Memoirs of the FACULTY OF ENGINEERING KYOTO UNIVERSITY

VOLUME XLIII PART 3 JULY 1981

> Published by KYOTO UNIVERSITY KYOTO, JAPAN

MEMOIRS OF THE FACULTY OF ENGINEERING KYOTO UNIVERSITY

VOLUME XLIII PART 3 JULY 1981

CONTENTS

Teruo HAMATSUKA, Abdul-Aziz Mo'OMEN and Hajime AKASHI	
On Pole Assignment and Stabilization for the Heat Equation	319
Tsuguo Ando and Juro Имото	
Transient Distribution of Magnetic Flux in DC Motor	328
Yoshio Sone and Sadao Tanaka	
Thermal Stress Slip Flow Induced in Rarefied Gas between Noncoaxial Cir-	
cular Cylinders	344
Hiroshi Okubo, Teruyuki Kanou and Makoto Kobayakawa	
Aircraft Parameter Identification in the Presence of Atmospheric Turbulence	364
Kohshi Okumura and Akira Kishima	
A Method for Analysing Parametrically Excited System by Matrix Func-	
tion	376
Hisashi Mine, Isao Sawa and Hidenao Masaki	
Optimal Unit Allocation Policies of Standby Systems	387
Hiroyuki Kameda and Hideki Takagi	
Seismic Hazard Estimation Based on Non-Poisson Earthquake Occurrences	397
Tatsuo Nogi	
ADINA Computer I and II II. Data Structure	434

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

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

Vol. XLIII, Part	3 July 19	981.
	年10月30日 印刷	
昭和56	年10月31日 発行	
編集兼発行者	京都大学工学音	ß
印刷者	小林積 3	告 -7
印刷所	日本印刷出版株式会社	
ועז נייזא נאָד	口 平 中 同 山 欣 休 八 云 大阪市福島区吉野1丁目2	-