

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

VOLUME XXXVII    PART 3

JULY 1975

Published by  
**KYOTO UNIVERSITY**  
**KYOTO, JAPAN**

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KYOTO UNIVERSITY

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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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Vol. XXXVII, Part 3

July 1975.

昭和50年9月25日 印刷

昭和50年9月31日 発行

編集兼発行者 京都大学工学部

印刷者 山代多三郎

印刷所 山代印刷株式会社

京都市上京区寺之内通小川西八