

*Memoirs of the*  
**FACULTY OF ENGINEERING**  
**KYOTO UNIVERSITY**

VOLUME XXIV PART 2

APRIL 1962

Published by  
KYOTO UNIVERSITY  
KYOTO, JAPAN

MEMOIRS OF THE FACULTY OF ENGINEERING  
KYOTO UNIVERSITY

VOLUME XXIV

PART 2

APRIL 1962

CONTENTS

Ichiro KONISHI und Nobuyoshi TAKAOKA: <i>Berechnung des Verhaltens von Hängebrücken unter Windbelastung</i> . . . . .	191
Eiji KOMETANI and Kazuhiro YOSHIKAWA: <i>Locating Industry Along the Shores of Osaka Bay</i> . . . . .	204
Goro KAMIMOTO and Yoshihiro MATUOKA: <i>Theory of Centrifugal Type Impeller</i> . . . . .	244
Shigeru MUKAI, Gentaro KANO and T2kahide WAKAMATSU: <i>Effects of Collector Iron Concentrations Hydrogen Ion Concentrations on the Floatability of Non-Sulphite Minerals</i> . . . . .	270
Tomonori HYODO and Fumiyoshi MAKINO: <i>Response Function of a Three-inch Diameter by Three-inch Long NaI (Tl) Scintillator to Gamma-Rays</i> . . . . .	291

---

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 Aeronautical Engineering
Dept. of Mechanical Engineering	Dept. of Nuclear Engineering
Dept. of Electrical Engineering	Dept. of Sanitary Engineering
Dept. of Mining Engineering	Dept. of Applied Mathematics and Physics
Dept. of Metallurgy	Dept. of Precision Mechanics
Dept. of Industrial Chemistry	Dept. of Synthetic Chemistry
Dept. of Architecture	Dept. of Electrical Engineering, II
Dept. of Fuel Chemistry	Dept. of Metal Science and Technology
Dept. of Chemical Engineering	Dept. of Mechanical Engineering, II
Dept. of Polymer Chemistry	Automation Research Laboratory
Dept. of Electronics	Ionosphere Research Laboratory

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

Vol. XXIV, Part 2

April 1962.

---

昭和三十七年五月二十五日 印刷  
昭和三十七年五月三十一日 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二ノ六二

印刷所 日本印刷出版株式会社  
大阪市福島区亀甲町二ノ六二