

This is the write up for hw1, Comp Phys II

I'm using the Coral dev board from google. And I choose the homework 7 from the last semester and it's focusing on fft.

To complete this homework, I first followed the user instruction from the coral official website. The general sequece is :

- flash the board with a micro SD card to install Mendel Linux
- connect to the board via MDT shell
- connect to the internet
- use SSH to get the remote access
- install python3 and packages
- get Pycoral API running

I also fix some mistakes from last semester's homework:

- P1: find the appropriate peaks and convert the fft index to actual frequency (Hz).
- P2: Reset the filtering frequency limit and fix the x axis label.
- P3: Reset the highpass filter to make the filterd image completely lose periodicity.