

Tasks:

- Sample the double slit function at the linearly spaced coordinates already generated for you.
- Run the example fourier transform, explain what about the result looks unphysical. You do not have to dive into the workings of the fast Fourier transform functions in MATLAB or Python, we will do this in class.
- Implement code for a triple slit boundary condition function to the specification provided. You can use the double slit as an example.

I provide example plots to show what your correct results should look like