ISSN 0023-6063

Memoirs of the FACULTY OF ENGINEERING KYOTO UNIVERSITY

VOLUME XLIV PART 2

APRIL 1982

Published by KYOTO UNIVERSITY KYOTO, JAPAN

MEMOIRS OF THE FACULTY OF ENGINEERING KYOTO UNIVERSITY

VOLUME XLIV

PART 2

APRIL 1982

CONTENTS

Yeong-Chan Kim, Masahiro Misumi and Jun Oishi	
The Enthalpy of Formation of Terbium Trifluoride	
by Fluorine Bomb Calorimetry	223
Satoshi Ichikawa	
Numerical Processing of The Two Dimensional Inverse Laplace	
Transform and Its Application to Equation of Heat Conduction	
	231
Teiichi Ando, Takashi Ishihara, and Yoshio Yanagi	
Reduction of 7–Methy1– and 7–Pheny1–7–halobicyclo–	
[4.1.0] heptanes with Tributyltin Hydride	
	249
Kohshi Okumura and Akira Kishima	
Digital Simulation of Hysteretic Loop by Preisach Diagram	
	257
Kiyoshi KANETA and Isao Kohzu	
Stress-Strain Relations and Plastic Fatigue Phenomenon	
of Welded Beam-To-Column Connections	
	266
Hiroyuki Kameda and Masanobu Shinozuka	
Simplified Formula for Axial Strains of Buried	
Pipes Induced by Propagating Seismic Waves	
	287
Yoshimichi HAGIWARA, Kenjiro Suzuki and Takashi Sato	
Studies on Thin Liquid Film of Annular-mist Two-phase	
Flow I. Wave Characteristics and Heat Transfer	
	309

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 Sanitary Engineering Dept. of Mechanical Engineering Dept. of Applied Mathematics and Physics Dept. of Electrical Engineering Dept. of Precision Mechanics Dept. of Mineral Science and Dept. of Synthetic Chemistry Technology Dept. of Electrical Engineering, II Dept. of Metallurgy Dept. of Metal Science and Technology Dept. of Industrial Chemistry Dept. of Transportation Engineering Dept. of Architectural Engineering Dept. of Architecture Dept. of Hydrocarbon Chemistry Dept. of Information Science Dept. of Chemical Engineering Dept. of Engineering Science Dept. of Polymer Chemistry Automation Research Laboratory Ion Beam Engineering Experimental Dept. of Electronics Dept. of Aeronautical Engineering Laboratory

Dept. of Nuclear Engineering

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

	Vol. XLVI, Part 2	April 1982.
	昭和57年6月25日 昭和57年6月30日	印刷 発行
	編集兼発行者 京都大	学工学部
	印刷者中村	督 信 解区吉祥院池ノ内町10
į		印刷株式会社 氰区吉祥院池/内町10