Memoirs of the FACULTY OF ENGINEERING KYOTO UNIVERSITY

VOLUME XLIX PART 1 JANUARY 1987

Published by
KYOTO UNIVERSITY
KYOTO, JAPAN

MEMOIRS OF THE FACULTY OF ENGINEERING KYOTO UNIVERSITY

VOLUME XLIX

PART 1

JANUARY 1987

CONTENTS

A Road Network Design Model Considering Node Capacity Woosik Yoo, Shigehiro Nishino and Hiroyuki Matsunami	
	. 1
Epitaxial Growth of Thick Single Crystalline Cubic Silicon Carbide	
by Sublimation Method·····	21
Mitsuro Antoku, Takeo Sakurai and Hidenori Takeda	
Numerical Solution of Two-dimensional Channel Flow of Viscous Incompressible	
Fluid past an Elliptic Cyolinder·····	23
Naoto Какімото, Muneaki Начаѕні and Yukio Оннові	
Dynamic Stability Analysis of Large-scale Power System	
by the Frequency Response Method	64
Takuya Matsuda, Yoshikuni Uмеda, Ryuji Ishii, Atsuhiko Yasuda and	
Keisuke Sawada	
Numerical and Experimental Studies on Choked Underexpanded Jets	
	83

This memoirs is issued quarterly by the University to publish the original contributions to engineering science made or communicated by the members of the faculty. The faculty consists of following departments:

Dept. of Civil Engineering Dept. of Sanitary Engineering Dept. of Applied Mathematics and Physics Dept. of Mechanical Engineering Dept. of Precision Mechanics Dept. of Electrical Engineering Dept. of Mineral Science and Dept. of Synthetic Chemistry Dept. of Electrical Engineering, II Technology Dept. of Metallurgy Dept. of Metal Science and Technology Dept. of Industrial Chemistry Dept. of Transportation Engineering Dept. of Architecture Dept. of Architectural Engineering Dept. of Hydrocarbon Chemistry Dept. of Information Science Dept. of Chemical Engineering Dept. of Engineering Science Div. of Molecular Engineering Dept. of Polymer Chemistry Automation Research Laboratory Dept. of Electronics Dept. of Aeronautical Engineering Ion Beam Engineering Experimental Dept. of Nuclear Engineering Laboratory

All communications regarding the memoirs should be addressed to the dean of the faculty.

Vol. XLIX, Part 1 January 1987. 昭和62年2月25日 印刷 昭和62年2月28日 発行 京都大学工学部 編集兼発行者 印刷者 中 村 督 京都市南区吉祥院池ノ内町10 印刷所 明文舎印刷株式会社 京都市南区吉祥院池ノ内町10