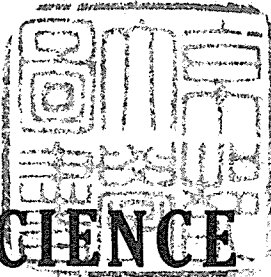


36.11.1

MEMOIRS  
OF THE  
COLLEGE OF SCIENCE

The seal of the University of Kyoto is a square emblem with a complex, symmetrical design. It features a central vertical axis with various geometric and floral motifs, including what appears to be a stylized 'K' or 'U' shape at the top and bottom, and intricate patterns in the middle. The seal is rendered in a high-contrast, black-and-white style.

UNIVERSITY OF KYOTO

SERIES A

---

VOL. XXIX, No. 3

September, 1961

---

KYOTO

## CONTENTS

<b>Temperature Dependence of Spin Lattice Relaxation Time of <math>\text{Cl}^{35}</math> in Pure Quadrupole Resonance.</b>	
By <i>Akira Hirai</i> .....	257
<b>Numerical Differential Cross Section of the (<math>p, \alpha</math>) Reactions on <math>\text{Al}^{27}</math>, <math>\text{Mn}^{55}</math> and <math>\text{Co}^{59}</math>.</b>	
By <i>Hiroshi Ogata, Hidehiko Itoh, Yoshiko Masuda, Kunio Takamatsu, Maumi Kawashima, Akira Masaike and Isao Kumabe</i> .....	267
<b>Hydrological Study of Atami Hot Springs.</b>	
By <i>Kōzō Yuhara</i> .....	283
<b>Drop Production by Bursting of Air Bubbles on the Sea Surface (III): Study by use of a Wind Flume.</b>	
By <i>Yoshiaki Toba</i> .....	313
<b>NMR Pulse Apparatus and its Application to the Investigation of Internal Motion of High Polymer (Poly-propylene).</b>	
By <i>Akira Hirai and Takao Kawai</i> .....	345
<b>Electron Density Measurement by Microwave Interferometer.</b>	
By <i>Shigetoshi Tanaka</i> .....	353
<b>Absorption at Electron Cyclotron Resonance in Slightly Ionized Gases (I).</b>	
By <i>Shigetoshi Tanaka</i> .....	361
<b>Absorption at Electron Cyclotron Resonance in Slightly Ionized Gases (II).</b>	
By <i>Shigetoshi Tanaka</i> .....	371
<b>Absorption at Electron Cyclotron Resonance in Slightly Ionized Gases (III).</b>	
By <i>Shigetoshi Tanaka</i> .....	381
<b>Microwave Conductivity of Bounded Plasma.</b>	
By <i>Shigetoshi Tanaka</i> .....	395

Printed by NIPPON INSATSU SHUPPAN

Fukushima, Osaka