

# 目 次

## 〈論文〉

一次元ストリップ型X線検出器の連続走査積算測定における赤道収差 .....	井田 隆 1
--	--------

## 〈解説〉

吸着メタノール種の赤外吸収分光分析による酸化物表面の解析 .....	山田省吾・田中真実・加藤秀一郎・羽田政明 8
---------------------------------------	------------------------

Pulsed Electric Current Sintering and Its Employment for Transparent Polycrystalline $Al_2O_3$ .....	Nguyen Huu Hien, Makoto Nanko, Yuzin Xin, Takashi Shirai 13
--	---

Synthesis of Fumed Titanium Dioxide with a High Content of Rutile Structure by Novel Natural Dropping Thermal Treatment .....	Yukiya Yamashita, Masayoshi Fuji 23
---	-------------------------------------

## 〈技術報告〉

フェライト多孔体の合成方法について .....	安達信泰 28
----------------------------	---------

〈研究業績〉 .....	34
--------------	----

〈センターニュース〉 .....	57
------------------	----

# Contents

〈Original Paper〉

Equatorial Aberration for Continuous-Scan Integration with One-Dimensional Strip X-ray Detector .....	Takashi Ida	1
---	-------------	---

〈Review〉

Surface Characterization of Metal Oxides by Infrared Spectroscopy Following Methanol Adsorption .....	Shogo Yamada, Makoto Tanaka, Shuichiro Kato, Masaaki Haneda	8
---	---	---

Pulsed Electric Current Sintering and Its Employment for Transparent Polycrystalline $Al_2O_3$ .....	Nguyen Huu Hien, Makoto Nanko, Yuzin Xin, Takashi Shirai	13
--	--	----

Synthesis of Fumed Titanium Dioxide with a High Content of Rutile Structure by Novel Natural Dropping Thermal Treatment .....	Yukiya Yamashita, Masayoshi Fuji	23
---	----------------------------------	----

〈Technical Report〉

Synthesis of Porous Ferrite Materials .....	Nobuyasu Adachi	28
--	-----------------	----

〈Research Activity〉 ..... 34

〈News〉 ..... 57