**Assignment 5**

**COS 702 Fall 2017**

The following amoeba-like domain is bounded by

Which is shown in Figure 1. Use various boundary points to reconstruct the curve and then approximate the area of the amoeba-like using Halton points.

Note: try to use different number of boundary to reconstruct the domain and then use different number of Halton points to estimate the area of amoeba-like domain.

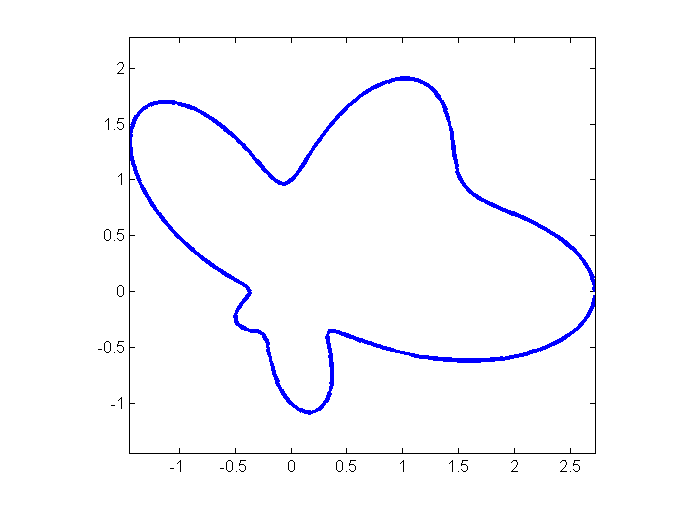


Figure 1: Amoeba-like domain.