

MEMOIRS
OF THE
FACULTY OF ENGINEERING
KYOTO UNIVERSITY

CONTENTS

<u>New Gray Cast Iron with Eutectic Graphite Structure</u> <u>"S-H Cast Iron" and its Mechanical Properties . . .</u>	
	Hiroshi SAWAMURA. 77
<u>On the Rollwave-Trains</u> Appearing in the Water Flow on a Steep Slope Surface . . . Tōjirō ISHIHARA, Yūichi IWAGAKI and Yasuo ISHIHARA.	83
<u>Stability Investigation of the Non-linear Periodic</u> <u>Oscillations</u>	Chihiro HAYASHI. 92
<u>Equilibria of Liquid Pig Iron of the System Fe-C-Si</u> <u>and Slags of the System SiO_2-CaO-Al_2O_3 under One</u> <u>Atmospheric Pressure of Carbon Monoxide</u>	Hiroshi SAWAMURA and Jun SAWAMURA. 103
<u>Flame Development and Combustion Pressure in the</u> <u>Gasoline Injection Engine.</u>	Fujio NAGAO and Syūn'iti OHGASHI. 112

VOL. XIV. NO. II

MARCH 1952

Published by the University,
KYOTO, JAPAN.

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

Vol. XIV. No. 2

March 1952.

昭和二十七年五月二十五日 印刷

昭和二十七年五月三十一日 発行

編集兼発行者 京都大学工学部

印刷者 小林 穰 造
大阪市鶴見区魚甲町二ノ六二

印刷所 日本印刷出版株式会社
大阪市鶴見区魚甲町二ノ六二