

Memoirs of the
FACULTY OF ENGINEERING
KYOTO UNIVERSITY

VOLUME XXXVII PART 2

APRIL 1975

Published by
KYOTO UNIVERSITY
KYOTO, JAPAN

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

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

Vol. XXXVII, Part 2

April 1975.

昭和50年7月25日 印刷

昭和50年7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