VOLUME XII

NUMBER 1

THE REVIEW OF PHYSICAL CHEMISTRY OF JAPAN

WITH

COMPLETE ABSTRACTS OF THE PHYSICO-CHEMICAL LITERATURE IN JAPAN

APRIL. 1938

BOARD OF THE PHYSICO-CHEMICAL SOCIETY OF JAPAN

President

Y. OSAKA, Member of the Imperial Academy

Adviser

- J. SAKURAI, President of the Imperial Academy
- M. UEDA, Vice-admiral of the Imperial Japanese Navy
- E. FUJII

Chief Director

K. HAMADA, President of the Kyoto Imperial University

Director

- J. ADACHI, Major-general of the Imperial Japanese Army
- B. ARAKATSU, Professor of the Kyoto Imperial University
- K. HANASHIMA, Rear-admiral of the Imperial Japanese Navy
- S. HATANO, Managing Director of Japan Society for the Promotion of Scientific Research
- S. HORIBA, Professor of the Kyoto Imperial University
- T. HORIUTI, Professor of the Hokkaido Imperial University
- T. ITIKAWA, Professor of the Hiroshima Bunrika University
- S. IIMORI, Member of Research Staff of the Institute of Physical and Chemical Research
- W. JONO, Professor of the Ryojun College of Engineering
- M. KATAYAMA, Professor of the Tokyo Imperial University
- S. KIKUCHI, Professor of the Osaka Imperial University
- M. KIMURA, Professor of the Kyoto Imperial University
- G. KITA, Head of the Institute for Chemical Research of the Kyoto Imperial University
- M. MATSUI, Professor Emeritus of the Kyoto Imperial University
- K. MATSUNO, Professor of the Taihoku Imperial University
- Y. MATSUOKA, Rear-admiral of the Imperial Japanese Navy
- I. NITTA, Professor of the Osaka Imperial University
- J. SAMESHIMA, Professor of the Tokyo Imperial University
- N. SASAKI, Professor of the Kyoto Imperial University
- J. SHIDEI, Professor of the Tokyo Bunrika University
- S. TAMARU, Professor of the Tokyo University of Engineering
- T. TITANI, Professor of the Osaka Imperial University
- H. TOMINAGA, Professor of the Tohoku Imperial University

Treasurer

- T. NAKAMURA, Secretary of the Kyoto Imperial University
- I. IRIE, Secretary of the Kyoto Imperial University
- M. KUBOKAWA, Assistant Professor of the Kyoto Imperial University

Secretary

K. MORIYA, Laboratory Assistant of the Kyoto Imperial University

We shall be obliged to assist in the exchange of correspondence between our readers and the authors of the papers abstracted in this journal.

Secretaries.

THE REVIEW OF PHYSICAL CHEMISTRY OF JAPAN

Price \$ 1.00 for yearly subscription (including postage)

The Agent for the Sale

MARUZEN Co. Ltd., TOKYO,

JAPAN

昭和13年4月25日印刷	物理化學の進步數文號	定價 80號 (22科 6 线)
昭和13年4月30日發行	第12卷 第 1 概 《年 3 日 刊 行》	購讀會員會愛1年分2四(前金,送料共)
氯磺金数 行者	類 場 信 吉 京都泰領大學物理化學研究家	發行所 日本物理化學研究會 購費4込 振警・京都6047番
即載者	脳 井 松 之 助 東都市中東區和馬哥三條府	發養所 岩 波 書 店 東京市神岡ニン県ニノミ
印刷度	作式 似 支 堂 資都市中京福明基番三條権	九等株式會社京都支店 京都市中県巡三県歌 屋 切

[◇] 本誌に関する批評,注意,要求等は京都帝國大學物理化學研究室内,您川眞男宛に願ひます。

EDITOR: SHINKICHI HORIBA

Rev. Phys. Chem. Japan, XII (1938).

Contents

Originals

Nickel	
Rempei Gotô: On the Positive Ion Emission from Heated Nickel Wi	ire
in Oxygen and Hydrogen.	•••
Talahan Vasalt. Tilamal Asslut. (12	
Takekazu Kôsaki: Thermal Analysis of Enzyme Reactions,	
Taizô Kume: On the Saturation of Aqueous Solutions of Non-Volati	ile
Substances	•••

Published three times a year (April, August and December) by THE PHYSICO-CHEMICAL SOCIETY OF JAPAN

in the Department of Physical Chemistry, Kyoto Imperial University, Japan. Dear Sir,

One year has passed since the English edition of "The Review of Physical Chemistry of Japan" was sent out to universities and laboratories in the world with the support of various academic circles in Japan. We flatter ourselves that this journal has taken a leading part in introducing the most recent developments of our chemical world to you through complete abstracts of Japanese physico-chemical literature.

We thank you for your kind support and encouragement in the publication of the new edition and again solicit your further support in our future activities,

Yours faithfully,

Shinkichi Horiba
Editor.

April, 1938,

Subscription Rate: Price \$1.00 per year (including postage)

The Agent for the Sale

MARUZEN CO. LTD., TOKYO, JAPAN.

Please send me "The Review of Physical Chemistry of
Japan" for which I enclose postal money order for \$1.00.
Name
Address