

Title	Contents of vol. 39
Author(s)	
Citation	The Review of Physical Chemistry of Japan (1970), 39(2)
Issue Date	1970-04-10
URL	<a href="http://hdl.handle.net/2433/46933">http://hdl.handle.net/2433/46933</a>
Right	
Type	Others
Textversion	publisher

# The Review of Physical Chemistry of Japan

Vol. 39, 1969

## CONTENTS

No. 1

<b>Yoichi Kitamura:</b> Relation between the Pressure Effect and the Structure of Solvent Molecule. Pressure Effects on the Various Alcoholic Solutions of Cobaltous Chloride (II) and Cobaltous Bromide (II) .....	1
<b>Muneo Sasaki:</b> Kinetic Studies on Fast Reactions in Solution VI, The Kinetic Studies on the Reaction between Tetrahalogeno- <i>p</i> -benzoquinones and Alkali Iodides.....	27
<b>Muneo Sasaki:</b> Kinetic Studies on Fast Reactions in Solution VII, The Kinetic Studies on the Reaction of <i>p</i> -Benzoquinone and Its Derivatives with Alkoxy Ions .....	40
<b>Jiro Osugi, Muneo Sasaki and Ichiro Onishi:</b> The Effect of Pressure on the Rate of the Benzidine Rearrangement III, 2 2'-Dibromohydrazobenzene .....	57

No. 2

<b>Akifumi Onodera:</b> High Pressure Transition in Cadmium Selenide .....	65
<b>Akifumi Onodera:</b> High Pressure Transition in Cadmium Telluride.....	78
<b>Masao Murano:</b> High Resolution NMR Spectra of Polyacrylonitrile and Its Two-unit and Three-unit Model Compounds.....	93
<b>Tokio Nakamura, Kiyoshi Shimizu and Jiro Osugi:</b> Chemical Reaction at High Temperature and High Pressure VII, Solid State Reaction of Silicon with Graphite to Form Silicon Carbide and Its Stability .....	104
<b>H. Tracy Hall:</b> High Pressure Syntheses Involving Rare Earths.....	110
<b>Kazuhiro Maruyama, Masaharu Yoshida, Iwao Tanimoto and Jiro Osugi:</b> The Structure of Metal Ketyls Derived from Xanthone Analogues I, On the Electronic Structure of Monomer Metal Ketyls.....	117
<b>Kazuhiro Maruyama, Masaharu Yoshida and Jiro Osugi:</b> The Structure of Metal Ketyls Derived from Xanthone Analogues II, On the Electronic Interaction in Ketyl Radicals .....	123

*Published by*

**THE PHYSICO-CHEMICAL SOCIETY OF JAPAN**

*Faculty of Science, Kyoto University, Kyoto, Japan*