

Memoirs of the
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KYOTO UNIVERSITY

VOLUME XXXII PART 4

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

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