

ISSN 0023-6071

**BULLETIN OF THE INSTITUTE
FOR CHEMICAL RESEARCH**

KYOTO UNIVERSITY

Vol. 65, No. 4

Physical Chemistry

Published bi-monthly by

**THE INSTITUTE FOR CHEMICAL RESEARCH
KYOTO UNIVERSITY
KYOTO, JAPAN**

November, 1987

(Bull. Inst. Chem. Res., Kyoto Univ.)

INSTITUTE FOR CHEMICAL RESEARCH
KYOTO UNIVERSITY

Director

Michio KURATA

Members of Council

Yoshichika BANDO	Kaoru FUJI	Tetsuya HANAI
Hiroshi INAGAKI	Makoto INOUE	Ken-ichi KATAYAMA
Ryozo KITAMARU	Michio KURATA	Masakazu MATSUI
Jun'ichi ODA	Shinzaburo OKA	Tatsuo OOI
Sumio SAKKA	Teruya SHINJO	Kenji SODA
Nobuyuki SUGITA	Mitsuru TAKANAMI	Hidekuni TAKEKOSHI
Tohru TAKENAKA	Natsu UYEDA	

Publication Committee

Kaoru FUJI	Minoru KANEHISA	Tadashi KOKUBO
Takeaki MIYAMOTO	Hidekuni TAKEKOSHI	Tohru TAKENAKA

Business Staff

Kageki KAGAWA	Yukio NISHIMURA	Heizo OKADA
---------------	-----------------	-------------

History of Publications

Term	Vol.	Title	Published
Jan., 1929- Dec., 1947	1-16	化学研究所講演集 (The Reports of the Institute for Chemical Research)	Indeterminately
April, 1933	—	10 Jahre Institut für chemische Forschung (化学研究所創立十周年記念号)	—
March, 1949- Dec., 1949	17-19	化研講演集 (The Reports of the Institute for Chemical Research)	Indeterminately
March, 1950- Sept., 1952	20-30	化学研究報告 (Bulletin of the Institute for Chemical Research)	Quarterly
Dec., 1951	—	The Commemoration Volume for the Silver Jubilee (化学研究所創立二十五周年記念号)	—
Jan., 1953 onwards	31 No. 1-	Bulletin of the Institute for Chemical Research (化学研究所報告)	Bi-monthly
No., 1966	44 No. 6	Special Issue on the Commemoration of the Fortieth Anniversary (化学研究所創立四十周年記念号)	—
Nov., 1976	54 No. 6	Special Issue on the Commemoration of the Fiftieth Anniversary (化学研究所創立五十周年記念号)	—

CONTENTS

Hiromasa Mazaki, Mikio Takano, Zenji Hiroi, Yoshichika Bando, Ryoji Kanno, Yasuo Takeda and Osamu Yamamoto: Superconducting Transition of $\text{La}_{1.9}\text{Sr}_{0.1}\text{CuO}_{4-\delta}$	147
Hiromasa Mazaki, Kazushi Kanoda, Toshiyuki Mizutani, Yoshinobu Hosoi, and Teruya Shinjo: Superconducting Transition of Thin V Films Sandwiched in between Amorphous Si Layers.....	159
Takeshi Mukoyama, and Shin Ito: Energy Shifts and Transition Probabilities of L_{γ} X Rays from Bismuth with Multiple N Vacancies	163
Toshihide Kamata, Junzo Umemura, and Tohru Takenaka: Infrared ATR Spectra of Stearic Acid LB Films: Intensity Enhancement by Au Evaporation	170
Toshihide Kamata, Junzo Umemura, and Tohru Takenaka: Intensity Enhancement in Infrared ATR Spectra of 1-Monolayer LB Films of Stearic Acid by Various Evaporated Metal Films	179

**Received from the Library of Institute for Chemical Research, Kyoto University
the following Publications(s)**

“Bulletin of Institute for Chemical Research, Kyoto University.”
Vol. 65, No. 4 (1987) copy/copies

Institution:

Address:

Date:

Signature:

Please return this form.

POST CARD

**LIBRARY
INSTITUTE FOR CHEMICAL RESEARCH
KYOTO UNIVERSITY**

**Uji, Kyoto-Fu
611 Japan**

〒611 京都府宇治市五ヶ庄
京都大学
化学研究所図書室 行

京都大学化学研究所報告 第65卷 第4号

昭和62年11月13日 印刷

【非売品】

昭和62年11月20日 発行

京都府宇治市五ヶ庄
京都大学化学研究所

編集兼発行人 倉 田 道 夫

〒602 広島市中区十日市町2丁目1-15

印刷所 大学印刷株式会社

電話 (082) (231) 4 2 3 1 (代表)

広島市中区十日市町2丁目

印刷者 増 田 達 夫