

Figure 1: Part a

## Observed number of sunspots on the Sun for the first 1000 months 250 200 - 150 - 50 - 50 - 200 400 600 800 1000

Figure 2: Part b

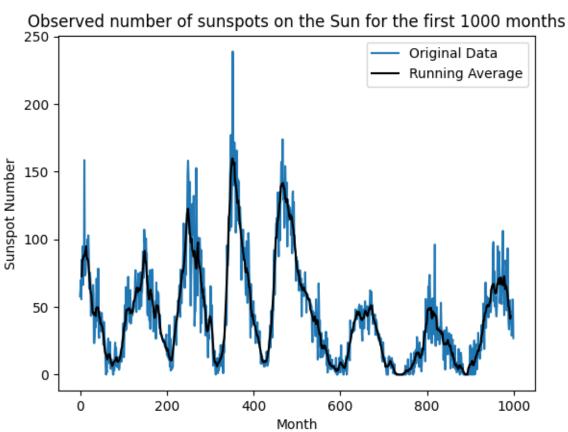


Figure 3: Part c

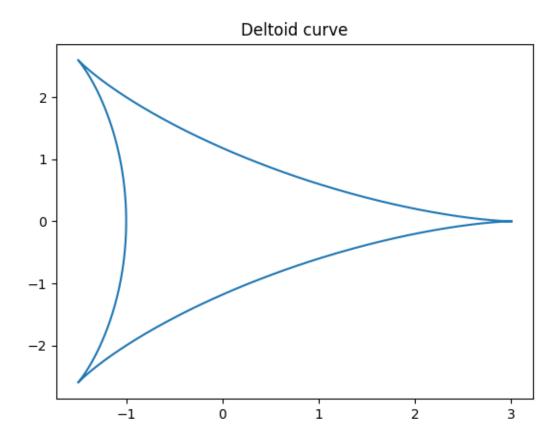


Figure 4: Part a

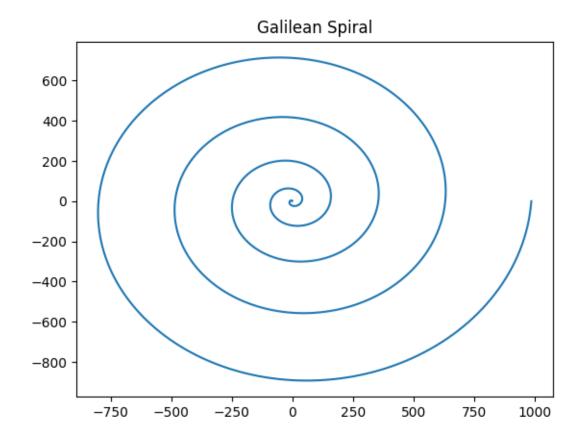


Figure 5: Part b

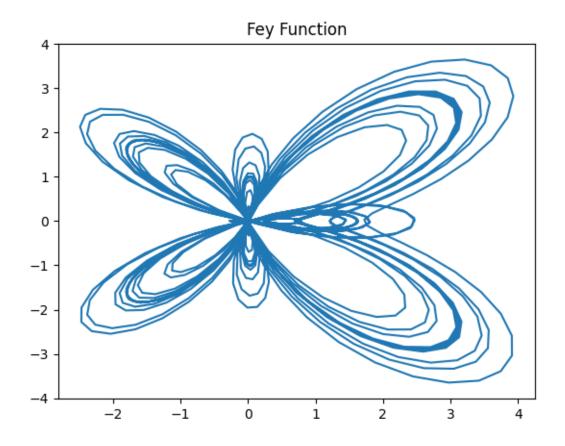


Figure 6: Part c

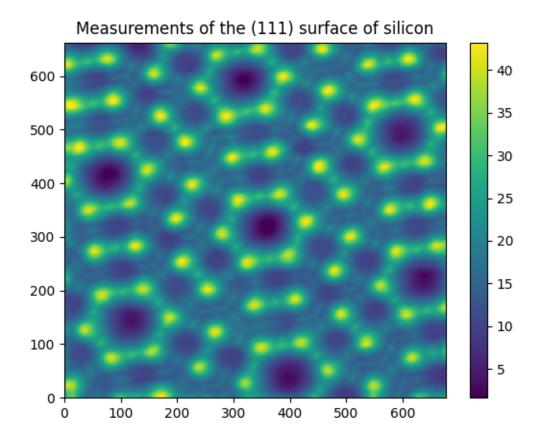


Figure 7:

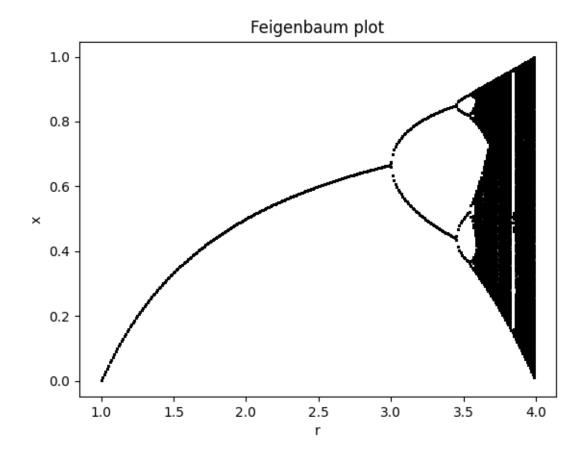


Figure 8:

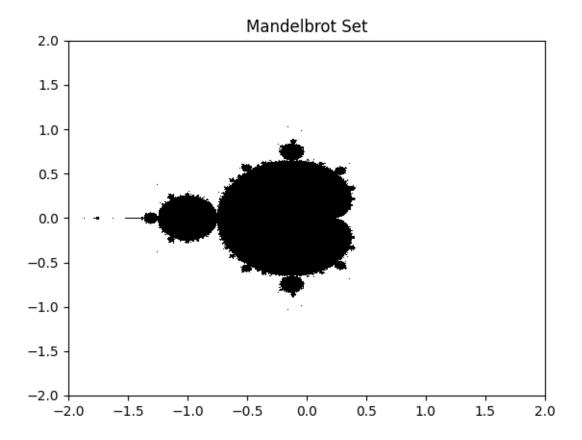


Figure 9: Black and White plot scheme

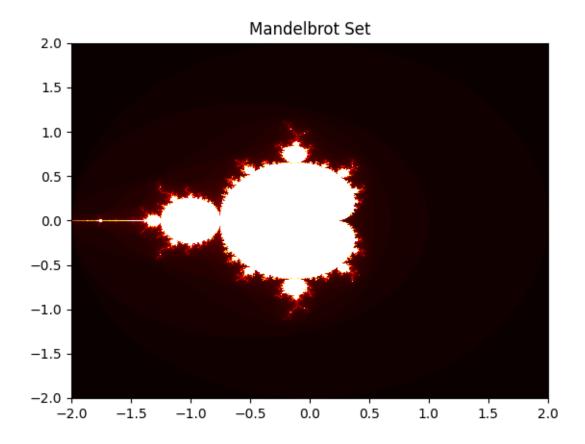


Figure 10: Hot plot scheme

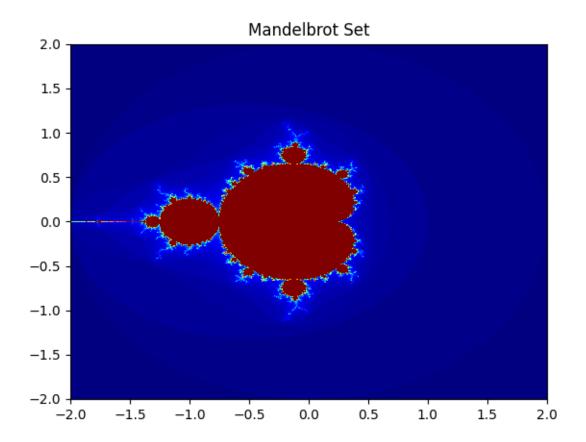


Figure 11: Jet plot scheme

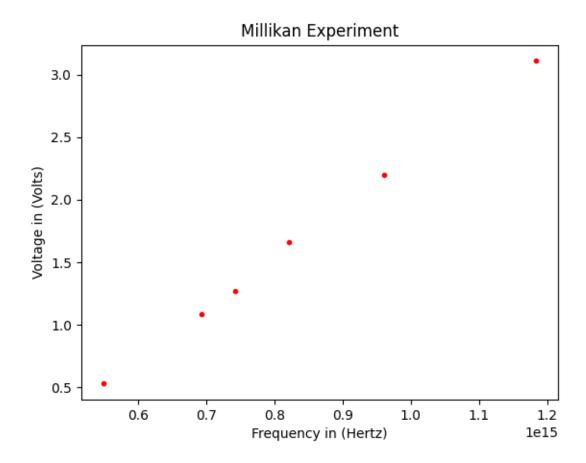


Figure 12: Part a

## Millikan Experiment 3.0 Experimentally obtained Planck's Constant: 6.549E-34 Literature valure of Planck's Constant: 6.626E-34 Percentage Error: -1.158 2.5 Voltage in (Volts) 2.0 1.5 1.0 0.5 0.7 0.6 1.0 1.1 0.8 0.9 1.2 Frequency in (Hertz) 1e15

Figure 13: Part b