Memoirs of the FACULTY OF ENGINEERING KYOTO UNIVERSITY

VOLUME XXVI PART 1

JANUARY 1964

Published by KYOTO UNIVERSITY KYOTO, JAPAN

MEMOIRS OF THE FACULTY OF ENGINEERING KYOTO UNIVERSITY

VOLUME XXVI

PART 1

JANUARY 1964

CONTENTS

Kiyoshi Okada and Wataru Koyanagi: Studies on the Yield of	
Plastic Hinges in Concrete Beams	1
Itaru Міснічоsні, Kunihiko Uematsu and Tsuyoshi Nakajima: An	
Analytical Study of Heat Trasfer in Nucleate Boiling	16
Chiaki IHARA: The Meson-Nucleon Phenomena and the Many Body	
Problem	28
Yotaro Murakami, Osamu Kawano and Hideaki Tamura: Aging	
Characteristics and Effects of Plastic Deformation on Precipitation	
in Al-4% Cu and Al-20% Ag Alloys with or without Trace	
Elements,	34

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 Mechanical Engineering
Dept. of Electrical Engineering
Dept. of Mining Engineering
Dept. of Metallurgy
Dept. of Industrial Chemistry
Dept. of Architecture
Dept. of Fuel Chemistry
Dept. of Chemical Engineering
Dept. of Metallurgy
Dept. of Fuel Chemistry
Dept. of Chemical Engineering
Dept. of Mechanical Engineering, II
Dept. of Transportation Engineering
Automation Research Laboratory
Innosphere Research Laboratory

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

Vol. XXVI, Part 1

January 1964.

昭和三十九年 三 月 五 日 印刷 昭和三十九年 三 月 十六 日 発行

編集兼発行者 京都大学工学部

印刷者 小 林 積 造 大阪市福島区亀甲町ニノ六ニ

印刷所 日本印刷出版株式会社 大阪市福島区亀甲町ニノ六二