

ISSN 0023-6063

Memoirs of the
FACULTY OF ENGINEERING
KYOTO UNIVERSITY

VOLUME LII PART 1

JANUARY 1990

Published by
KYOTO UNIVERSITY
KYOTO, JAPAN

MEMOIRS OF THE FACULTY OF ENGINEERING
KYOTO UNIVERSITY

VOLUME LII

PART 1

JANUARY 1990

CONTENTS

Hiroaki MASUDA

- A New Simple Equation for Obtaining
The Strain Distribution of a Granular Bed* 1

Mitsuyoshi UEDA, Masaki HIKIDA, Haruyuki ATOMI and Atsuo TANAKA

- Isolation of the Gene Encoding Yeast Peroxisomal
Isocitrate Lyase by a Combination of the Plaque
Hybridization with Non-Radioactive Probes and the
Amplification of Phages in a Small Scale* 15

Tsuyoshi SUGANO

- Evaluation of Solid Electrode Array Effects in Computerized
Section Construction Procedure for Resistivity Interpretation* 25

HARINI, Mamoru HAMURA and Mitsuo KURACHI

- Effects of Ion Active Agents on the
Electrodeposition of Ni-Sn Alloys* 50

This memoirs is issued quarterly by the University to publish the original contributions to engineering science made or communicated by the members of the faculty. The faculty consists of following departments:

Dept. of Civil Engineering	Dept. of Precision Mechanics
Dept. of Mechanical Engineering	Dept. of Synthetic Chemistry
Dept. of Electrical Engineering	Dept. of Electrical Engineering, II
Dept. of Mineral Science and Technology	Dept. of Metal Science and Technology
Dept. of Metallurgy	Dept. of Transportation Engineering
Dept. of Industrial Chemistry	Dept. of Architectural Engineering
Dept. of Architecture	Dept. of Information Science
Dept. of Hydrocarbon Chemistry	Dept. of Engineering Science
Dept. of Chemical Engineering	Div. of Molecular Engineering
Dept. of Polymer Chemistry	Div. of Applied Systems Science
Dept. of Electronics	Ion Beam Engineering Experimental Laboratory
Dept. of Aeronautical Engineering	Research Laboratory for Control of Environmental Micropollutants
Dept. of Nuclear Engineering	Research Laboratory of Carbonaceous Resources Conversion Technology
Dept. of Environmental & Sanitary Engineering	Integrated Media Environment Experimental Laboratory
Dept. of Applied Mathematics and Physics	

All communications regarding the memoirs should be addressed to the dean of the faculty.

Vol. LII, Part 1

January 1990.

平成2年1月25日 印刷

平成2年1月30日 発行

編集兼発行者 京都大学工学部

印刷者 中 村 督 信

印刷所 明文舎印刷株式会社

京都市南区吉祥院池ノ内町10