

**Memoirs of
the Faculty of Engineering
Nagoya University**

Vol. 34, No. 1

**May, 1982
Nagoya, Japan**

These publications are issued periodically. (semi-annual)

The original and selected works are collected and recorded for the future and for information abroad; the authors of these works are the researchers of the Faculty, *i. e.*, the professors, the lecturers and the co-workers.

The authors alone are responsible for the contents of these Memoirs.

All communications relating to these Memoirs should be addressed to the Dean of the Faculty of Engineering, Nagoya University, Furō-chō, Chikusa-ku, Nagoya, Japan.

Dean of the Faculty: Prof. Mitsuru NAGASAWA

Editorial Committee

Chairman: Prof. Yasuhisa TOZAWA

Prof. Takashige TSUKISHIMA	(Electrical Eng.)
Prof. Tadashi SASAKI	(Applied Chemistry)
Asst. Prof. Masayuki SUZUKI	(Aeronautical Eng.)
Prof. Keiji NAITO	(Nuclear Eng.)