

Memoirs of the
FACULTY OF ENGINEERING
KYOTO UNIVERSITY

VOLUME XXIII PART 1

JANUARY 1961

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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:

Dept. of Civil Engineering	Dept. of Textile Chemistry
Dept. of Mechanical Engineering	Dept. of Electronics
Dept. of Electrical Engineering	Dept. of Aeronautical Engineering
Dept. of Mining Engineering	Dept. of Nuclear Engineering
Dept. of Metallurgy	Dept. of Sanitary Engineering
Dept. of Industrial Chemistry	Dept. of Applied Mathematics and Physics
Dept. of Architecture	Dept. of Precision Mechanics
Dept. of Fuel Chemistry	Dept. of Synthetic Chemistry
Dept. of Chemical Engineering	Automation Research Laboratory

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

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