

*Memoirs of the*  
**FACULTY OF ENGINEERING  
KYOTO UNIVERSITY**

VOLUME XXXV PART 1  
JANUARY 1973

Published by  
KYOTO UNIVERSITY  
KYOTO, JAPAN

MEMOIRS OF THE FACULTY OF ENGINEERING  
KYOTO UNIVERSITY

VOLUME XXXV

PART 1

JANUARY 1973

CONTENTS

Tatsuo INOUE and Kikuaki TANAKA	
<i>Temperature Dependent Analysis of Elastoplastic Thermal Stresses by Finite Element Method</i> .....	1
Kōshi OKUMURA and Akira KISHIMA	
<i>1/3-harmonic Oscillation in Three-Phase Circuit with Series Condensers (II)</i> .....	15
Minoru KAWAMOTO, Toshinobu SHIBATA and Hiroshi ISHIKAWA	
<i>The Effect of Stress Sequence on the Fatigue Strength under Program Loading</i> .....	28
Minoru KAWAMOTO, Hiroshi ISHIKAWA and Terutaka ONOE	
<i>Service Load Counting and Fatigue Life Estimation by the Full Wave Count Method</i> .....	37
Fumio FUKUZAWA, Koya OGINO, Michio TOMITA, Koji YOSHIDA, Keizo NORISAWA and Masakatsu SAKISAKA	
<i>New Accelerating Tube for 4 MV Van de Graaff Accelerator</i> .....	52
Kunihide TACHIBANA and Kuniya FUKUDA	
<i>Collision-Induced Transitions within the Levels of 4p Configuration of Ar II</i> .....	79