

*Memoirs of the*  
FACULTY OF ENGINEERING  
KYOTO UNIVERSITY

VOLUME XXI PART 2

APRIL 1959

Published by  
KYOTO UNIVERSITY  
KYOTO, JAPAN

MEMOIRS OF THE FACULTY OF ENGINEERING  
KYOTO UNIVERSITY

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CONTENTS

Masao NARUOKA and Hiroshi ŌMURA: *Digital Computer Analysis of Influence Coefficients for Deflection and Bending Moment of Orthotropic Parallelogram Plates.* . . . . . 103

Yoshio HIRAMATSU and Yukitoshi OKA: *The Fracture of Rock around Underground Openings.* . . . . . 128

Eizaburo YOSHIKAZU, Kiichiro TANIGUCHI and Takeshi KIYONO: *Vertical Sounding by Central Induction Method.* . . . . . 154

Takeshi KIYONO: *On the Electric Field due to Tides. III.* . . . . 170

Yoshikazu SAWARAGI and Narinobu SUGAI: *A Graphical Method for the Evaluation of the Statistical Responses of Non-Linear Control Systems to a Stationary Random Signal Considering Random Noise.* 192

Kiyokado NISHIHARA and Yoshio KONDO: *Studies on the Oxidation of Pyrite. III. The Intermediate Products in the Oxidation of Pyrite.* . . . . . 214

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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:

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| Dept. of Mechanical Engineering | Dept. of Textile Chemistry        |
| Dept. of Electrical Engineering | Dept. of Electronics              |
| Dept. of Mining Engineering     | Dept. of Aeronautical Engineering |
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| Dept. of Fuel Chemistry         | Physics                           |

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

Vol. XXI, Part 2

April 1959.

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昭和三十四年六月二十四日 印刷  
昭和三十四年六月二十九日 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