

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

Vo1. 26, No. 1

**May, 1974
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. Yoshimasa FURUYA

Editorial Committee

Chairman: Prof. Fumio HAYAKAWA

Prof. Yasuo KASUGA	(Mechanical Eng.)
Prof. Shigeki YAMAGUCHI	(Mechanical Eng.)
Prof. Susumu TAKEDA	(Electrical Eng.)
Prof. Shigeyoshi MIYAJIMA	(Electronics)
Prof. Tsugio TAKEUCHI	(Applied Chemistry)
Prof. Kenji FUEKI	(Synthetic Chemistry)
Prof. Iwao MUCHI	(Metallurgy)
Prof. Iwao MUCHI	(Iron and Steel Eng.)
Prof. Masakazu MATSUBARA	(Chemical Eng.)
Prof. Shigeo UCHIDA	(Aeronautical Eng.)
Prof. Yoshio KATO	(Applied Physics)
Prof. Shizuo SHIMADA	(Civil Eng.)
Prof. Makoto YANAGISAWA	(Architecture)
Prof. Keiji NAITO	(Nuclear Eng.)
Prof. Kahei NAKAMURA	(Information and Control)