路通新町西入

印刷所 内外出版印刷株式會社

京都市下京區西洞院七條南

賣捌所 丸善株式會社

東京、大阪、京都、名古屋、橫濱、福岡、仙臺

CONTENTS

Some Notes on Solar Research	
By Issei Yamamoto.....	303
On some Functions defined by certain Infinite Products	
By Yoshikatsu Watanabe.....	311
"The Reversal-like Phenomena" of the Secondary and the Tertiary Discharge-Figures impressed on Photographic Plates	
By Tatsumi Terada.....	355
The Orientation of Single-Crystals of Zinc	
By Kenzo Tanaka.....	361
On Paradoxes and Definitions	
By Toshizô Matsumoto.....	367
The Arrangement of the Micro-Crystals in Compressed Magnesium and Aluminium Plates	
By Shogo Tsuboi.....	375
The Electrolytic Oxidation of Alcohols, III. Electrolytic Oxidation of Benzylalcohol	
By Shunzo Koidzumi.....	383
The Electrolytic Oxidation of Alcohols, IV. Electrolytic Oxidation of Propylalcohol in Alkaline Solutions	
By Shunzo Koidzumi.....	391
An Examination of the Micro-Crystals of Calcium Carbonate in Molluscan Shells by means of X-Rays, Part II	
By Jinzo Tsutsumi.....	401
On the Electrolytic Reduction of Aldehydes, Part III. Ortho- and Para-Oxybenzaldehydes	
By Goro Shima.....	407
On the Electrolytic Reduction of Aldehydes, Part IV. Vanillin and Piperonal	
By Goro Shima.....	419
On the Arrangements of the Micro-Crystals in Bismuth and Antimony deposited by Electrolysis	
By Hideki Hirata.....	429
