

**Memoirs of  
the School of Engineering  
Nagoya University  
Vol.45, No.1, 1993**

**CONTENTS**

Toshiya MORISUE Computational Electromagnetism and Gauges .....	1
Kenji MORITA and Yuji HASEBE Dynamic Behavior of Hydrogen Isotopes Implanted into Graphite Studied by Means of Ion Beam Analysis Technique .....	57

**Research Report**

Ikuo NAKAMURA, Takashi WATANABE and Takashi YOSHIDA On the Numerical Outflow Boundary Condition of the Viscous Flow Around a Square Cylinder .....	105
Yoshiyuki SUGIYAMA, Masahiro YOSHIDA and Jang-Soo CHOI Numerical Investigation of Perpendicular Staged Blowing into a Subsonic Cross Flow .....	118

**PUBLISHED BY  
THE SCHOOL OF ENGINEERING, NAGOYA UNIVERSITY  
NAGOYA, JAPAN**

These publications are issued biannually.

Original and selected works are collected and recorded for future research works and for information abroad. The authors of these works are the researchers of the School, *i.e.*, the professors, the lecturers and the co-workers who belong to the School of Engineering.

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 School of Engineering, Nagoya University, Furo-cho, Chikusa-ku, Nagoya, 464-01 Japan.

Dean of the School: Prof. Tetsuo FUJIMOTO

**Editorial Committee**

Chairman: Prof. Kiyoshi KAWADE

Prof. Michio HIBINO, Prof. Shigeki TOYAMA

Prof. Nobuo NAKAHARA, Prof. Noboru SUGIE