

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

Vol. 14, No. 1-2

**November, 1962
Nagoya, Japan**

These publications are issued periodically.

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 Director of the Faculty of Engineering, Nagoya University, Furo-cho, Chikusa-ku, Nagoya, Japan.

Publication Committee

Prof. Tōkichi NODA	(Chairman)
Prof. Tarō SUGA	(Applied Physics)
Prof. Shizuo DOI	(Mechanical Eng.)
Prof. Toshio YAMAMOTO	(Mechanical Eng. II)
Prof. Shintarō ŌTSUKA	(Aeronautical and Space Eng.)
Prof. Kenzō YAMAMOTO	(Electrical Eng.)
Prof. Ukichi SHINOHARA	(Electronics)
Prof. Kahei NAKAMURA	(Automatic Control Eng.)
Prof. Hachie SAWAMOTO	(Metallurgy)
Prof. Kōichi IINOYA	(Chemical Eng.)
Prof. Tōkichi NODA	(Applied Chemistry)
Prof. Ukichi SHINOHARA	(Nuclear Eng.)
Prof. Taidō ISHII	(Synthetic Chemistry)
Prof. Matsuhei ICHIHARA	(Civil Eng.)
Prof. Kōkichi SANO	(Iron and Steel Eng.)