

学位論文要約

Crystal structure and phase transition of barium aluminate and
calcium strontium sulfoaluminate by synchrotron radiation X-ray diffraction

(放射光 X 線回折によるバリウムアルミネートと
カルシウムストロンチウムサルホアルミネートの結晶構造と相転移に関する研究)

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Content of the thesis

Abstract

Chapter 1 Introduction

Chapter 2 Theory and Experimental

Chapter 3 Structural Fluctuation and Phase Transition in BaAl_2O_4

**Chapter 4 Structural Fluctuation and Phase Transition in $\text{Ca}_8[\text{AlO}_2]_{12}(\text{SO}_4)_2$ and
 $\text{Sr}_8[\text{AlO}_2]_{12}(\text{SO}_4)_2$**

Chapter 5 Conclusion

References

Acknowledgements