

Memoirs of the
FACULTY OF ENGINEERING
KYOTO UNIVERSITY

VOLUME XXI PART 3

JULY 1959

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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 Civil Engineering | Dept. of Chemical Engineering |
| Dept. of Mechanical Engineering | Dept. of Textile Chemistry |
| Dept. of Electrical Engineering | Dept. of Electronics |
| Dept. of Mining Engineering | Dept. of Aeronautical Engineering |
| Dept. of Metallurgy | Dept. of Nuclear Engineering |
| Dept. of Industrial Chemistry | Dept. of Sanitary Engineering |
| Dept. of Architecture | Dept. of Applied Mathematics and |
| Dept. of Fuel Chemistry | Physics |

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

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