

Title	CONTENTS
Sub Title	
Author	
Publisher	慶應義塾大学藤原記念工学部
Publication year	1965
Jtitle	Proceedings of the Fujihara Memorial Faculty of Engineering Keio University (慶應義塾大学藤原記念工学部研究報告). Vol.18, No.71 (1965.) ,p.i- iii
JaLC DOI	
Abstract	
Notes	Summaries of Doctor and Master Theses
Genre	
URL	https://koara.lib.keio.ac.jp/xoonips/modules/xoonips/detail.php?koara_id=KO50001004-00180071--003

慶應義塾大学学術情報リポジトリ(KOARA)に掲載されているコンテンツの著作権は、それぞれの著作者、学会または出版社/発行者に帰属し、その権利は著作権法によって保護されています。引用にあたっては、著作権法を遵守してご利用ください。

The copyrights of content available on the Keio Associated Repository of Academic resources (KOARA) belong to the respective authors, academic societies, or publishers/issuers, and these rights are protected by the Japanese Copyright Act. When quoting the content, please follow the Japanese copyright act.

CONTENTS

Doctor of Engineering, 1965

Shoichiro WATANABE (<i>Chemical Engineering</i>)	
Study on the Polyoxyalkylenic Nonionic Surface Active Agents	1
Toshio ISHIKAWA (<i>Chemical Engineering</i>)	
Synthesis of Unsaturated Aldehydes by Catalytic Vapor Phase	
Oxidation of Lower Olefines	3
Atsuo IIYOSHI (<i>Mecanical Engineering</i>)	
Strong Shock Waves in the Electromagnetic Shock Tube	5
Kunio MIYACHI (<i>Electrical Engineering</i>)	
Studies on the Contact Characteristics of Carbon Brushes and	
Commutation Theory	6
Toyomi OHTA (<i>Electrical Engineering</i>)	
The Extension of Mitrovic's Method and Its Application to the Design	
of Compensation Networks	8
Tomohiro OGUCHI (<i>Electrical Engineering</i>)	
Theoretical Investigations on the Attenuation of Electromagnetic	
Wave due to Rain	10
Hironobu YAMAMOTO (<i>Chemical Engineering</i>)	
Electrochemical Studies on Platinum	11
Hiroshi HAGIWARA (<i>Electrical Engineering</i>)	
Study about Titanium Electrolytic Capacitor	13
Shoichi KURITA (<i>Electrical Engineering</i>)	
Study on Optical and Electrical Characteristics of	
Electroluminescent Cells	14
Tsutomu TSUCHIYA (<i>Chemical Engineering</i>)	
Synthetic Studies on Aminosugar glucosides and Their Derivatives	16
Takeichi GOTO (<i>Mechanical Engineering</i>)	
On the Buckling of Cylindrical Thin Shells with Internal	
Pressure due to Axial Loading	17
Taro SHIMOGO (<i>Mechanical Engineering</i>)	
Study on the Random Vibration of an Elastic Body Caused	
by a Turbulent Flow	18

Master of Engineering, 1965

Mechanical Engineering:

Takashi HARASAKI: Natural Convection Heat Transfer to Carbon	
Dioxide Near the Critical Point	21
Takashi KASHIWAGI: Burning Rate of Composite solid Propellant	22

Tamotsu KASUYA : Trial Manufacture of Film Vaporization Gasturbine Combustor and Researchment on Its Property	23
Noriaki KIJIMA : An Experimental Investigation on Over-load Running of Diesel Engine	24
Takahiko KUNO : Springback of Coiled Springs	25
Yoshiro MIIDA : The Shock Wave Acceleration	26
Tetsuro NAGANO : Experimental Research on the Inducer of the Centrifugal Compressor	27
Kohei OKAMI : Heat Transfer of High Pressure and High Temperature Water in Forced Convection	28
Hiroyuki SHIMOJIMA : Failure Mechanisms of Filled Rubber	29
Hiroya TAGUCHI : Spectroscopic Electron Temperature Measurements of Plasma in a Theta Pinch Device	30
Masahisa TAKASHI : Mechanical Properties of Visco-Elastic Materials	31
Shigeyuki YAMAZAKI : Pressure Measurement of Strong Shock in a Magneto-Hydrodynamic Shock Tube	32
Kazuo YANAGIHARA : A Study on the Mechanization of an Assembly Process of an Electrical Condenser Production	33
<i>Electrical Engineering :</i>	
Hisayuki HASHIMOTO : Study on the Stability of Oscillation Frequency in Terms of the Image Parameters	34
Yasunori HIDA : Photoresponse of Cadmium Sulfide Photoconductor	35
Michimasa KONDO : Electromagnetic Waves in Magneto-Plasma Medium	36
Takaya MARUOKA : The Graphical Analysis of the Transistor Square-Wave Oscillator	37
Hiroshi NISHIZAWA : The Rise of Flux in Solid Iron Core	38
Takao SUMI : <i>RC</i> Active Network Synthesis	39
Shinobu TOKUMARU : Transient Radiation Fields in Antennas	40
Masanobu TSUKADA : An Oscillator with Delay Lines	41
Tsuneo YOKOI : Charges on the Carnauba Wax Electret	42
Ei-yo RYO : Concerning to the Electromagnetic Field Distribution of Cavity Resonator of Microwave Electronic Tube	43
<i>Applied Chemistry :</i>	
Akiko FURUHASHI : Studies on Waste Waters	44
Hiroyuki KANEKO : Study on Multi Layer Recording Paper	45
Kōzō KURIHARA : Studies on the Fluidity of Powder	46
Kiyoshi SHINOZAKI : Investigation on the Semiconducting Properties of $\text{NiO}\cdot\text{Cr}_2\text{O}_3$ Solid Solution	47
Kouzou SHIOURA : Studies on the Glass Ceramics of the System $\text{ZnO}\cdot\text{MgO}\cdot\text{Al}_2\text{O}_3\cdot\text{TiO}_2\cdot\text{SiO}_2$	48

Kuniaki TATSUTA : Studies on the Configurations of Aminosugar Glucosides and Related Compounds	49
Toshio TANAKA : Studies on the Emulsifying Plasticizer	50
Norio TASHIMA : Observation on MnO-bearing Wustite	51
Yoshitaka TSUCHIYA : The Polyoxyethylene Derivatives of Pentachlorophenol...	52
Eiichi YAMAMOTO : Structural and Synthetic Studies on Some Antibiotics	53
Hiroaki YANAGISAWA : A New Synthesis of Cyclic α -Amino Acids	54
<i>Instrumentation Engineering :</i>	
Teruyoshi SUZUKI : Some Consideration on the Optimization of a Chemical Process	55
<i>Administration Engineering :</i>	
Mitsuru KATOH : The Study of Sampling Plans for Inspection by Variables	56
Seishi KONNO : Information Retrieval and Automatic Structure- Matching Procedures	57
Zentaro NAKAMURA : Tracking Operation by Group	59
Hisakazu NISHINO : Competition and Enterprise Behaviour	61
Keinosuke ONO : Production Control in Manufacturing Companies Engaged in Repetitive Production of a Broad Product Line	63
Norio SHIBATA : Criteria for the Selection of the Most Profitable Products ...	65
Teruyuki TAKENAMI : The Use of Computers and Statistics in in Medical Diagnosis	67
Shinichi YAMAMOTO : An Optimal Investment Planning	69