## **MEMOIRS**

## OF THE FACULTY OF ENGINEERING KYOTO UNIVERSITY

## CONTENTS

Saburo Kamei and Jun Oishi	1
Studies on the Power Requirement of Mixing Impel-	-
lers (III)—Empirical Equations for Paddle Agitators in	
Cylindrical Vessels— Shinji NAGATA, Tōhei YOKOYAMA	
and Hiroyuki MAEDA	13
Statistical Representation of S-N Curve on the Fati-	
gue Test Results Minoru KAWAMOTO	
and Takao NAKAGAWA	30
Separation of Fluoride Ion with Anion Exchange Resin	
. Wataru Funasaka, Makoto Kawane and Tsuguo Kojima An Investigation on the Underground Cooling by Air	44
Current Yoshio HIRAMATSU and Junichi KOKADO	51

VOL. XVIII. NO. I

JANUARY 1956

Published by the University, KYOTO, JAPAN.

ALL COMMUNICATIONS REGARDING THE MEMOIRS SHOULD BE ADDRESSED TO THE DEAN OF THE FACULTY.

Vol. XVIII, No. 1

January 1956.

昭和三十一年三月 十 日 印刷 昭和三十一年三月十五日 発行

編集兼発行者 京都大学工学部

印 刷 者 小 林 積 造 大阪市福島区亀甲町ニノ六ニ

印刷所 日本印刷出版株式会社 大阪市福島区亀甲町ニノ六ニ