

京都帝國大學

工學部紀要

MEMOIRS

OF THE

COLLEGE OF ENGINEERING

KYOTO IMPERIAL UNIVERSITY

---

---

VOL. IX.

FEBRUARY 1936

NO. 3

---

---

**CONTENTS**

- No. 5. Influence of Silicon, Manganese, Nickel and Chromium on the Determination of Oxygen in Iron and Steel by the Ledebur Method. HIROSHI SAWAMURA and HIRONORI MOMATA. . . . . 117
- No. 6. On the Structure of the Steel Carburized by Various Hydrocarbons. HIROSHI SAWAMURA. . . . . 126
- No. 7. Mathematical Theories of Bourdon Pressure Tubes and Bending of Curved Pipes. MASASUKE TUEDA. . . . 132
- No. 8. Intrusive Rocks and their Influences on Coal-Seams, Chikuhō Coal-Field, Japan. TORAJIRŌ UEJI. . . . . 163

Published by the University,

KYOTO, JAPAN.

---

---

ALL COMMUNICATIONS REGARDING THE MEMOIRS SHOULD  
BE ADDRESSED TO THE DIRECTOR OF THE COLLEGE.

---

---

*These publications are issued at irregular intervals.  
When about 200 pages are reached, they form one volume.*

Vol. IX. No. 3. Published February 28, 1936.

*Price - - -*

These Memoirs are on sale at  
**MARUZEN COMPANY, LTD.**

TOKYO, OSAKA, KYOTO, YOKOHAMA,  
NAGOYA, FUKUOKA AND SENDAI.

昭和十一年二月廿五日印刷  
昭和十一年二月廿八日發行

編纂兼發行者 京都帝國大學工學部

印刷者 福井松之助  
京都市中京區柳馬場通三條南入

印刷所 株式會社似玉堂  
京都市中京區柳馬場通三條南入

賣捌所 丸善株式會社  
東京・大阪・京都・橫濱・名古屋・福岡・仙臺

<b>No. 1. On the Turbulent Boundary Layer with Pressure Rise and Fall.</b>	<b>BUSUKE HUDIMOTO.</b>	<b>1</b>
<b>No. 2. On the Constitution of Alloys of Copper, Aluminium and Silicon.</b>	<b>CHIUYO HISATSUNE.</b>	<b>18</b>
<b>No. 3. Studien über Fettsäurederivate.</b>	<b>WASABURO KIMURA.</b>	<b>49</b>
<b>No. 4. Untersuchung über die Tröcknung fester Stoffe II.</b>	<b>SABURO KAMEI.</b>	<b>83</b>