

Figure: Example 1: Vector drawing in TikZ

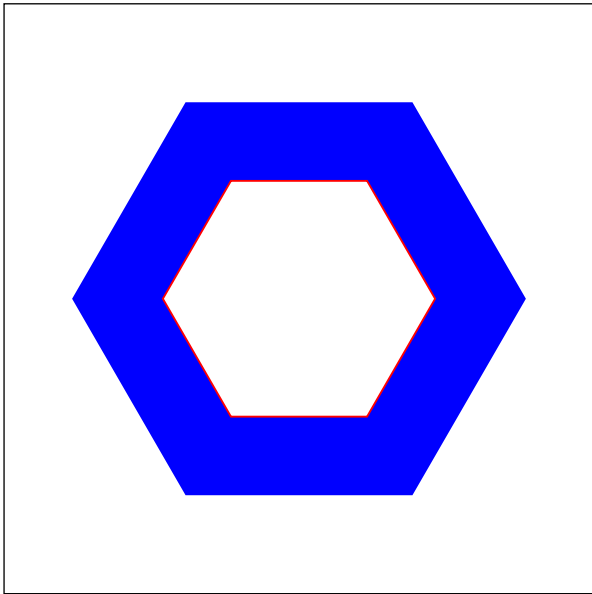


Figure: Task 1: Hexagon drawing

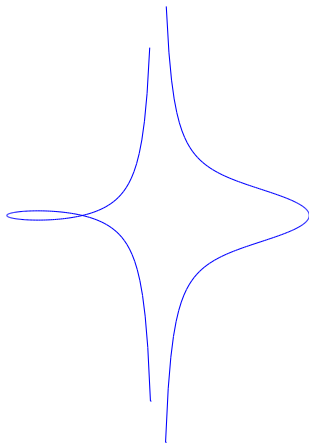


Figure: Example 2.1: Nicomedes' Conchoid

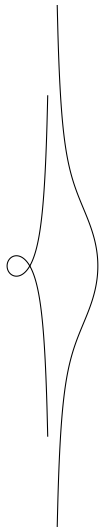
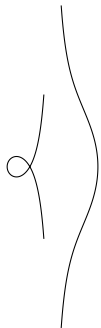


Figure: Example 2.2: Nicomedes' Conchoid, auto-plot

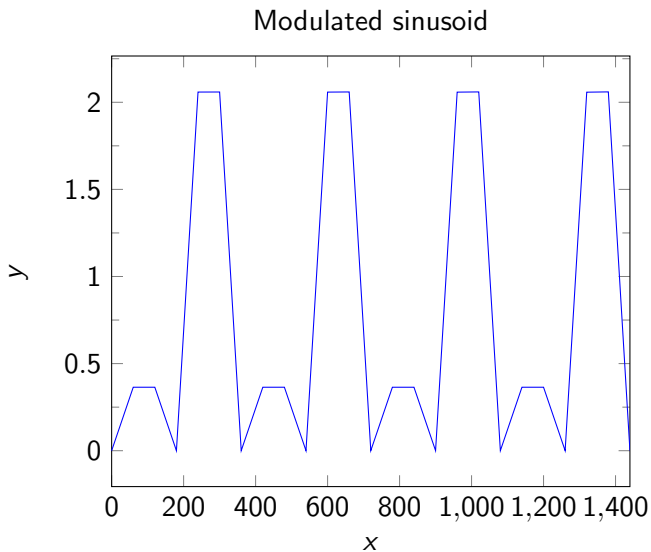


Figure: Example 2.3: Modulated sinusoid, using PGFPlots. Rough.

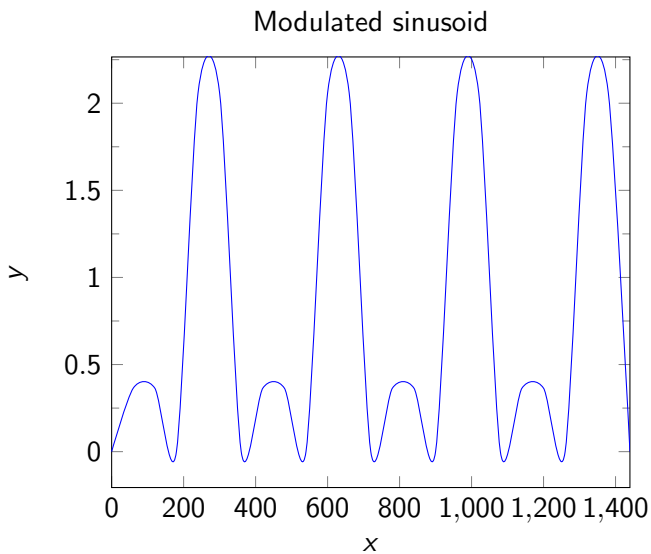


Figure: Example 2.4: Modulated sinusoid, using PGFPlots. Rough, artificially smoothed.

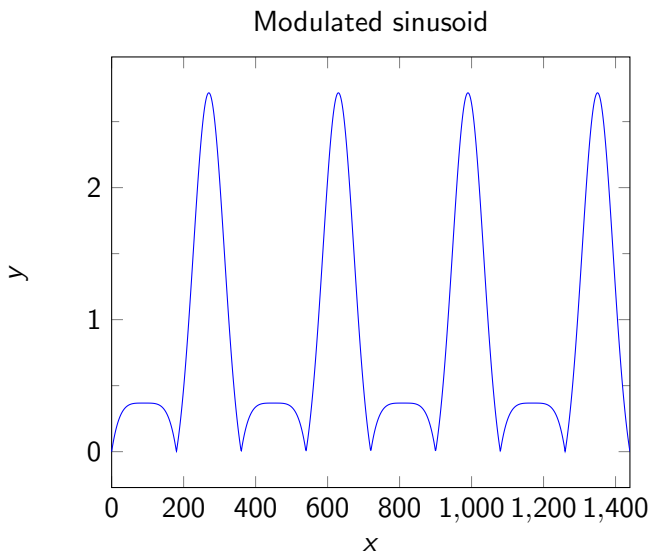


Figure: Example 2.5: Modulated sinusoid, using PGFPlots. Better sampled.

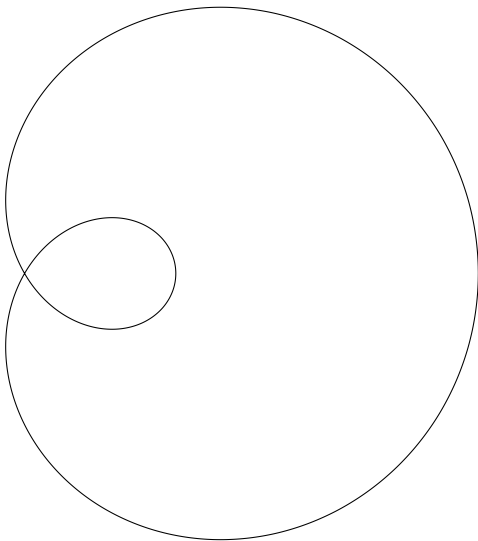


Figure: Task 2: Circle Concoid

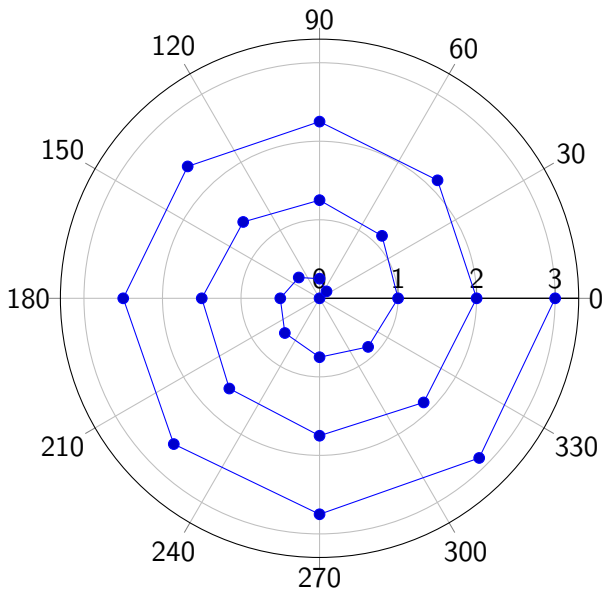


Figure: Example 3: Polar plotting

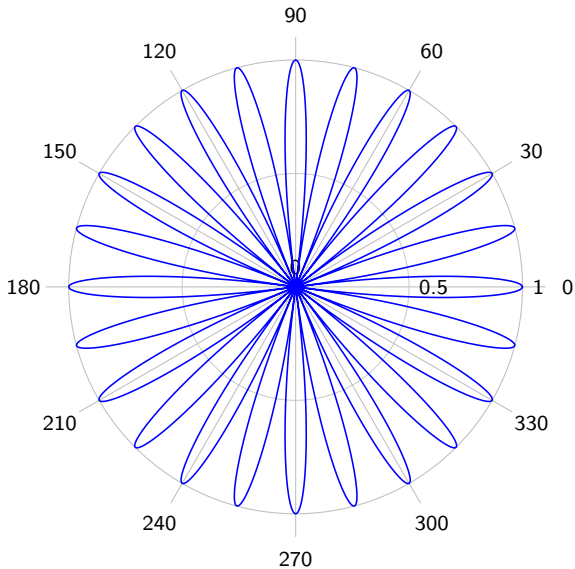


Figure: Task 3: Polar plotting

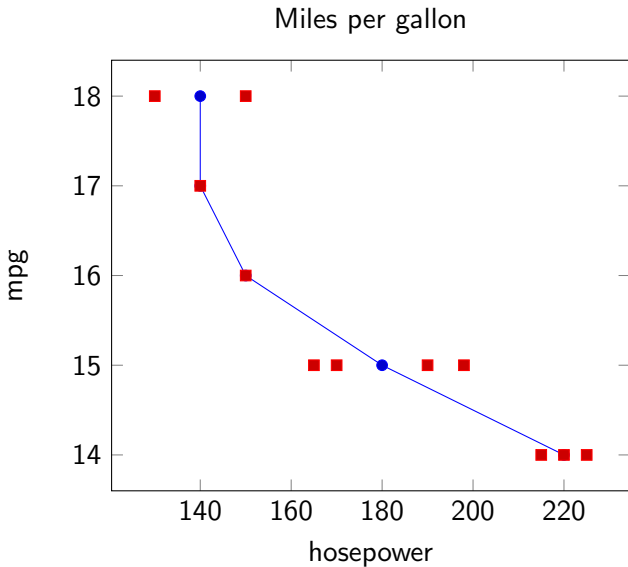


Figure: Example 4: Plotting datafiles, and coordinates.

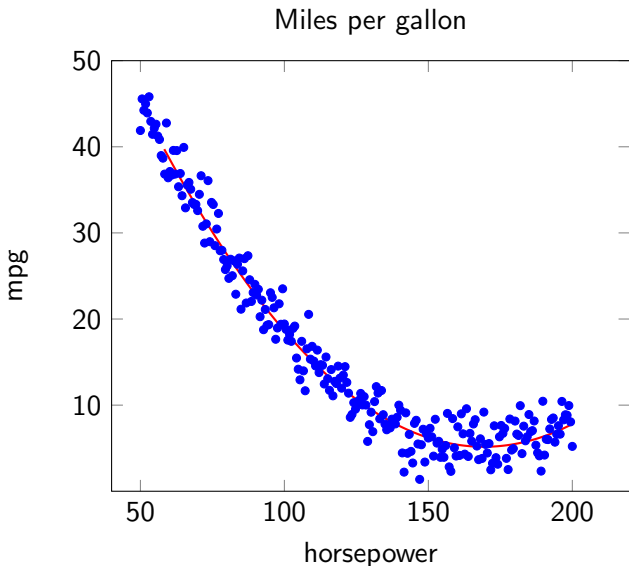


Figure: Figure 4: Plotting datafiles. Make sure to clean data, and regress it externally. Here, a 2nd degree polynomial function was fitted in R.