Memoirs of the Faculty of Engineering Nagoya University Vol.43, No.1, 1991

CONTENTS

and Hassan Mohamed Salah Studies of Desalting Solar Stills	1
Hiroshi Takeuchi Studies on the Liquid Membrane Separation of Metal Cations Using Mobile Carrier	54
Research Report	
V.M. SHEVTSOVA, T. FUJIWARA and Yu. S. RYAZANTSEV Thermoconvective Motion in a Two-Layered System	113
Takeo Soga and Kouji Yamanaka Numerical Study on the Interaction of Supersonic Flow Past a Wedge and Free Jet	121
Takeo Soga, Byung Gon Kim and Hideo Suda Direct Simulation of Effusion and Expansion Flows from a Slit into a Vacuum	135

PUBLISHED BY THE FACULTY 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 faculty, *i.e.*, the professors, the lecturers and the co-workers who belong to the faculty.

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, Furo-cho, Chikusa-ku, Nagoya, 464-01 Japan.

Dean of the Faculty: Prof. Minoru MATSUO

Editorial Committee

Chairman: Prof. Tadaaki TANABE

Prof. Hiroshi Ota, Assoc. Prof. Kiyoshi Kawade Asst. Prof. Miki Niwa, Asst. Prof. Hiroshi Furuya