

学位論文要約

# **Characteristic motion of self-propelled objects induced by nonlinearity under nonequilibrium conditions**

(非平衡条件下で非線形性の導入により生じる

自己駆動体の特徴的な運動)

松田 唯

Department of Mathematical and Life Sciences,  
Graduate School of Science,  
Hiroshima University

## **Content of the thesis**

**Chapter I:** General Introduction

**Chapter II:** Acceleration or deceleration of self-motion by the Marangoni effect

**Chapter III:** Self-propelled motor driven by a glucose engine

**Chapter IV:** Photo-sensitive self-motion of a BQ disk

**Chapter V:** Conclusion

Acknowledgements

References