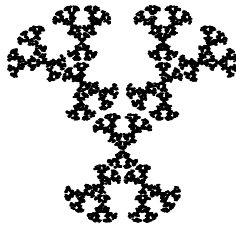


Second homework set

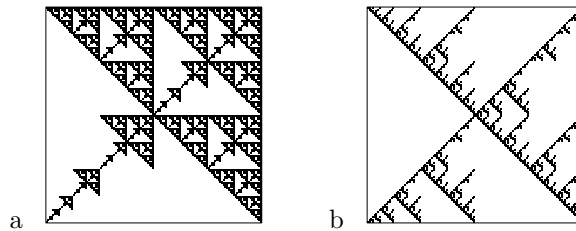
Due at the beginning of class on Thursday, Sept 20. No late homework will be accepted.

Fold your homework paper vertically and PRINT your name on the outside.

1. Find IFS rules for this fractal. You may want to measure the pieces to find the scaling factors (use the cm scale), and use a protractor to measure the angles. Place the origin at the center of the image.



2. Draw the transition graphs for these IFS with memory images. Explain how you arrived at your answer. Your explanation should include a list of forbidden length 2 addresses.



3. Draw the transition graphs for this IFS with memory image. Show it can be generated by an IFS without memory. Your reason should include a list of romes and explicit demonstration of the conditions. Write the IFS table.

