The Review of Physical Chemistry of Japan

Vol. 34, 1964

CONTENTS

No. 1

Jiro Osugi, Kiyoshi Shimizu, Kazuo Inoue and Kazuo Yasunami: A Compact

Anvil Cubic High Pressure Apparatus	1
Jiro Osugi and Tetuo Mizukami: The Reaction of Methyl Chloride with	
Carbon Monoxide	7
Jiro Osugi and Hironobu Kubota: Studies on Oxidation Reaction of Propylene	
in the Presence of Metallic Silver 1	9
Kazuhiro Maruyama and Ryozo Goto: Electron Spin Resonance Studies of Radical-anions of Nitrobenzophenones	
Ryozo Goto and Yo Miyagi: Syntheses and Structures of Acetylformoin and	
Related Compounds	. 5
Notice Compounds	
No. 2	
Jiro Osugi, Kiyoshi Shimizu and Hideto Takizawa: Effect of Pressure on the	
Dissociation of Electrolytic Solution. II. Effect of Pressure on the Migration	
of Hexammine Cobalt (III) Ion in Water 5	5
Jiro Osugi, Kimihiko Hara, Nishio Hirai and Junichi Hikasa: Crystallization of	
Polyethylene under High Pressure 5	9
Jiro Osugi and Muneo Sasaki: Kinetic Studies on Free Radical Reactions. II. The	
Photochemical Reaction between DPPH and Methylmethacrylate	15
Jayanta Benerjee and Kalyan K. Sengupta: Studies of Reaction Kinetics of Mono-	•
hydric Alcohols by Acid Permanganate	
	1
Jiro Osugi and Tetsuo Hitouji: The Effect of Pressure on the Rate of the Benzidine	
Rearrangement8	8
Jiro Osugi, Kiyoshi Shimizu and Akifumi Onodera: Liquid-Solid Transition at	
High Pressure. — Benzene, Monochlorobenzene and Toluene9	8

Published by

THE PHYSICO-CHEMICAL SOCIETY OF JAPAN

College of Science, Kyoto University, Kyoto, Japan