

## 学位論文要約

Seismic velocity structure of oceanic lithosphere based on elastic wave velocity measurements of core samples collected from the Oman ophiolite  
(オマーンオフィオライト掘削試料の弾性波速度測定に基づく  
海洋リソスフェアの地震波速度構造)

畠山航平

Department of Earth and Planetary Systems Science,  
Graduate School of Science,  
Hiroshima University

## Content of the thesis

Abstract

**Chapter 1** General introduction

**Chapter 2** Effect of cracks and mineral assemblage in elastic wave velocity of mafic rocks

**Chapter 3** Pressure dependence of anisotropy of elastic wave velocity in ultramafic rocks

**Chapter 4** Velocity structure of the Oman ophiolite stratigraphy and oceanic lithosphere

**Appendix**

References

Acknowledgements