## Memoirs of the FACULTY OF ENGINEERING KYOTO UNIVERSITY

VOLUME XXII PART 2

APRIL 1960

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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 Mechanical Engineering
Dept. of Floatrical Engineering

Dept. of Electrical Engineering

Dept. of Mining Engineering

Dept. of Metallurgy

Dept. of Industrial Chemistry

Dept. of Architecture

Dept. of Fuel Chemistry

Dept. of Chemical Engineering

Dept. of Textile Chemistry

Dept. of Electronics

Dept. of Aeronautical Engineering

Dept. of Nuclear Engineering

Dept. of Sanitary Engineering

Dept. of Applied Mathematics and

Physics

Automation Research Laboratory

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

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