Compendium Preface

This preface is for Jason Guan’s Part IV project, the motor half of “Liquid Metal Locomotion”.

# CAD

In this folder are files associated with physical design. Most are made using PTC Creo Parametric 5.0. I made all of the files in this folder.

## CAD Files

These are raw CAD files. They may be difficult to open due to the way Creo structures file references. I recommend consulting CAD Drawings before these files.

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## CAD Drawings

These are exported drawings made from the CAD files above. I recommend using these over raw CAD files unless necessary.

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# Code

There are a small number of code files for this project. All code was written in Python 3.7.3/Anaconda and designed to run on UNIX-like systems. All code has been tested on MacOS 10.13 Mojave and Manjaro Linux September 2019. I wrote all the code.

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# Data

These are files that represent raw data output and analysis of that data, as well as some graphs associated with that data in the same files. I collected and analysed all files in this folder.

# Notebook

This folder is a scan of the design notebook used in this project. I wouldn’t recommend reading the notebook unless you have to – it is quite messy as I wrote it for personal consultation.

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# Photos

These are photos associated with the project. Good for interest sake mostly. I took all the photos.

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