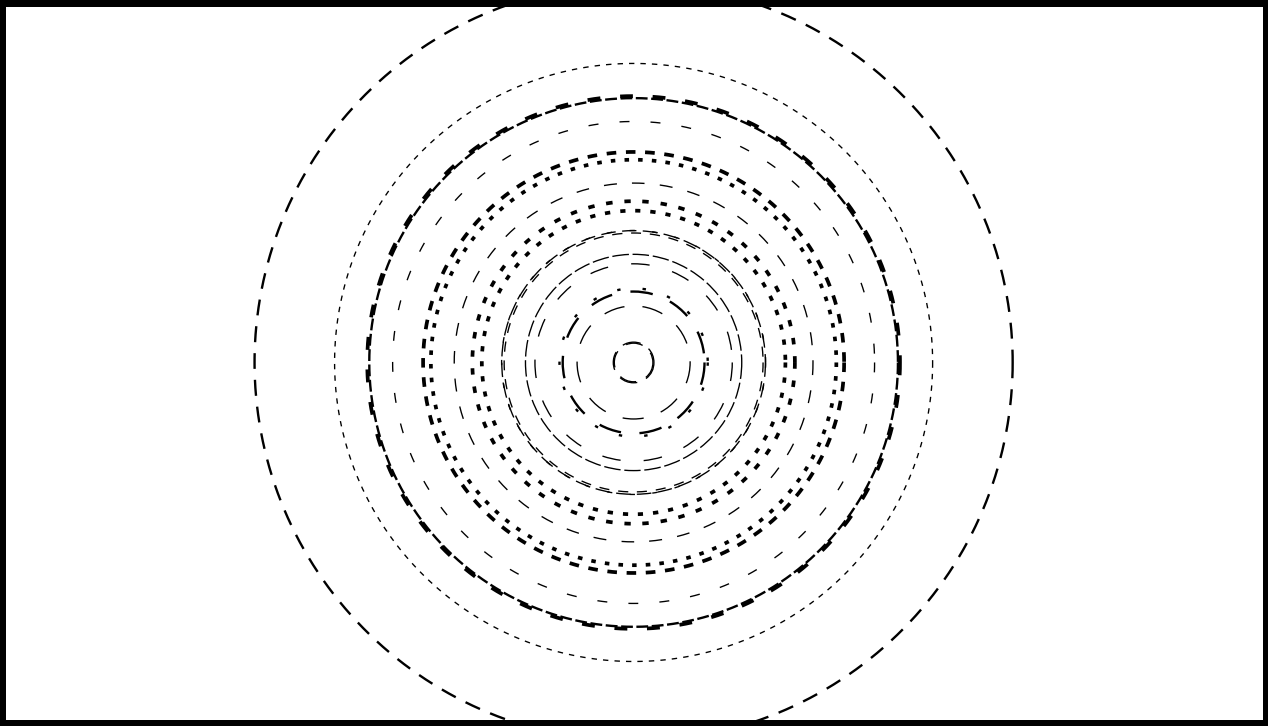
INCOPREA RESEARCH

EDITION 4.0



One Hundred and Fifty-Two Plates

BLACK AND WHITE COMPOSITIONS

38 PROCEDURES

How this book was made

Every plate was computed from a distinct procedure — 38 of them — and each was run four times with different seeds, densities, scales and phases.

Edition 4.0 was edited against contact sheets. Every plate was laid out at thumbnail size and reviewed in sequence, which is the only way duplication becomes visible. Six variations per procedure had produced visible repeats: squarespiral appeared six times with barely a difference, subdivision four times, dotgrid four, and three separate wave procedures overlapped. Each procedure is now capped at four plates, and the near-duplicates are gone.

Pure vector, black on white, 210 mm square.

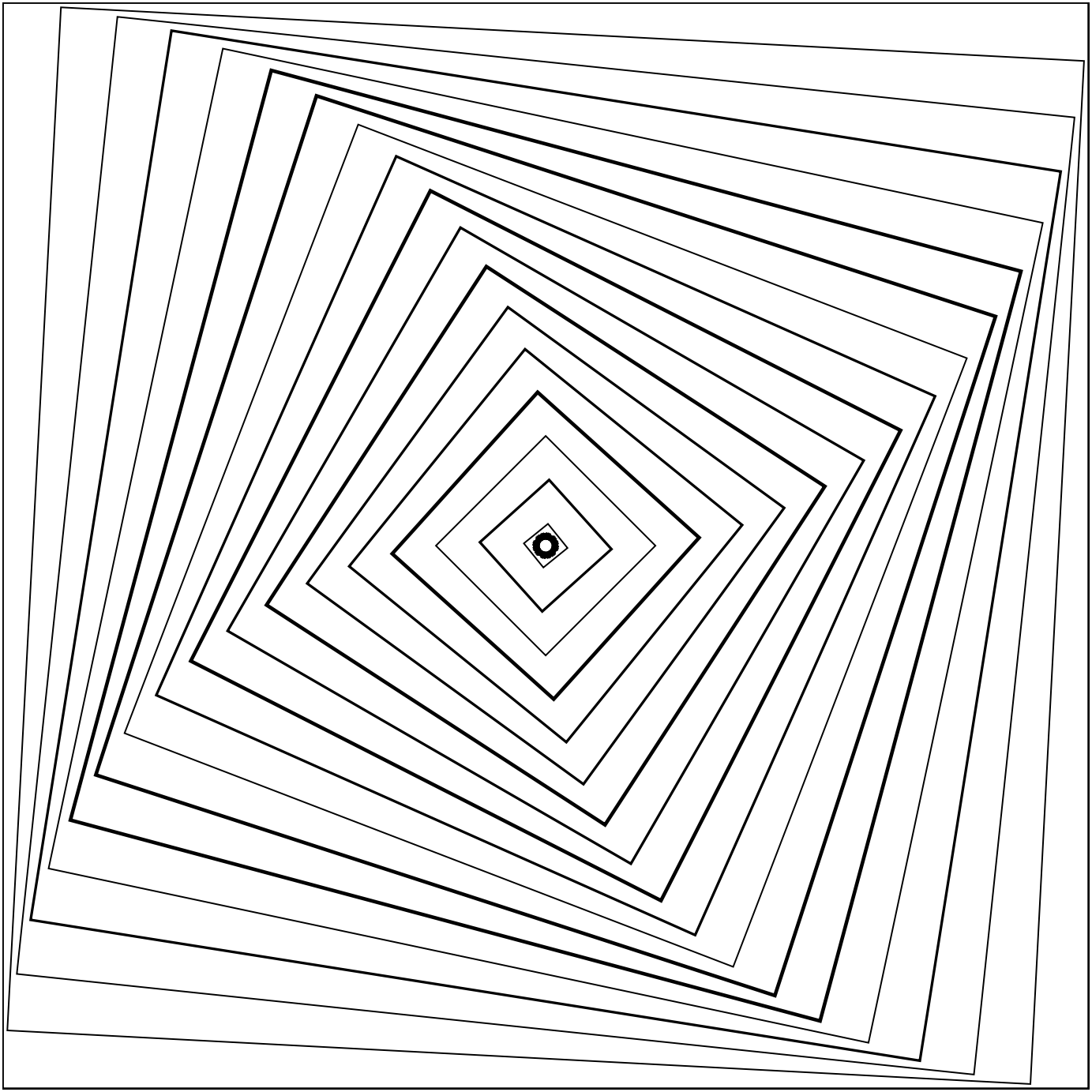
On variety

An image is interesting when the eye cannot finish it in one pass. Three levers produce that: **scale**, **direction**, and **interruption**.

The commonest failure in generated design is cosmetic variation — the same grid in eight rotations. It looks like variety on a contact sheet and like repetition in a book. That is exactly what the contact-sheet edit removed.

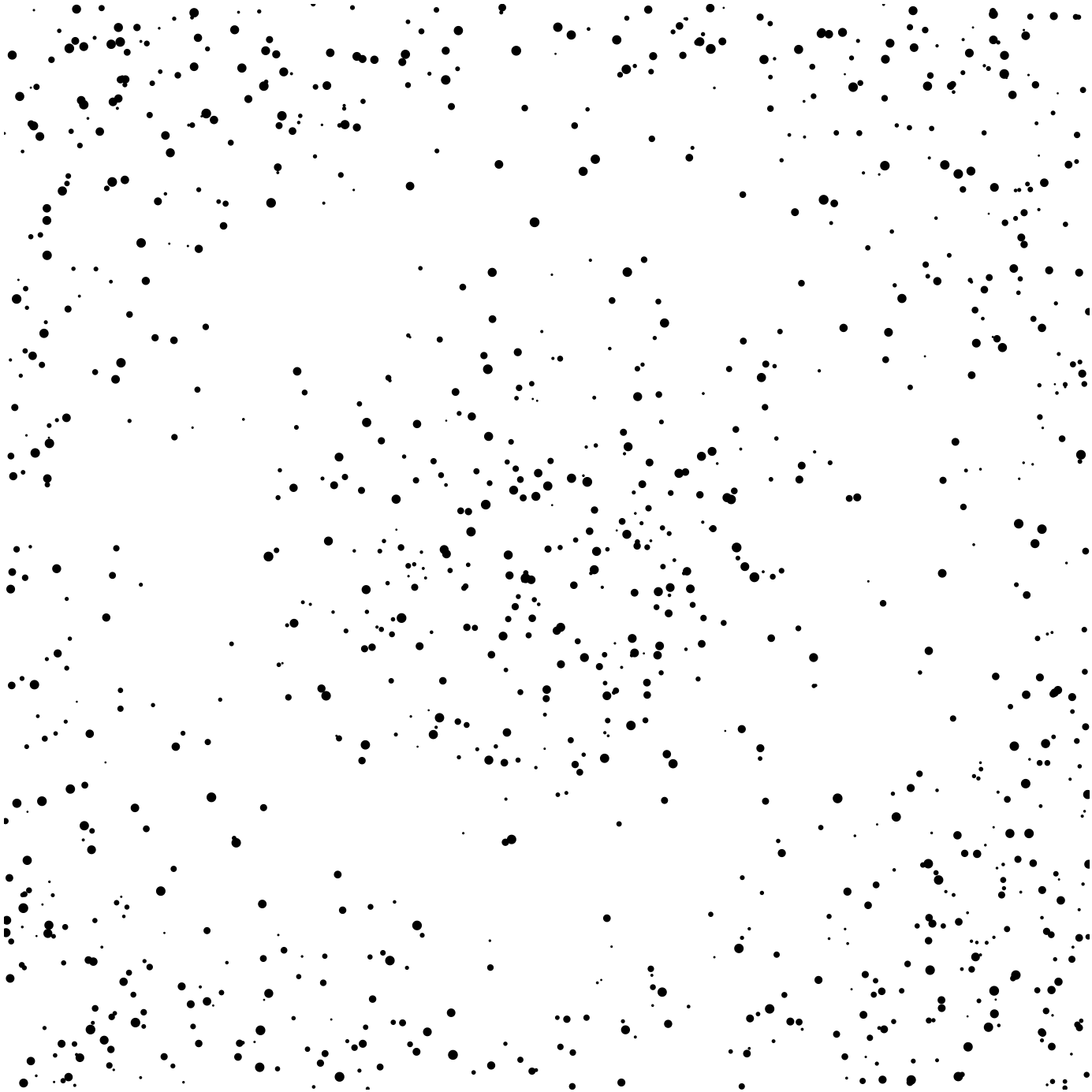
The procedures

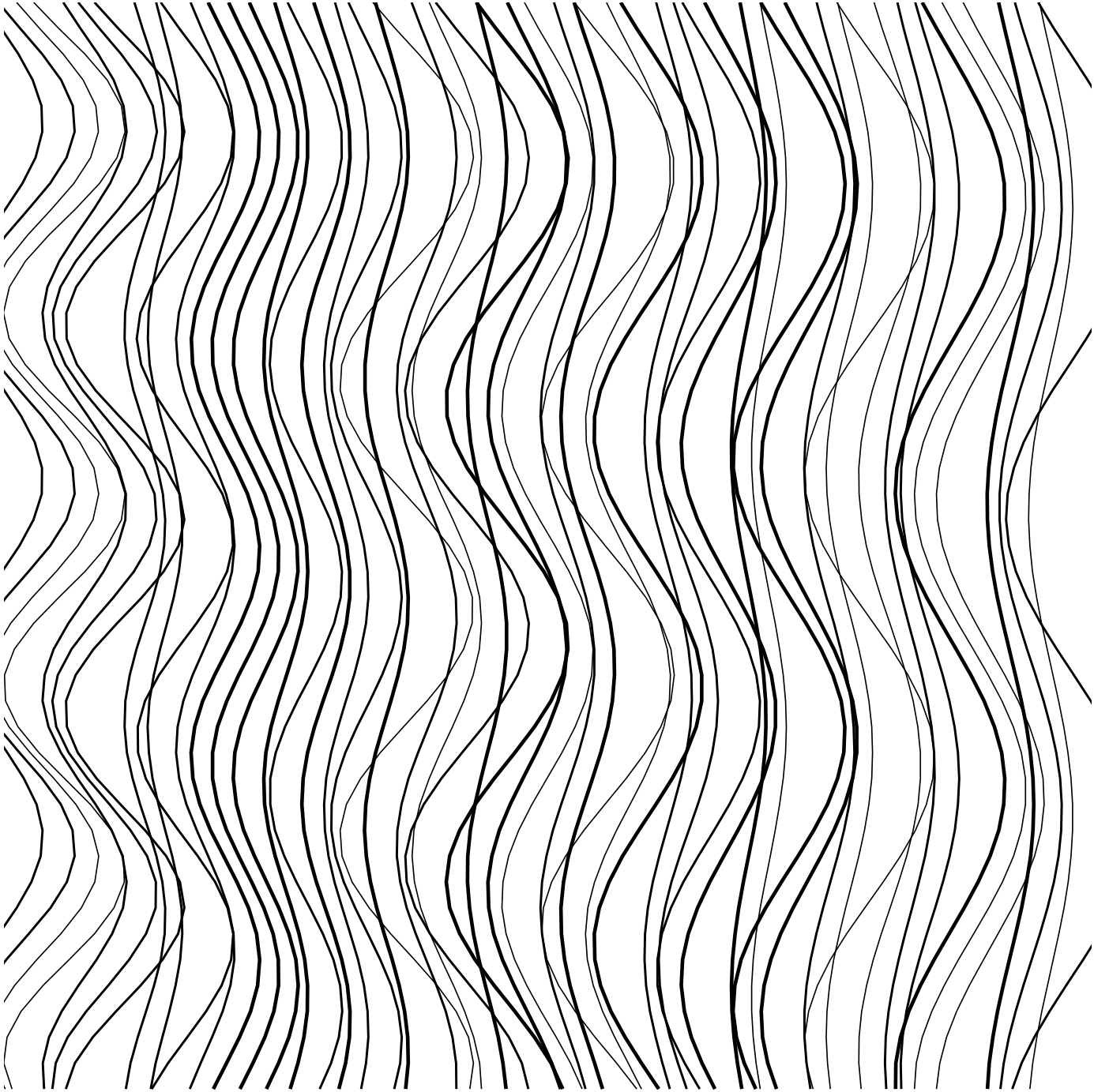
arcs
branching
burst
concentric
contour
dashrings
diamonds
dotgrid
flowfield
grain
halftone
hatch
hexgrid
interference
lattice
maze
moire
nestedsquare
packing
polar
polyrings
radialdots
recursivecircles
ribbon
rings
shatter
spiral
squarespiral
stars
stipple
stripes
subdivision
swirl
triangles
truchet
walk
wavelines
waves

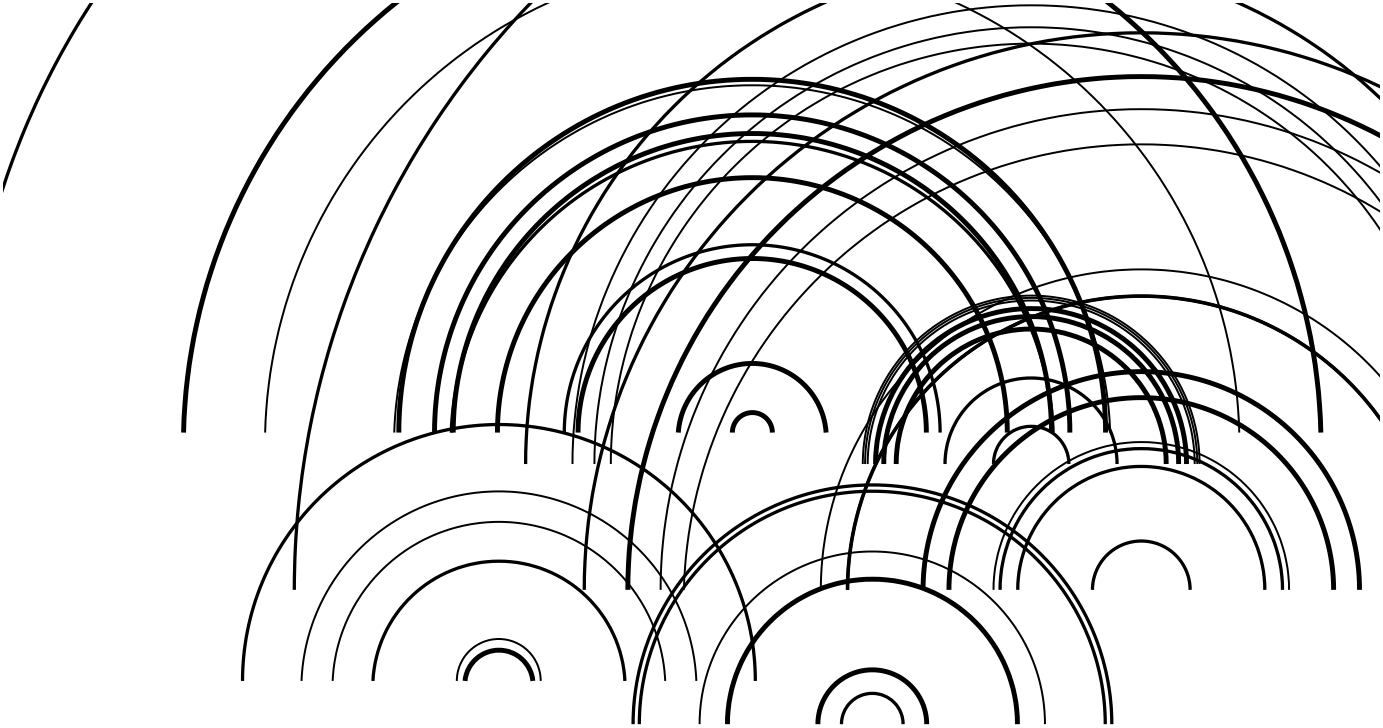


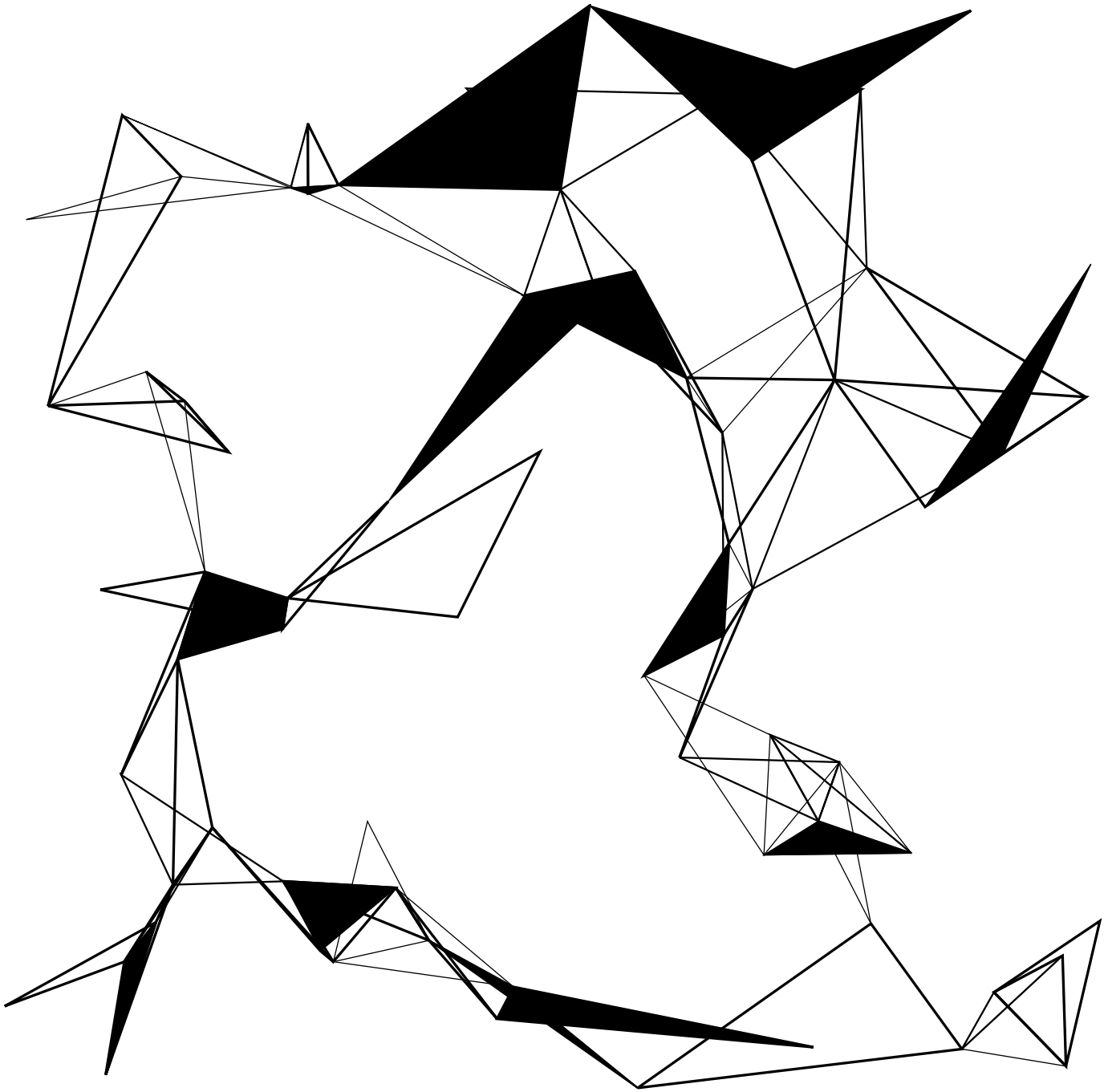
SQUARESPIRAL

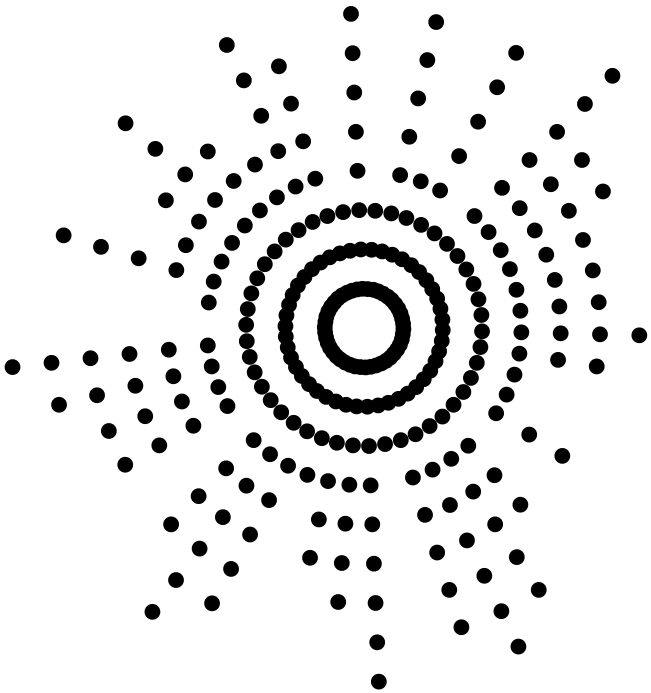
001

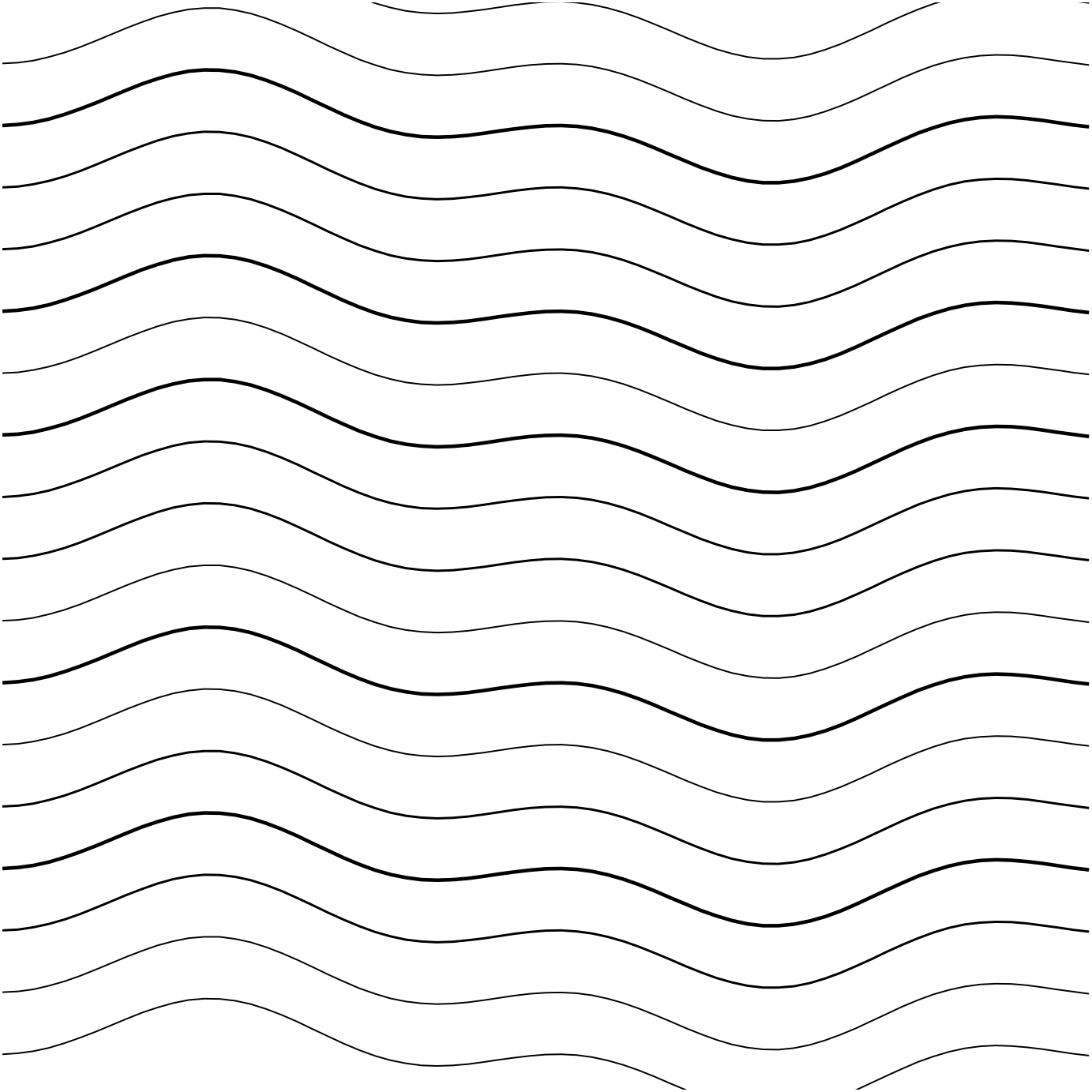


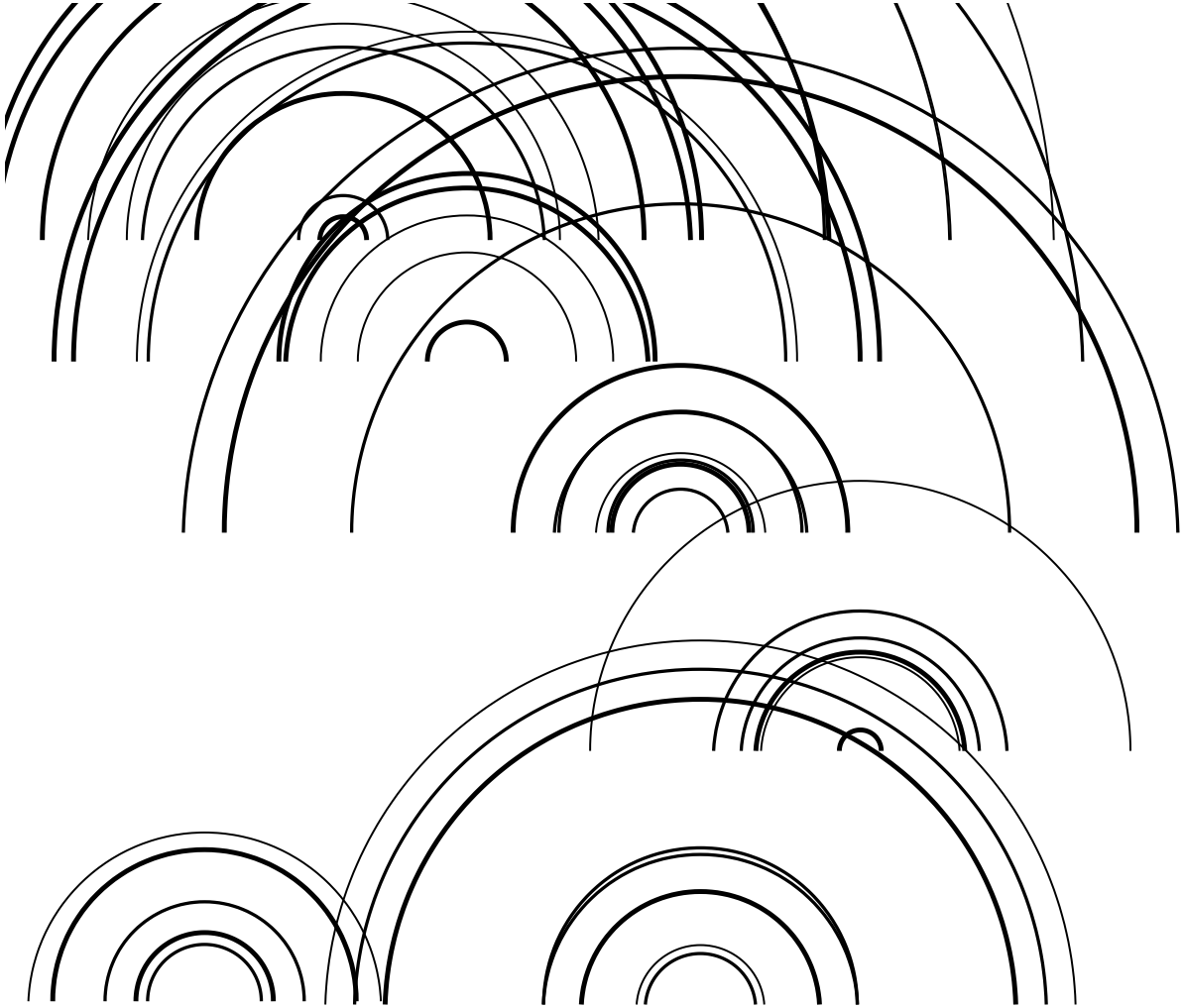


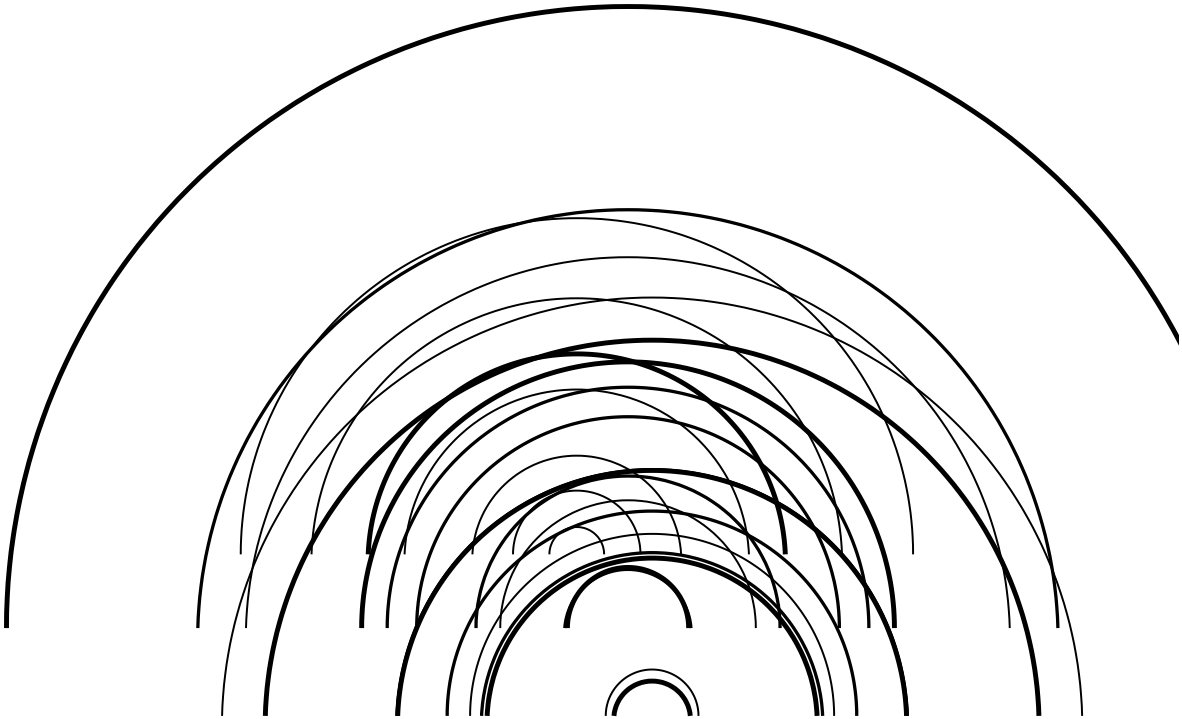


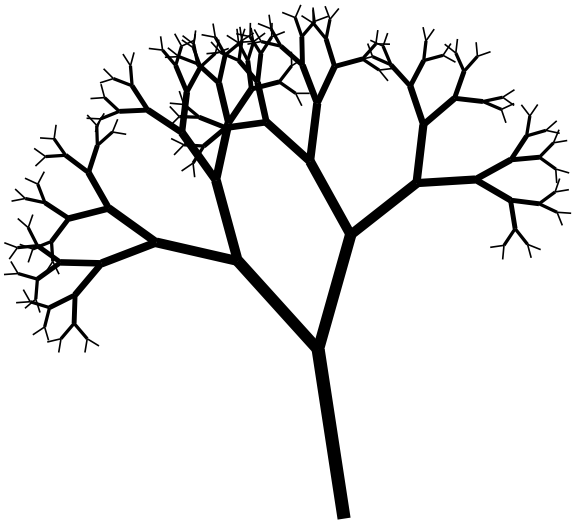


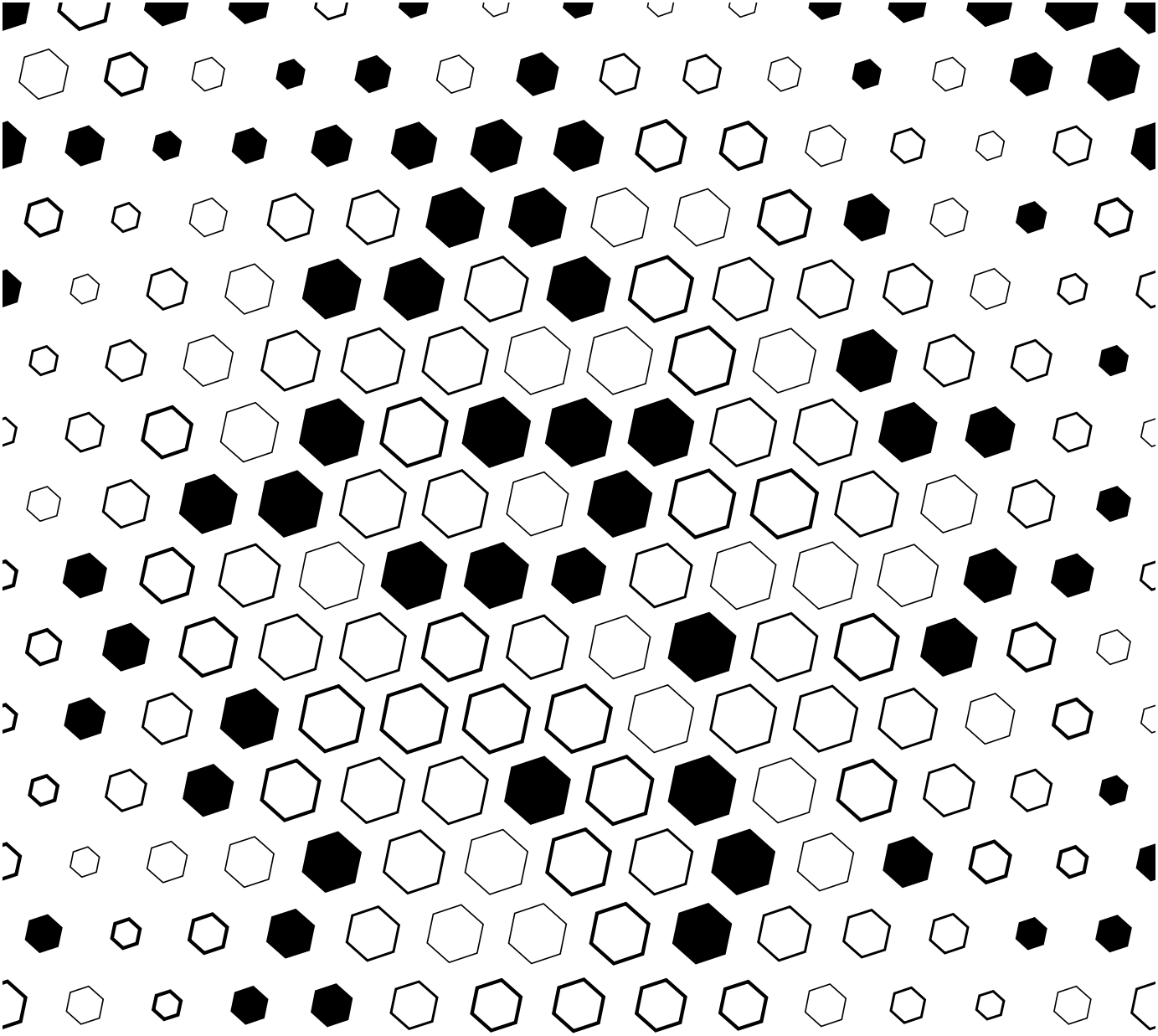




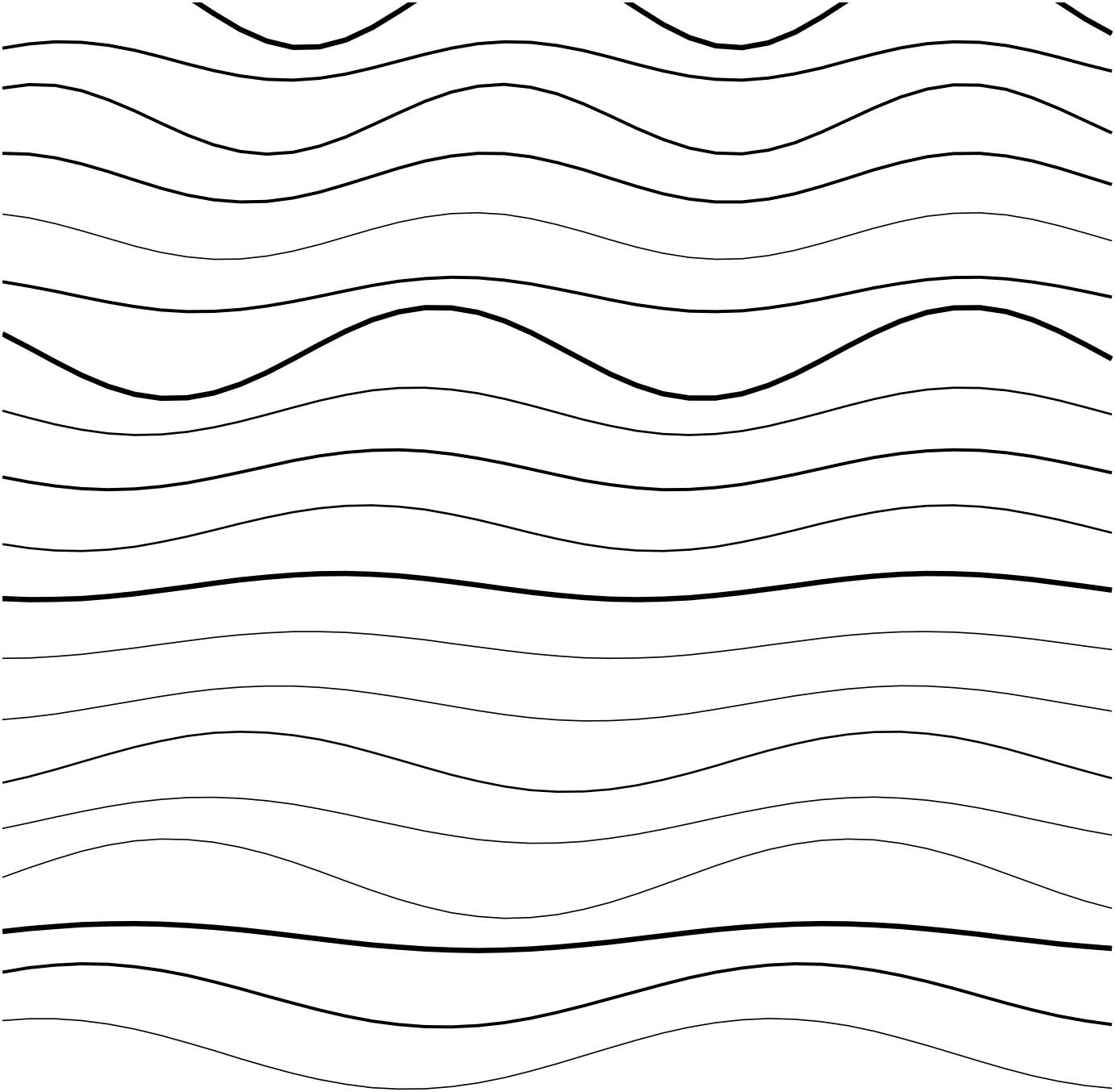


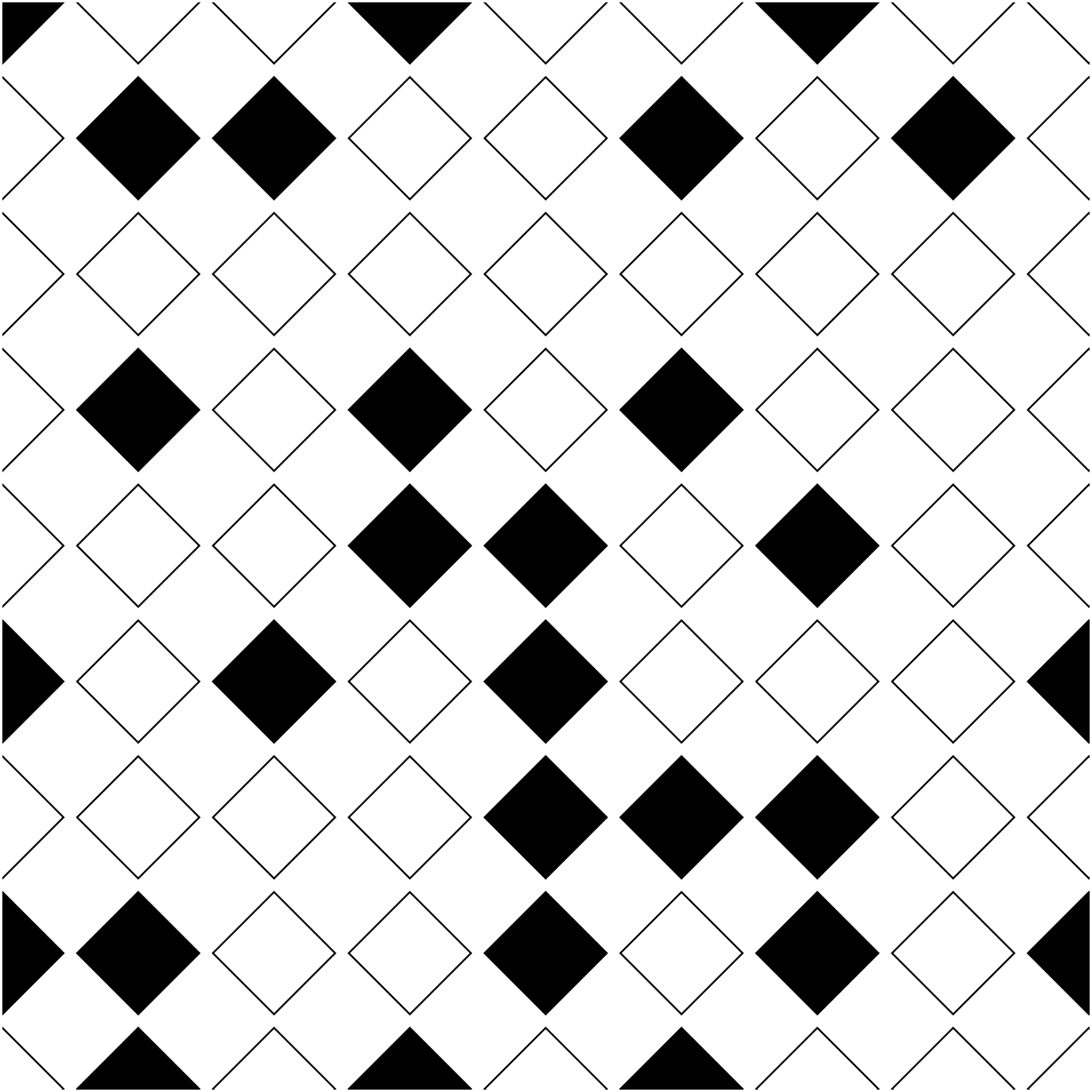


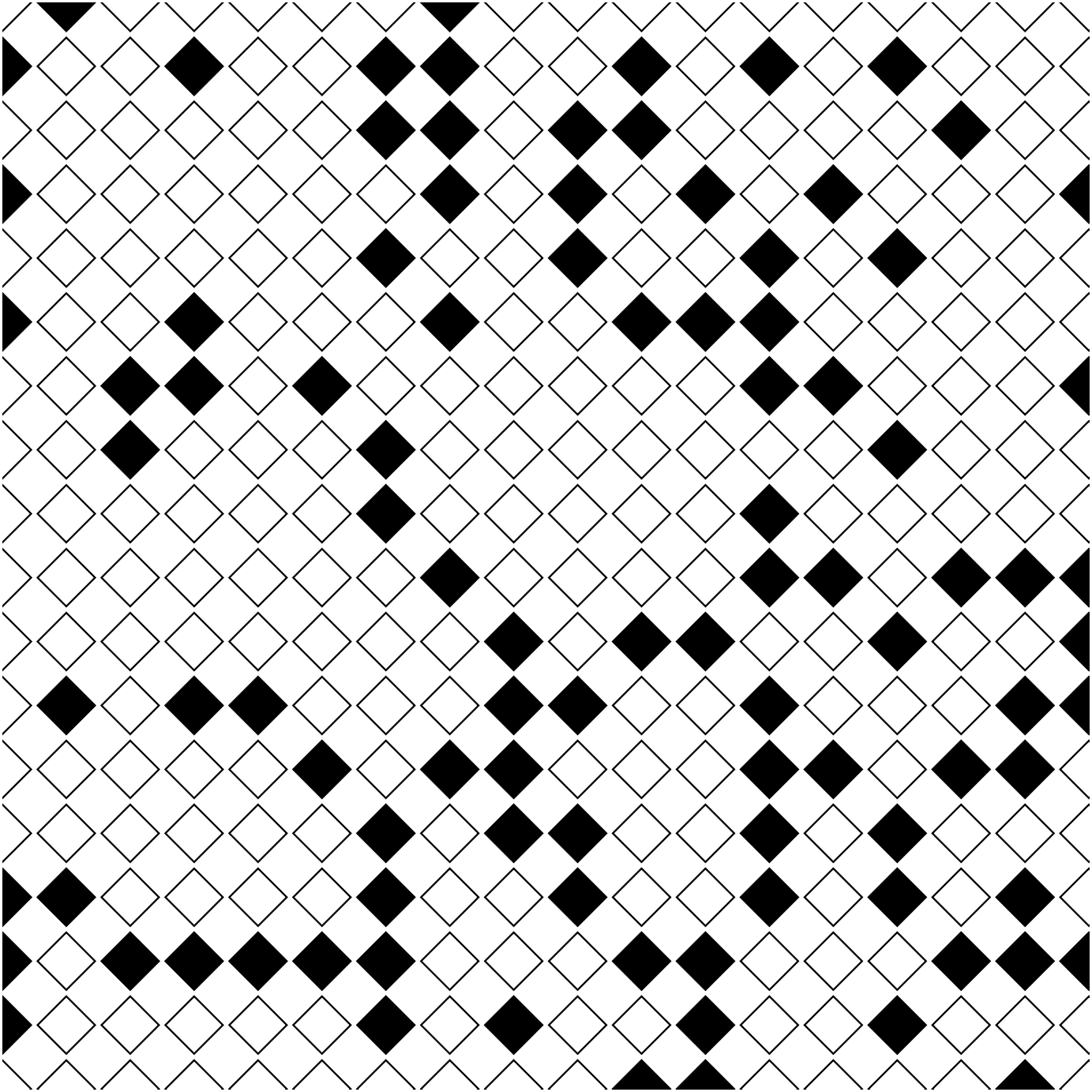


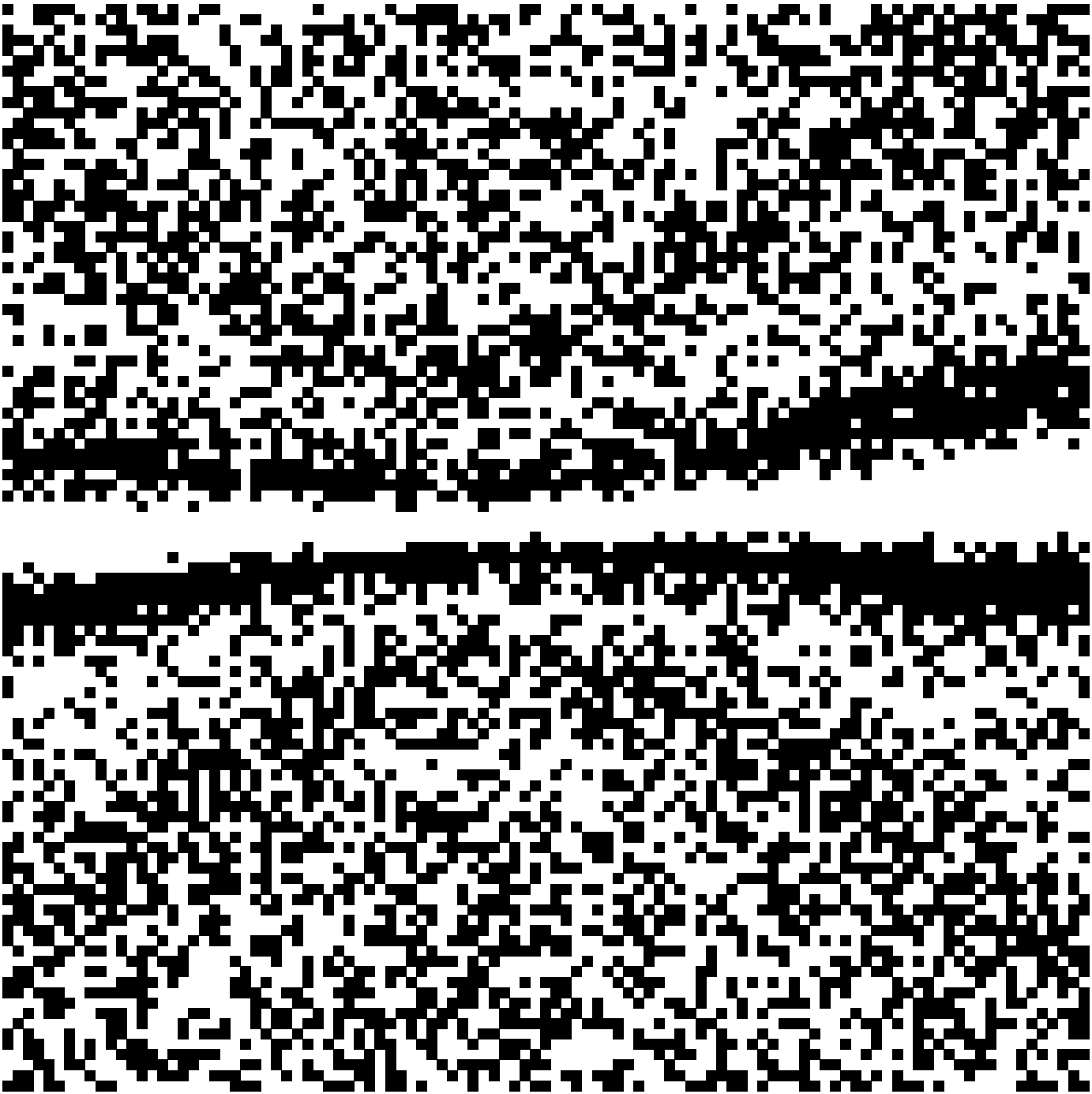


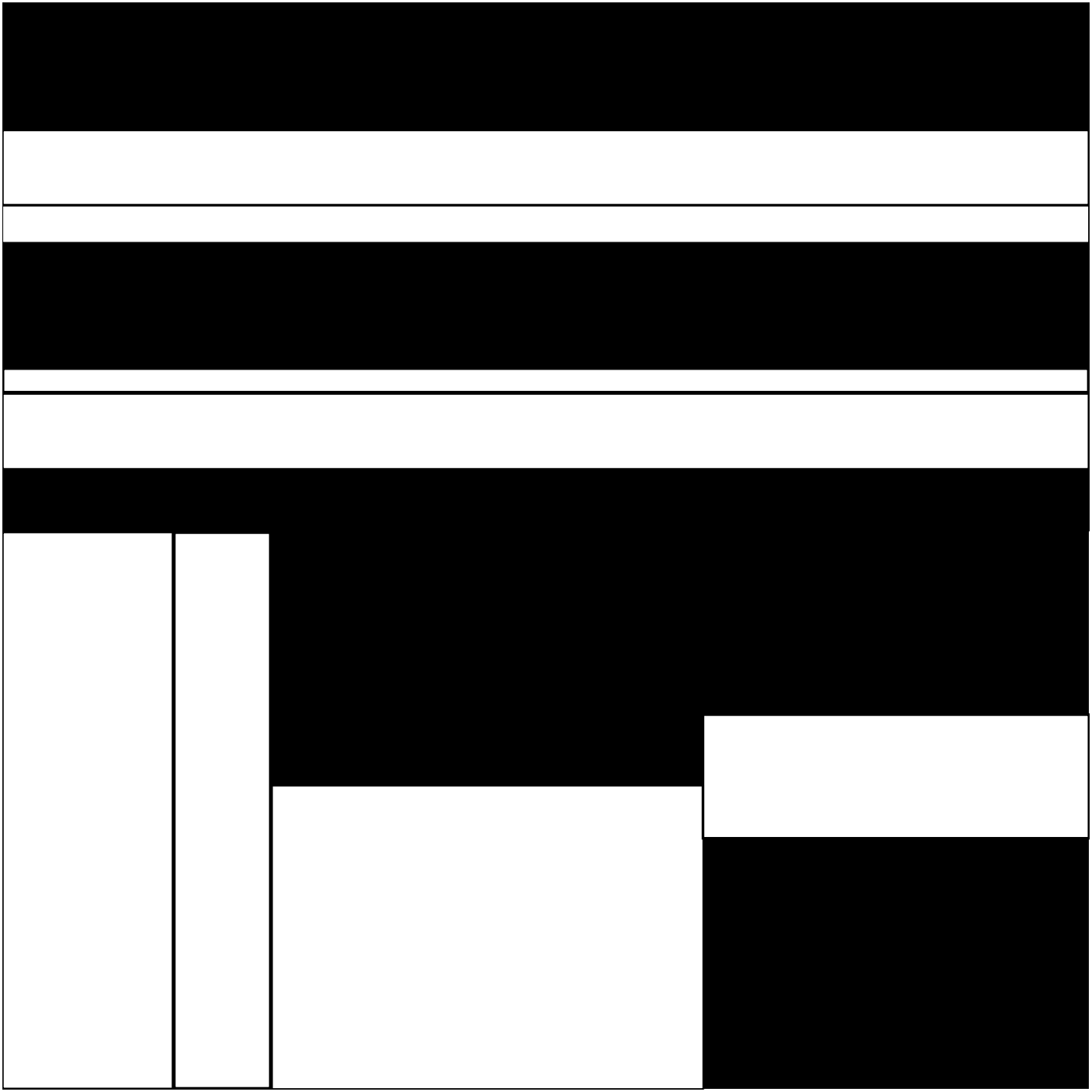


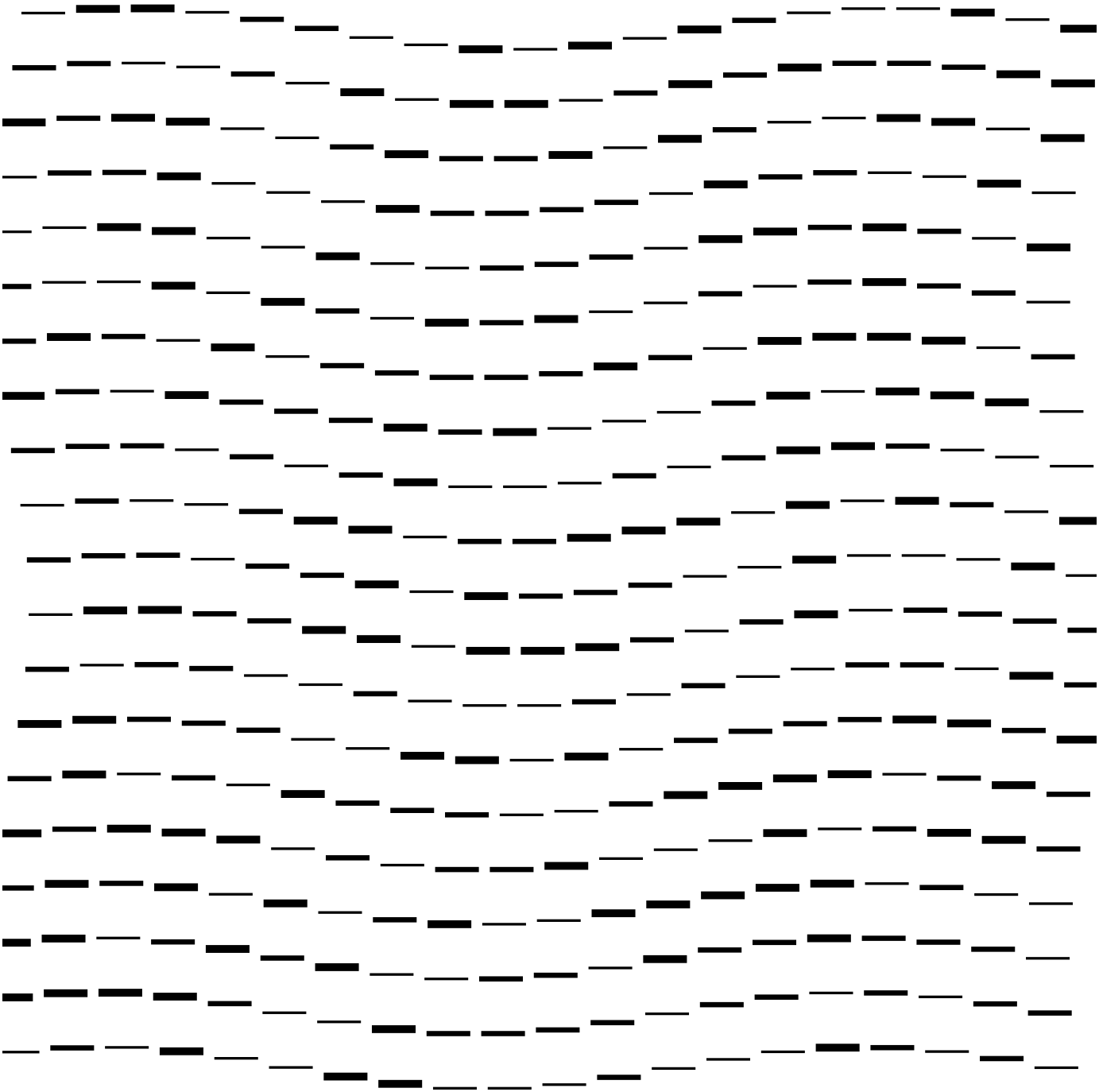


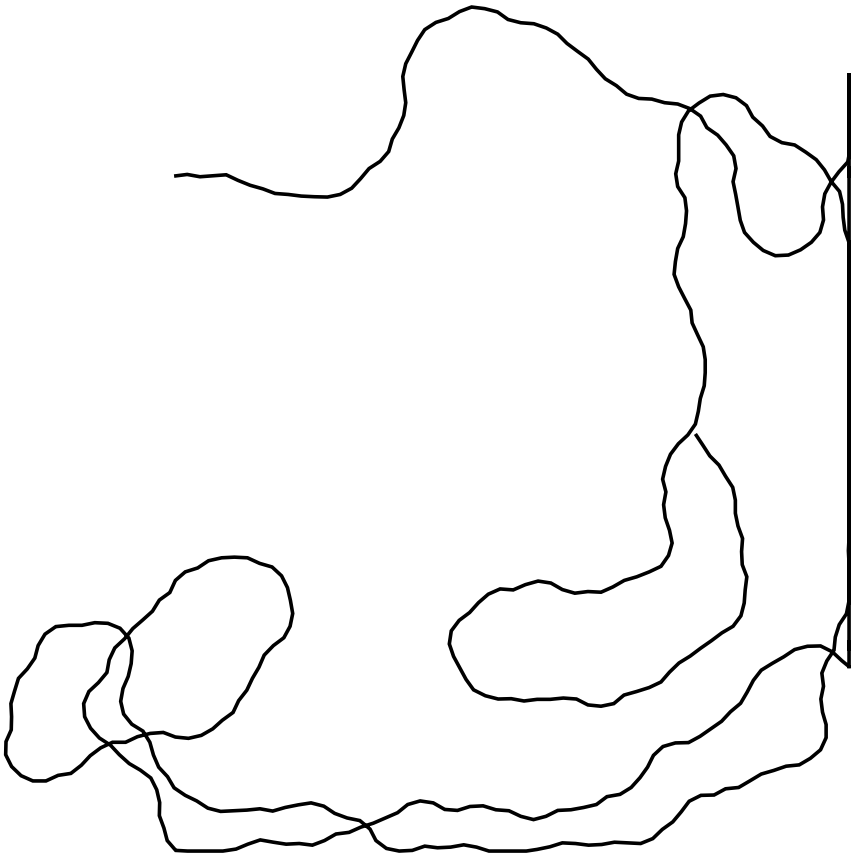


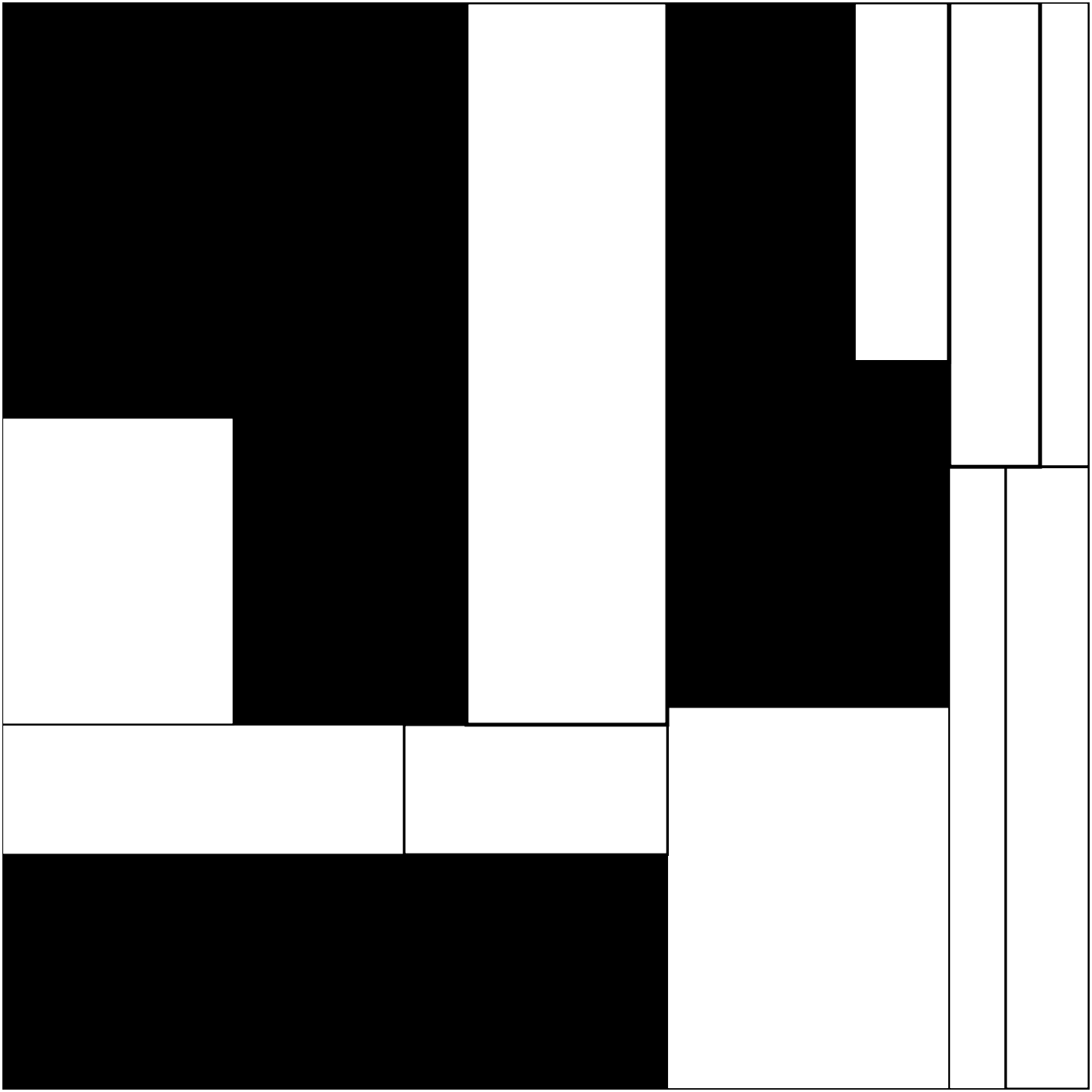


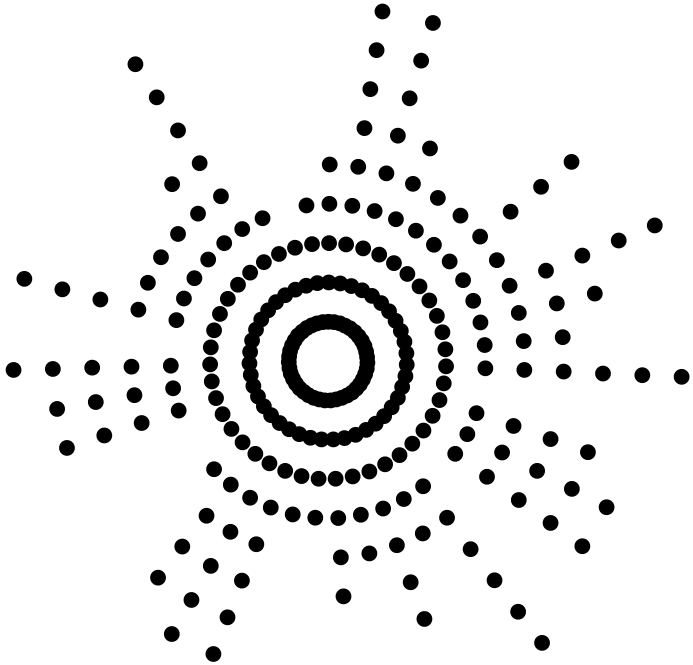


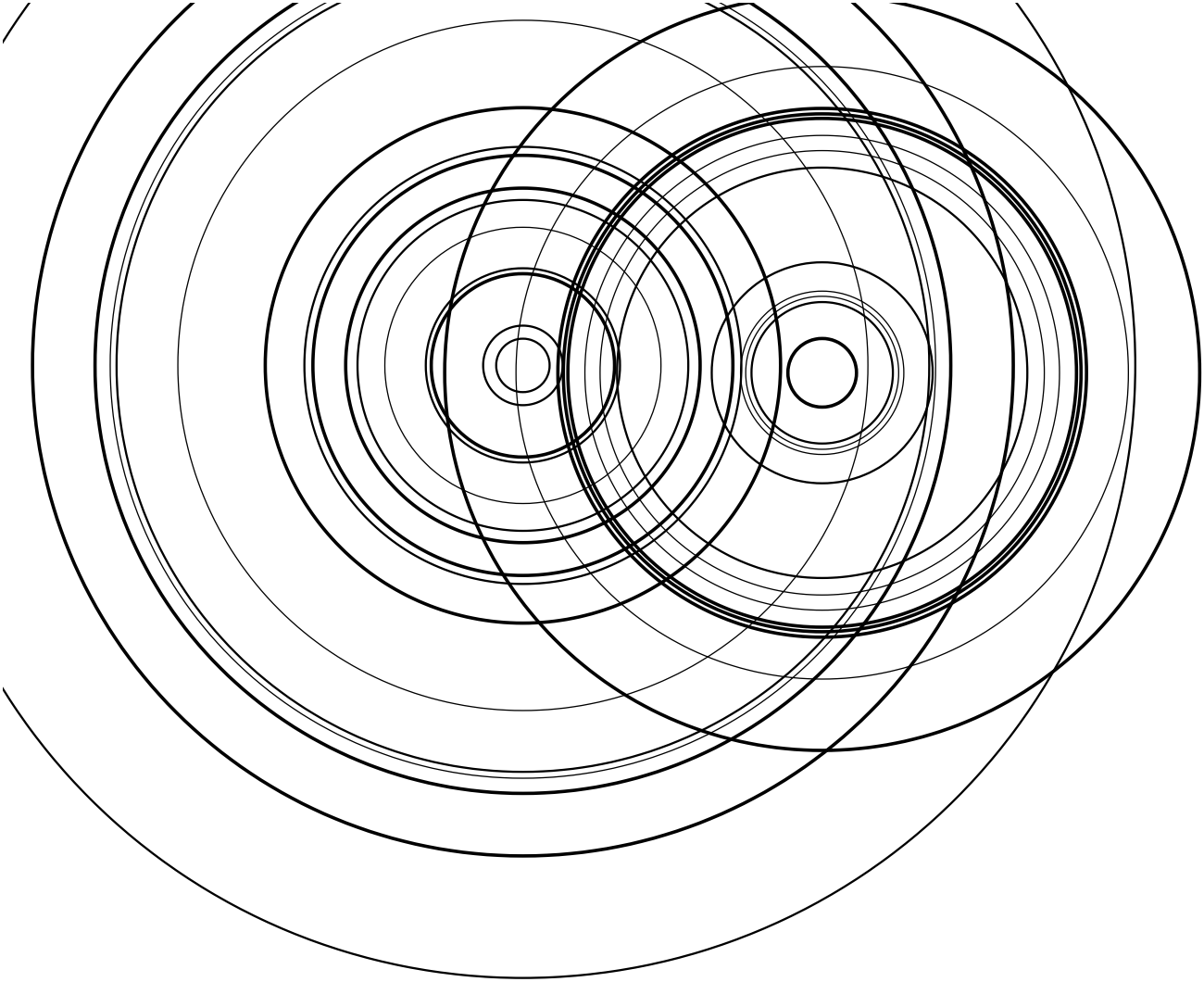


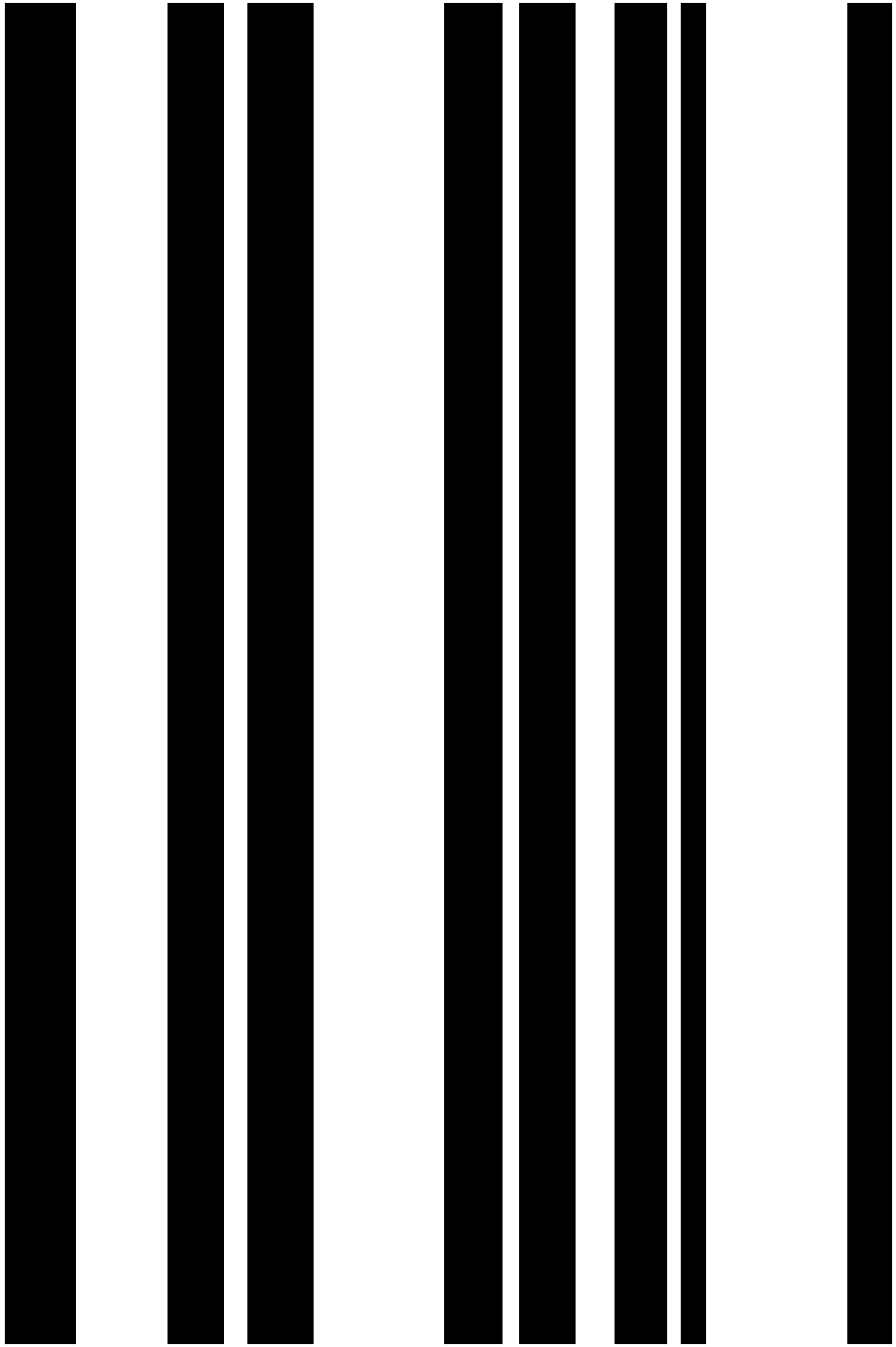


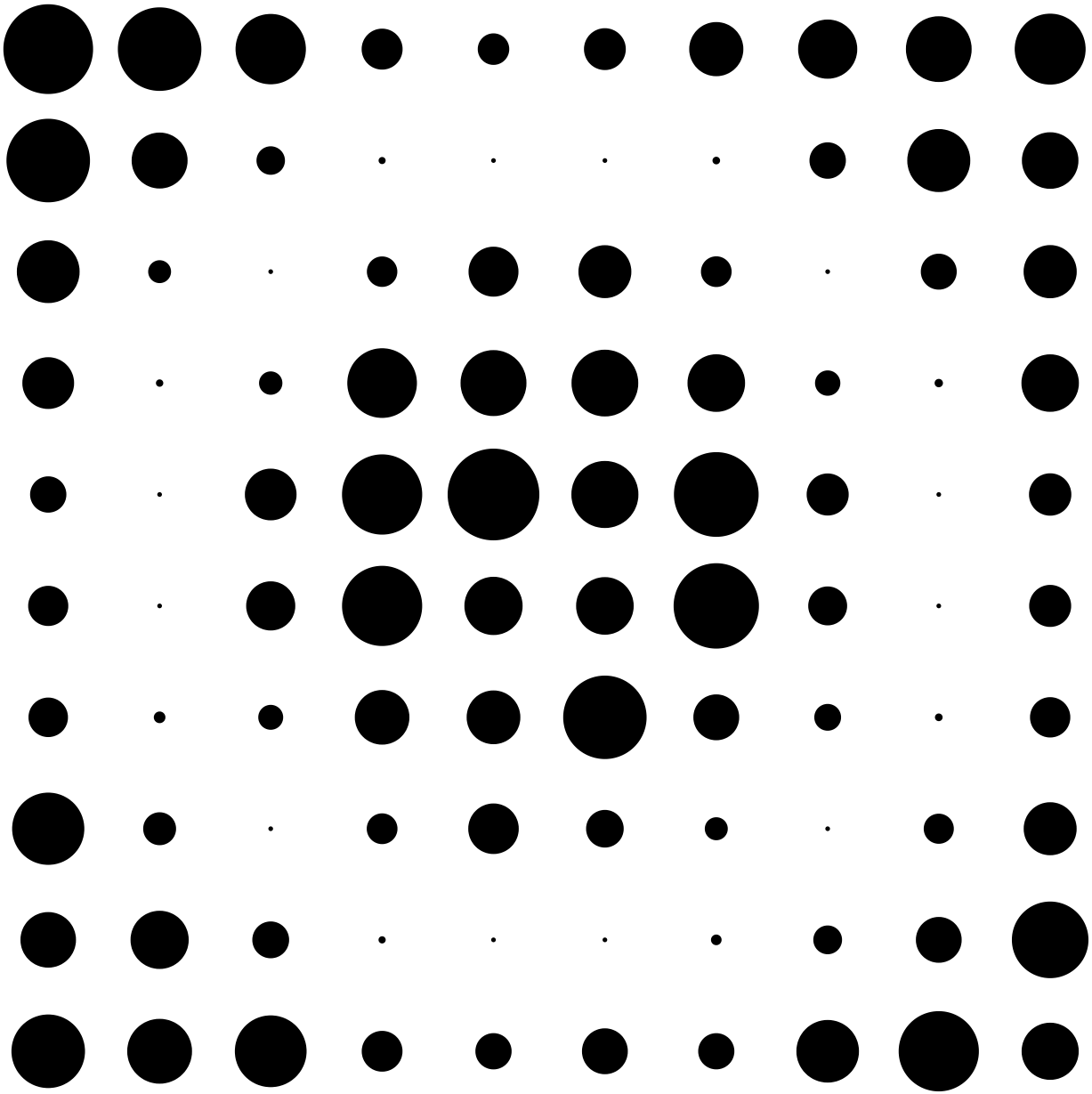


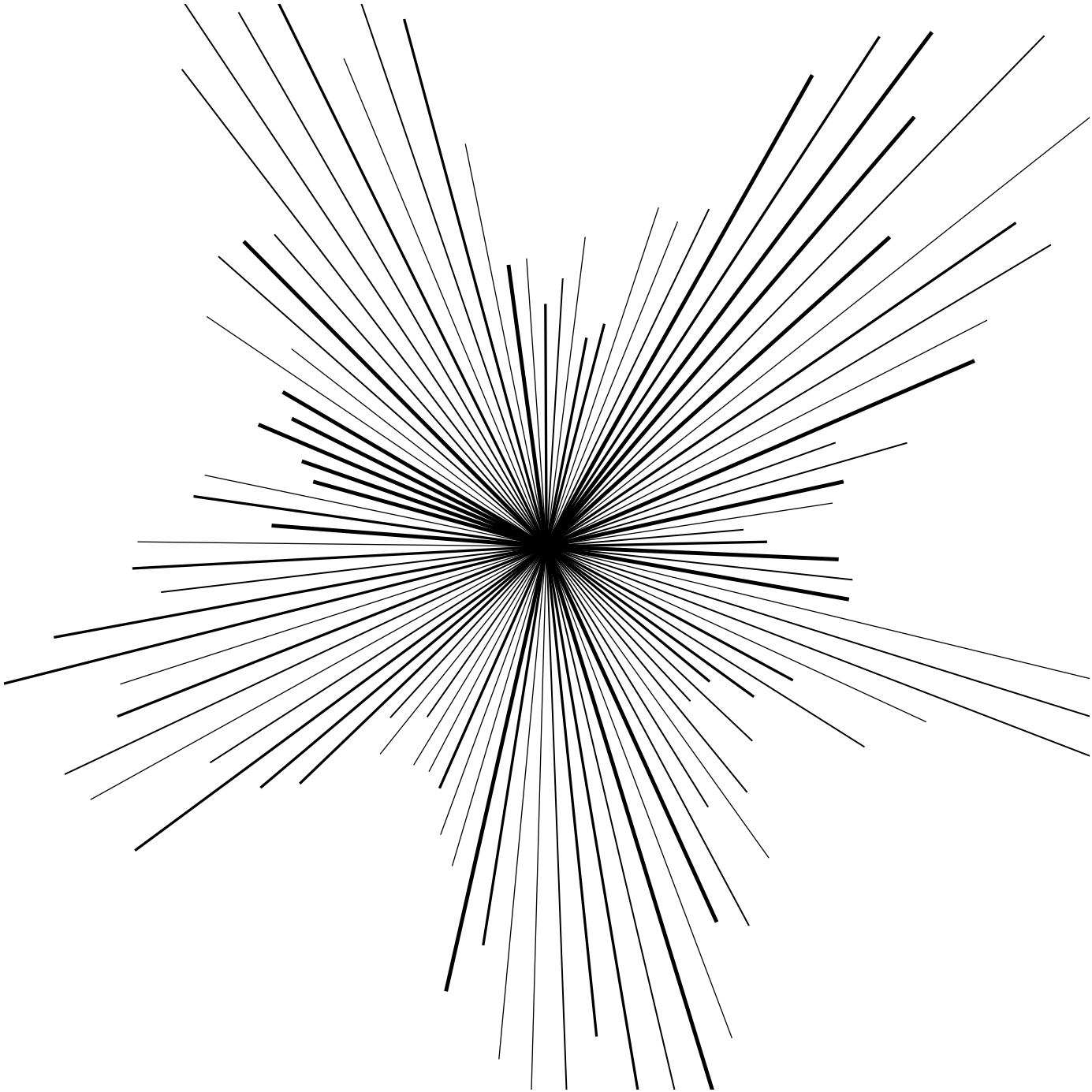


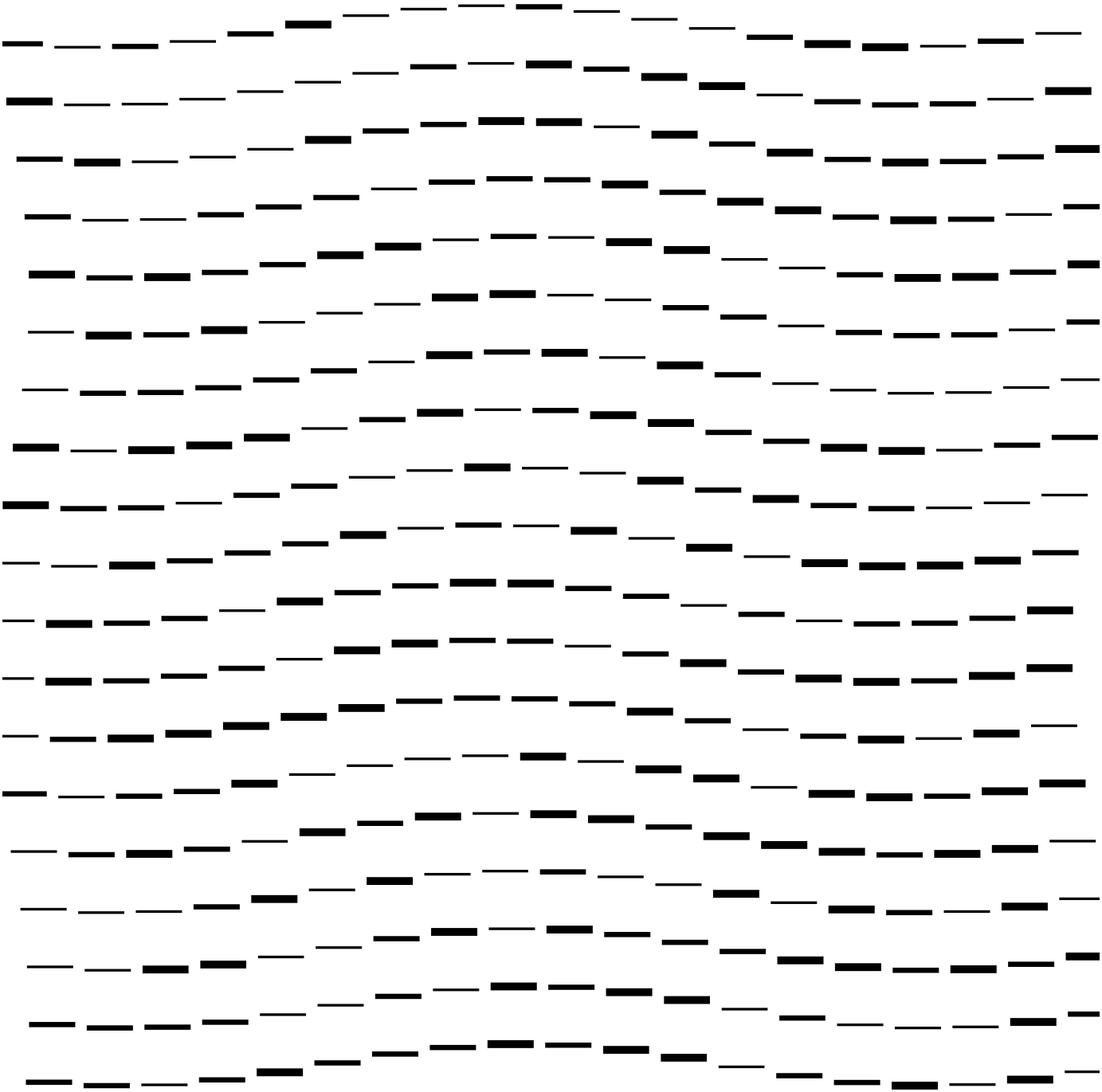


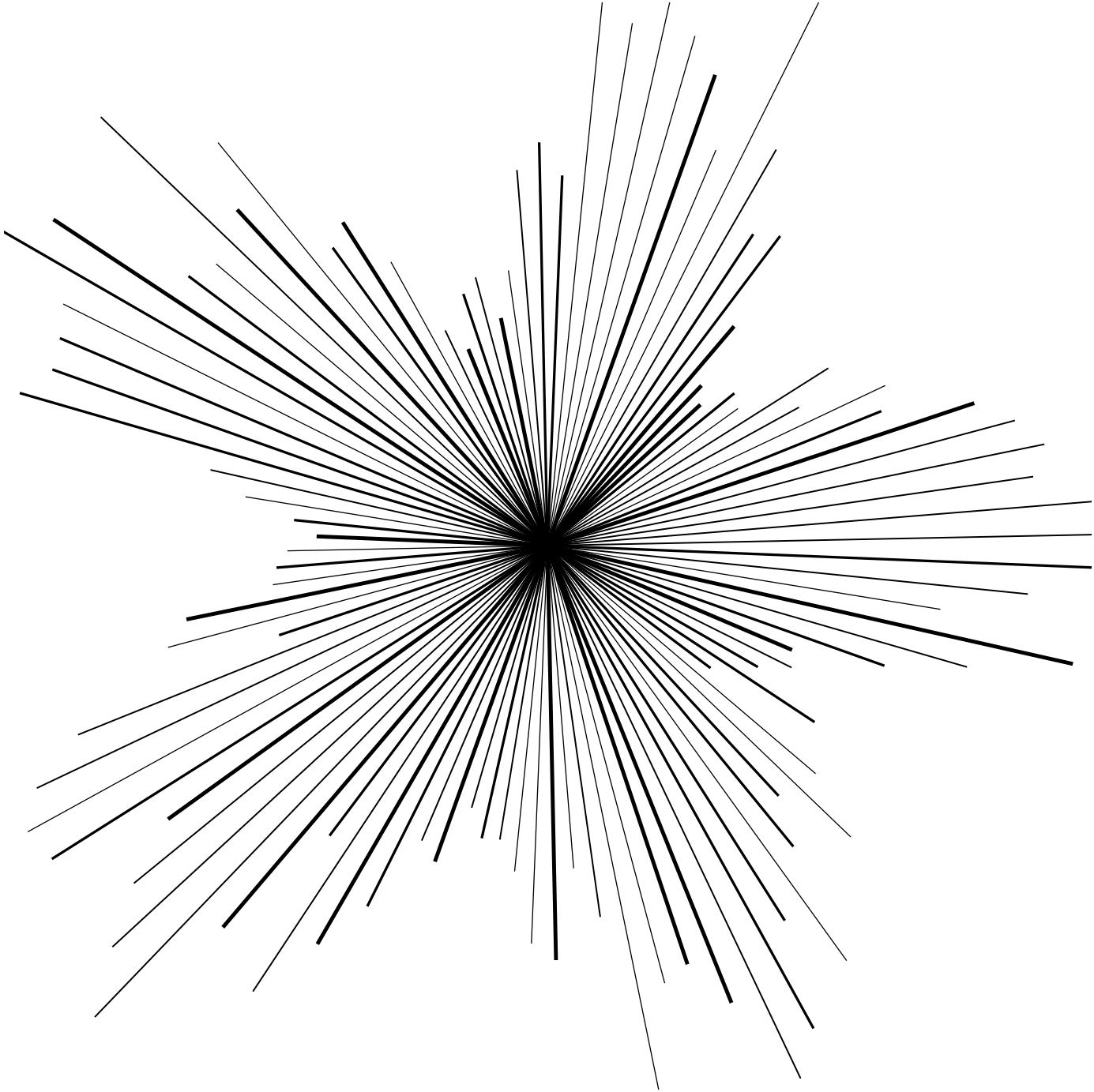


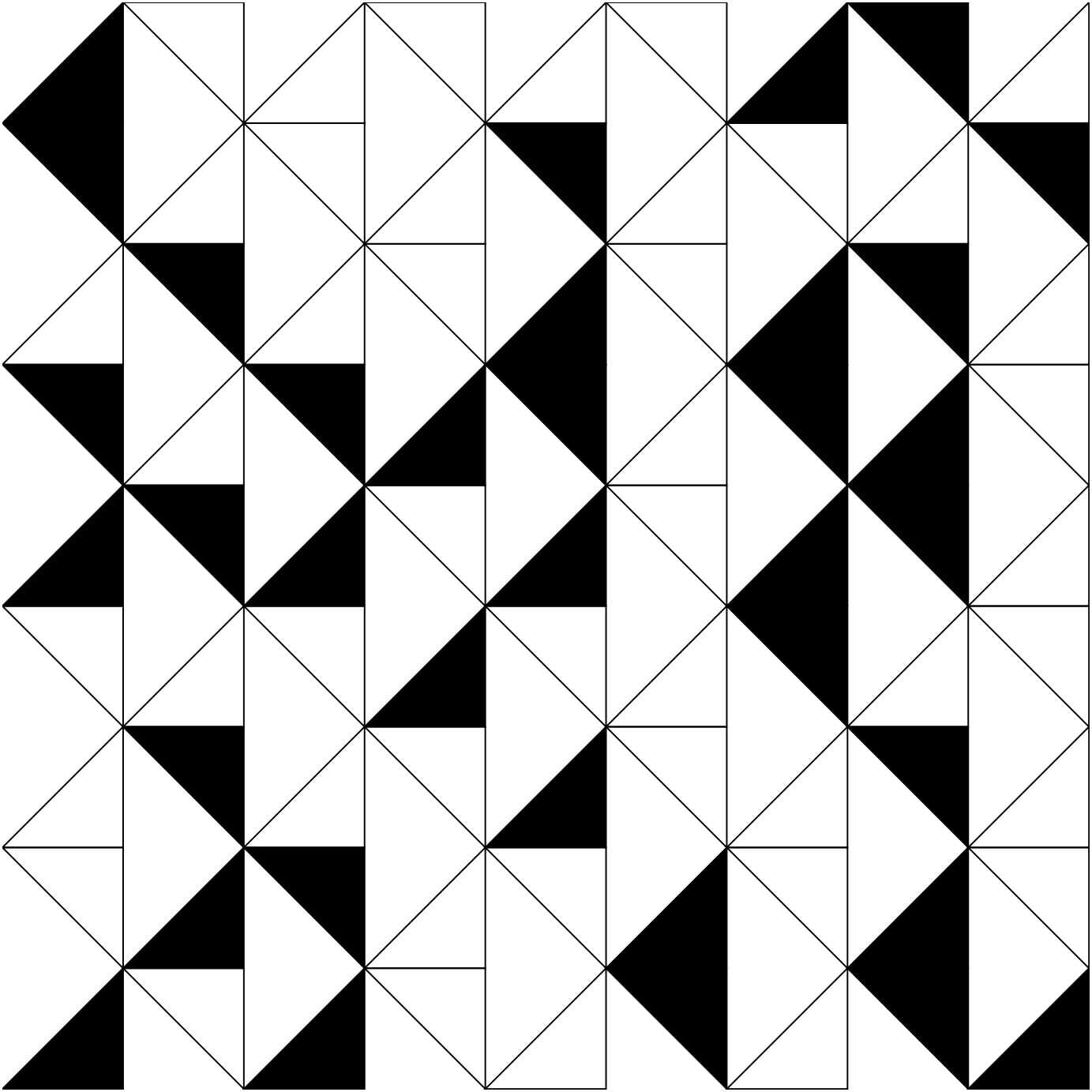


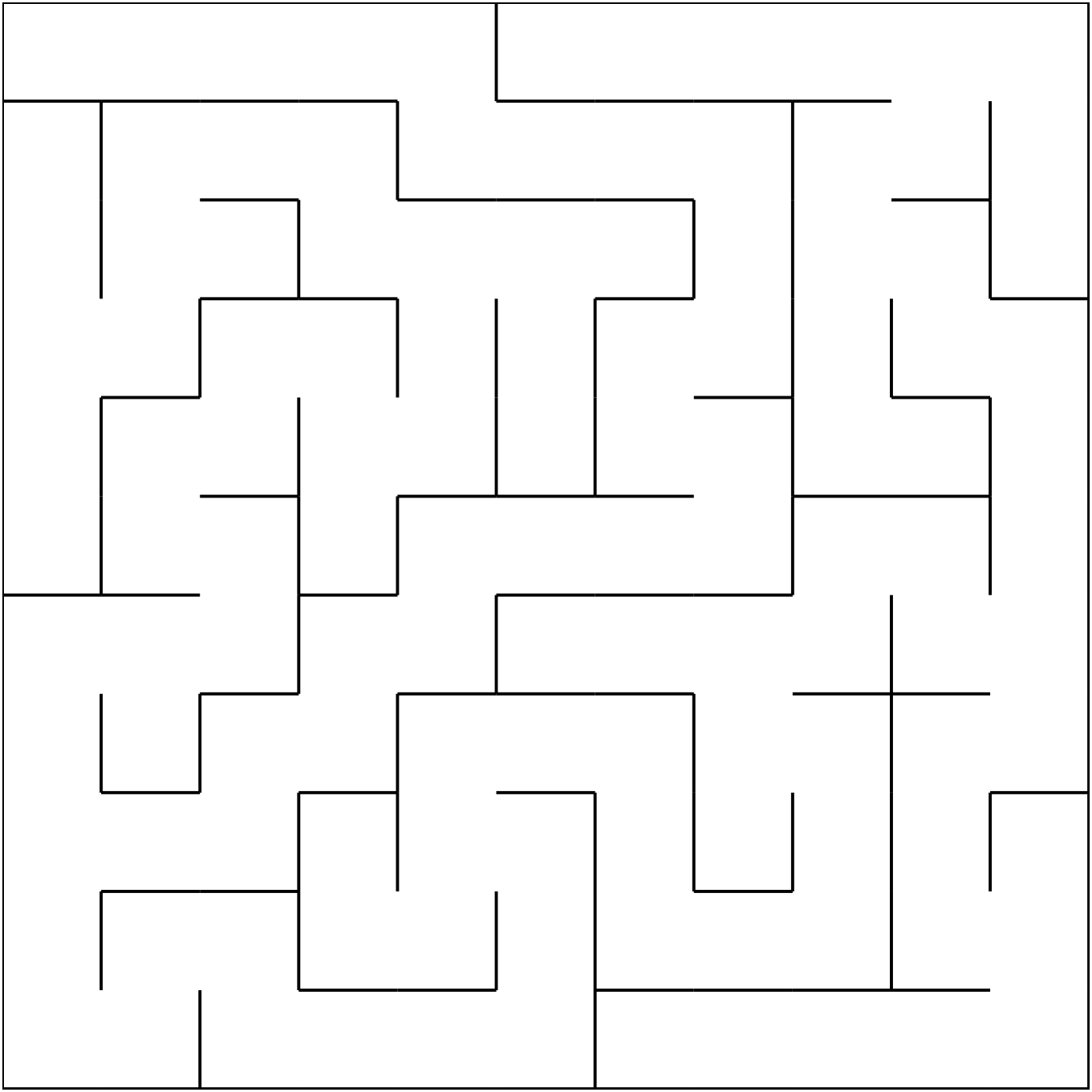


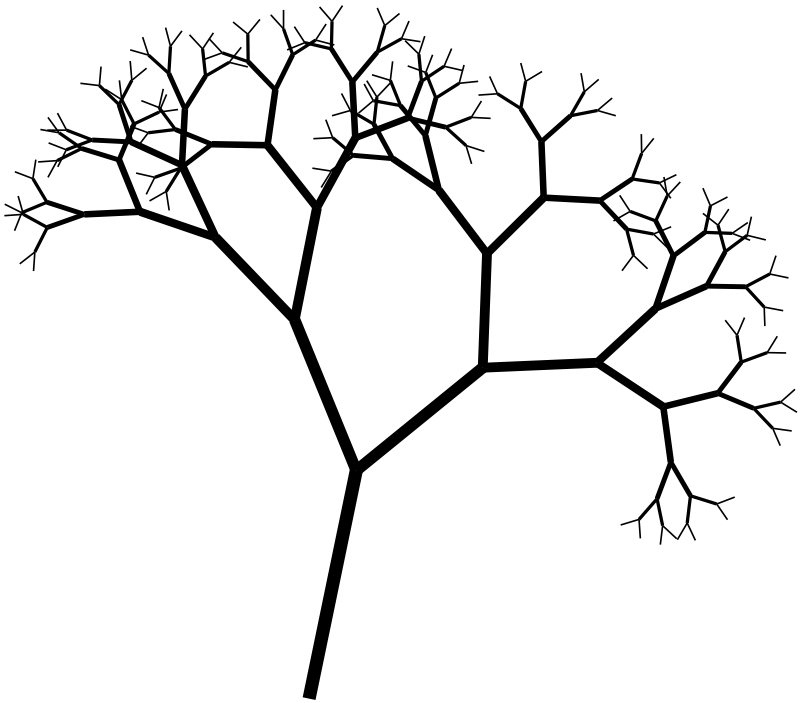


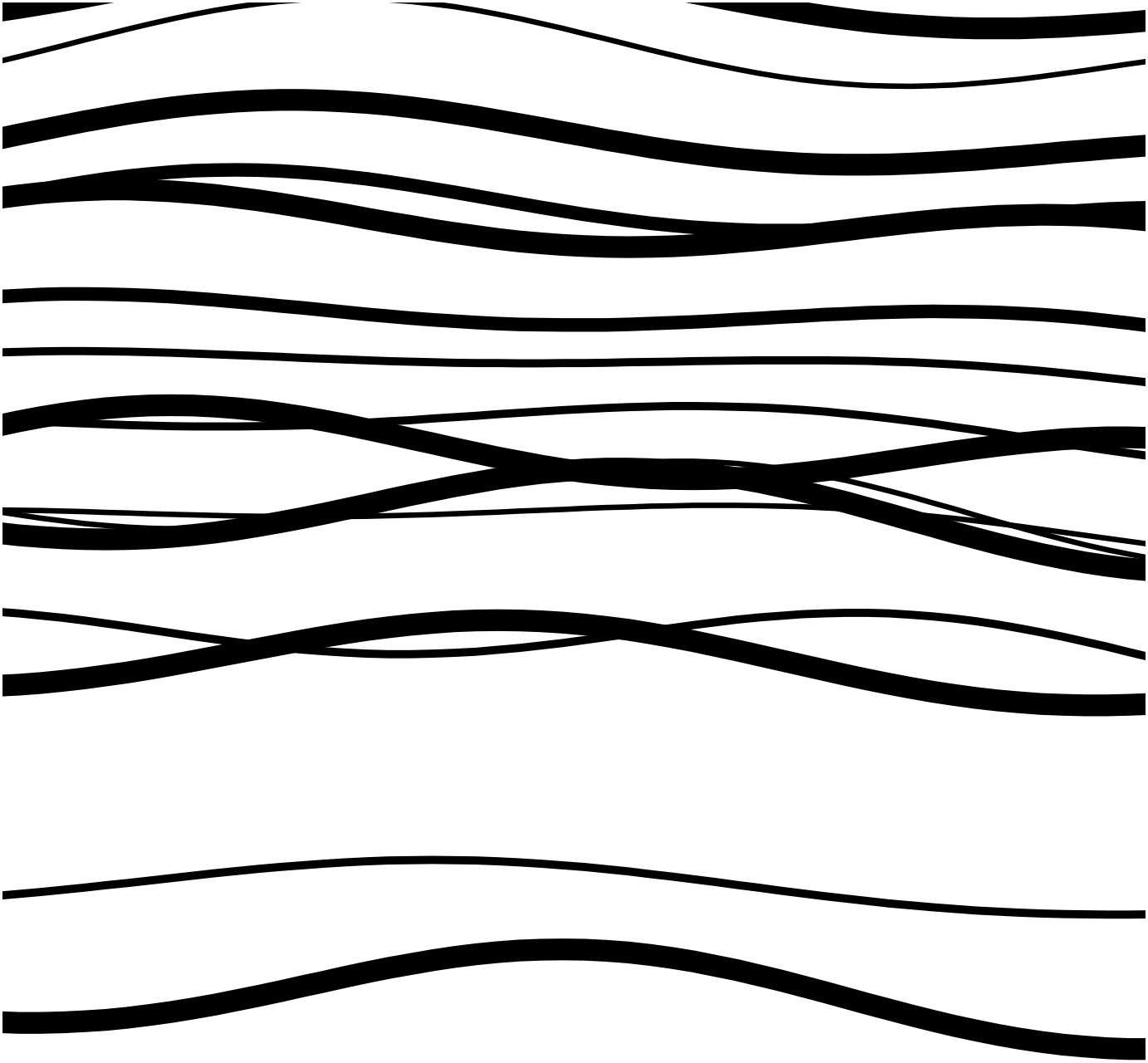


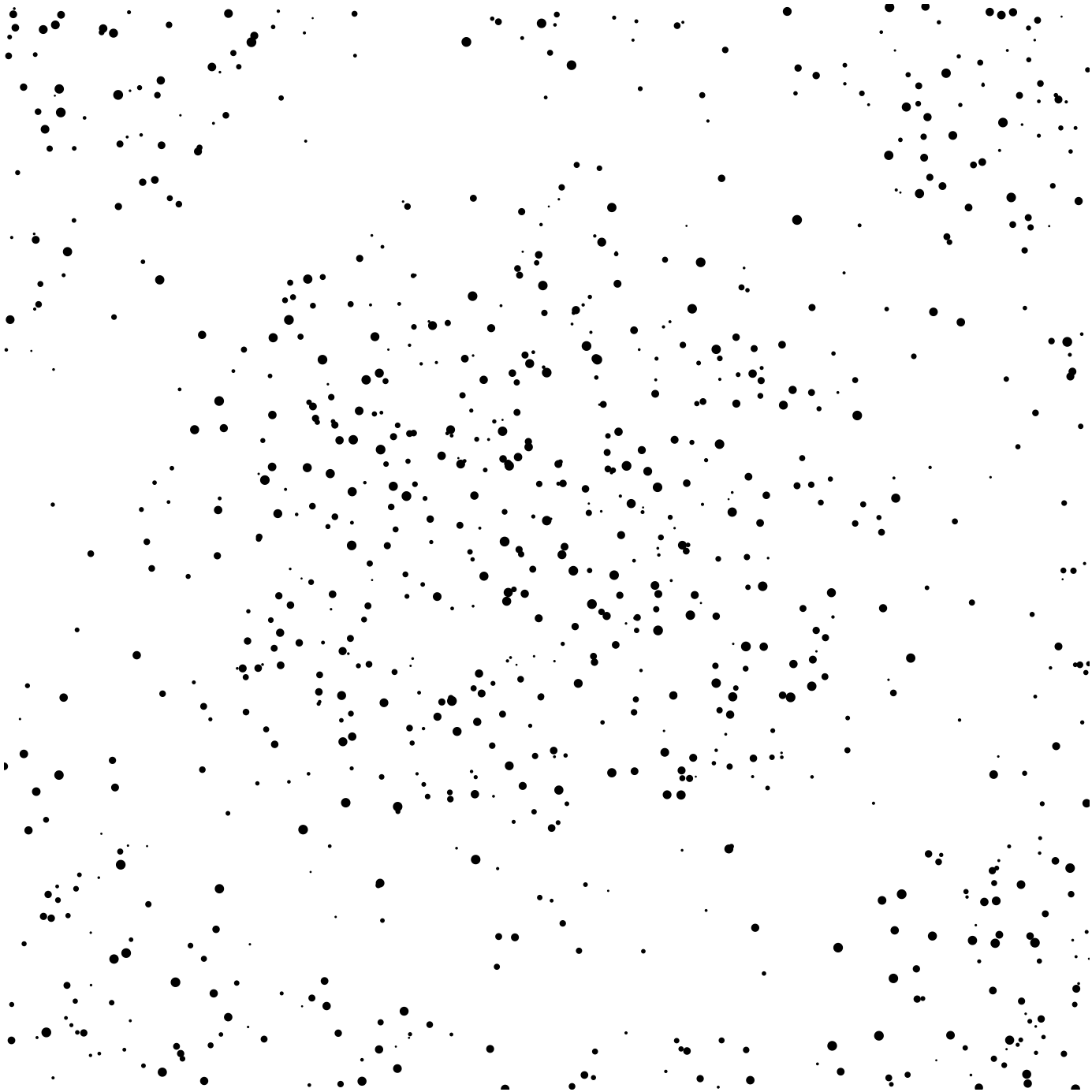


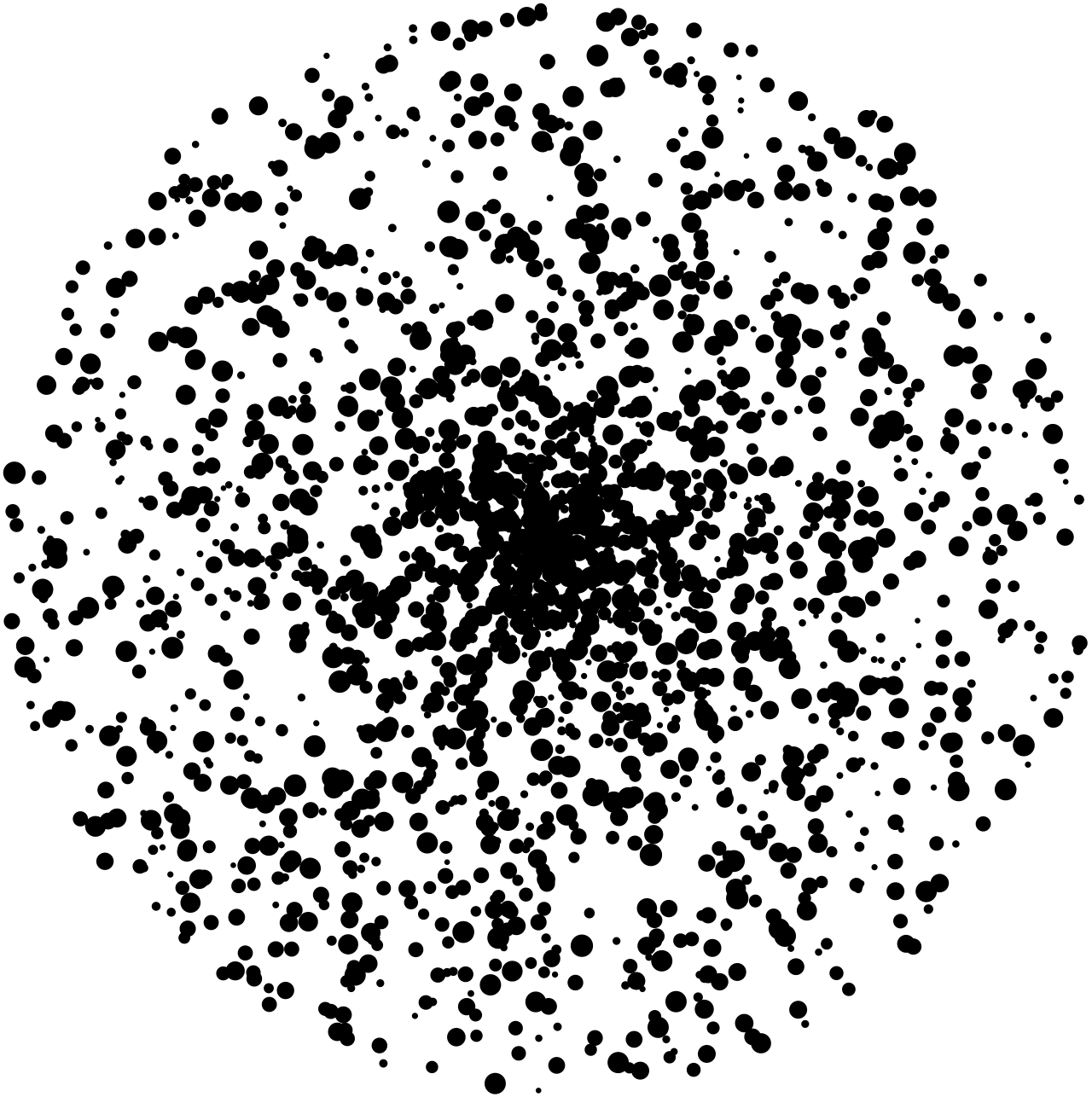


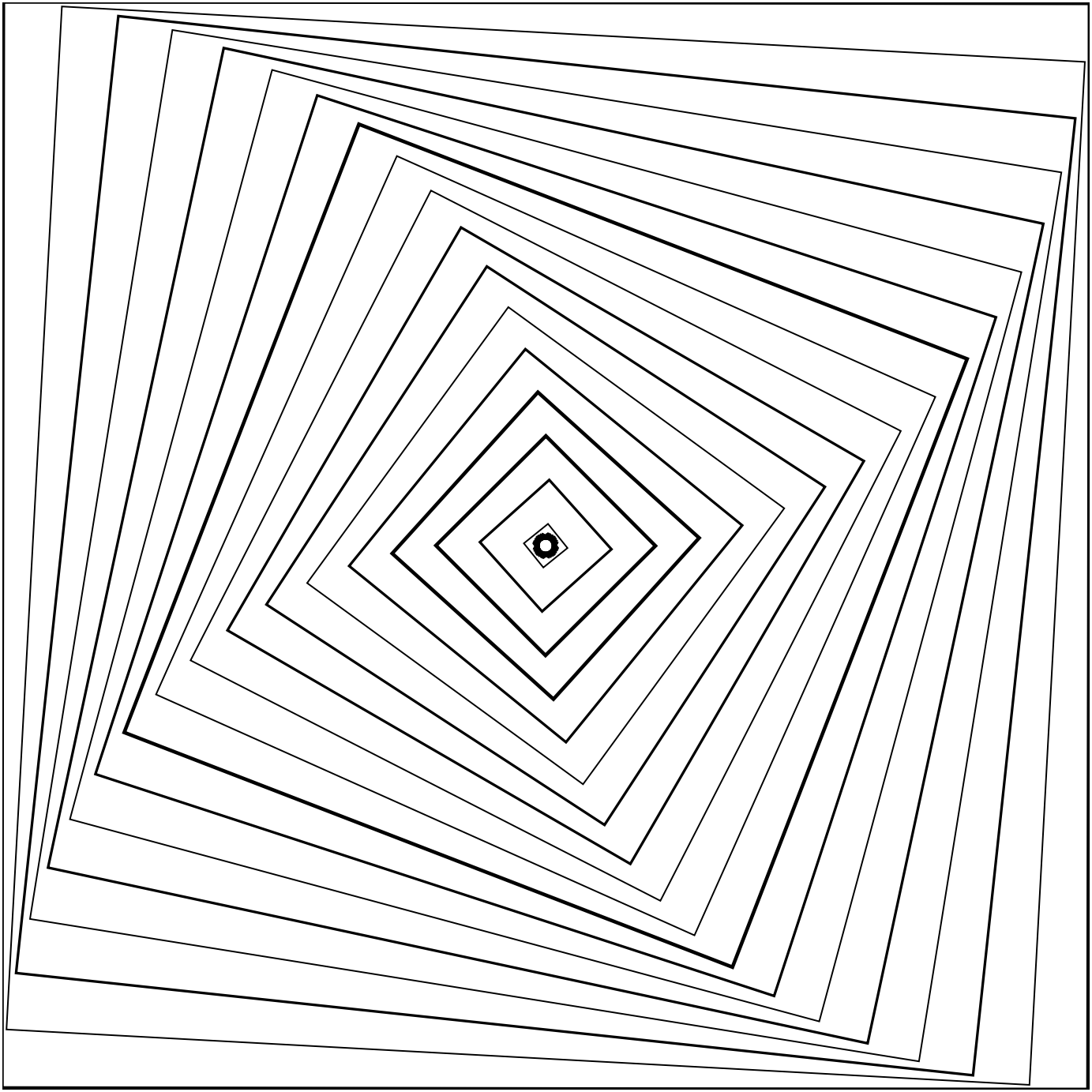


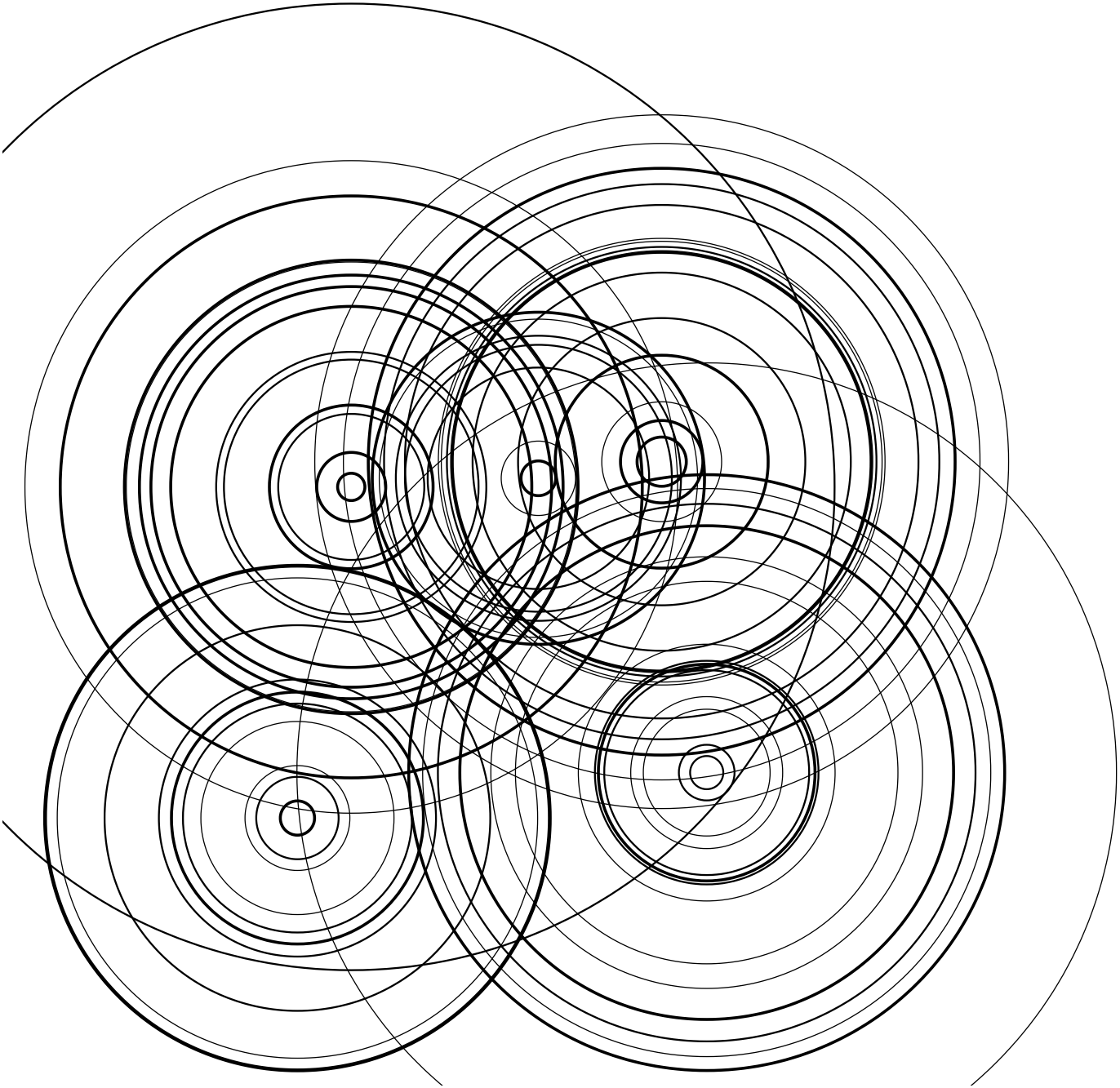


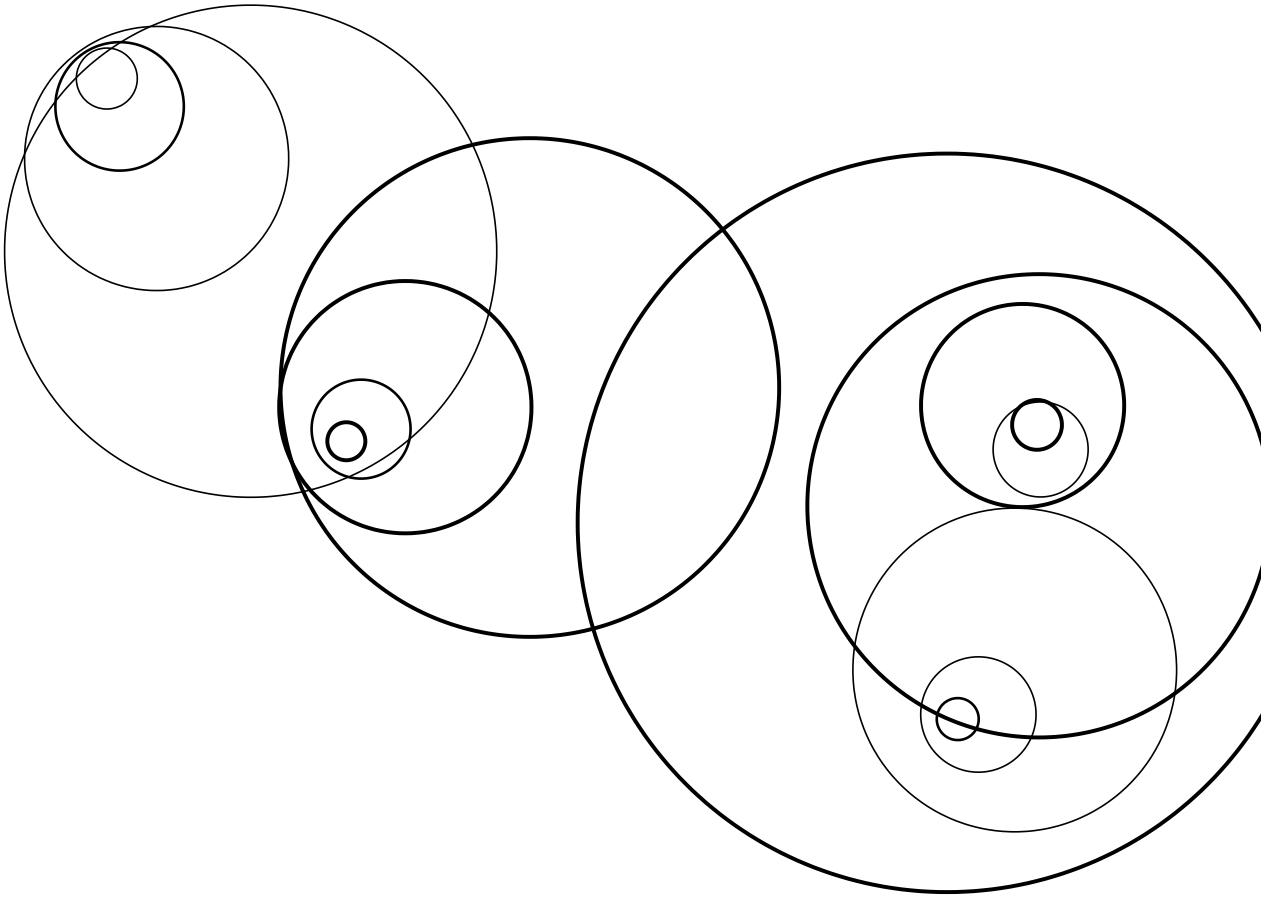


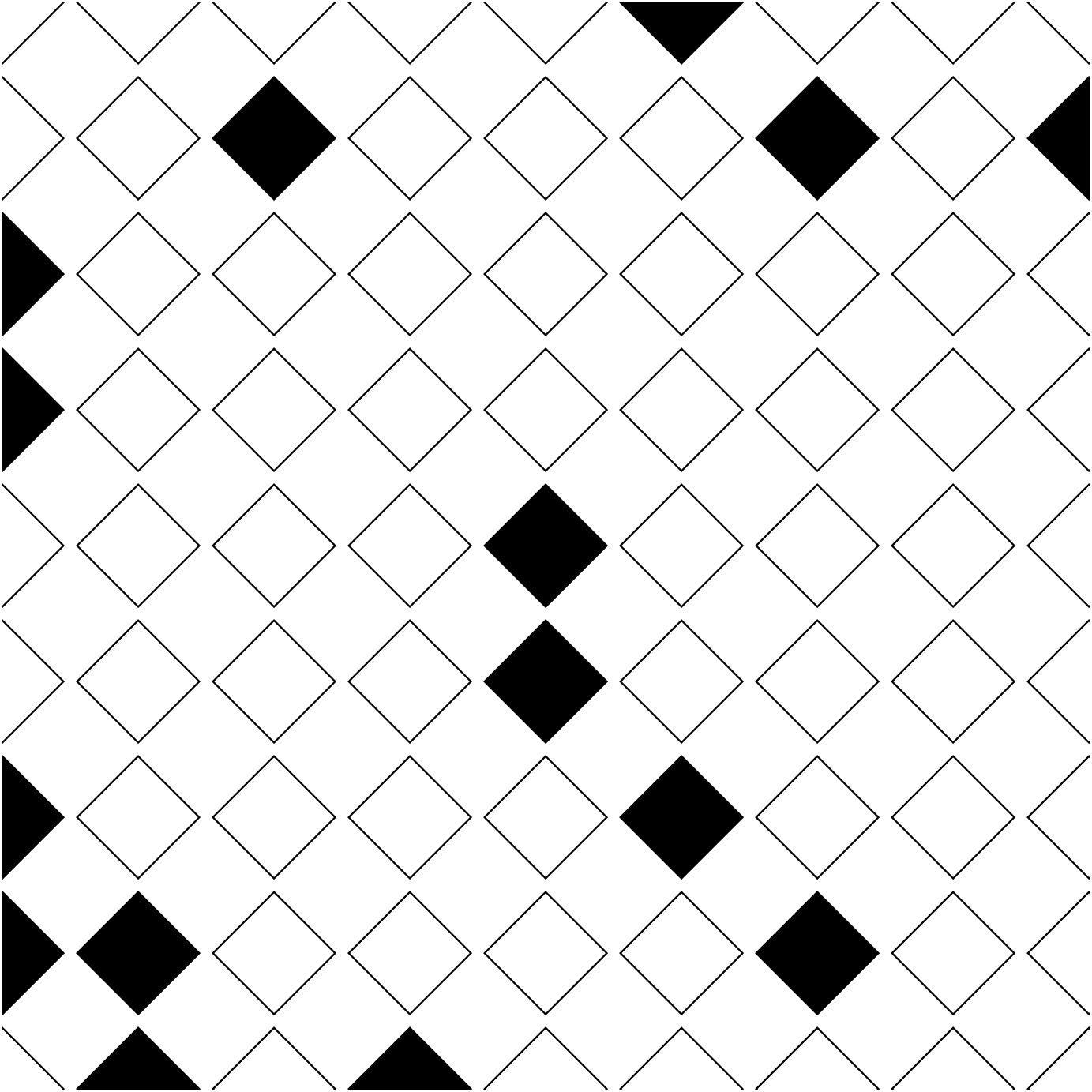


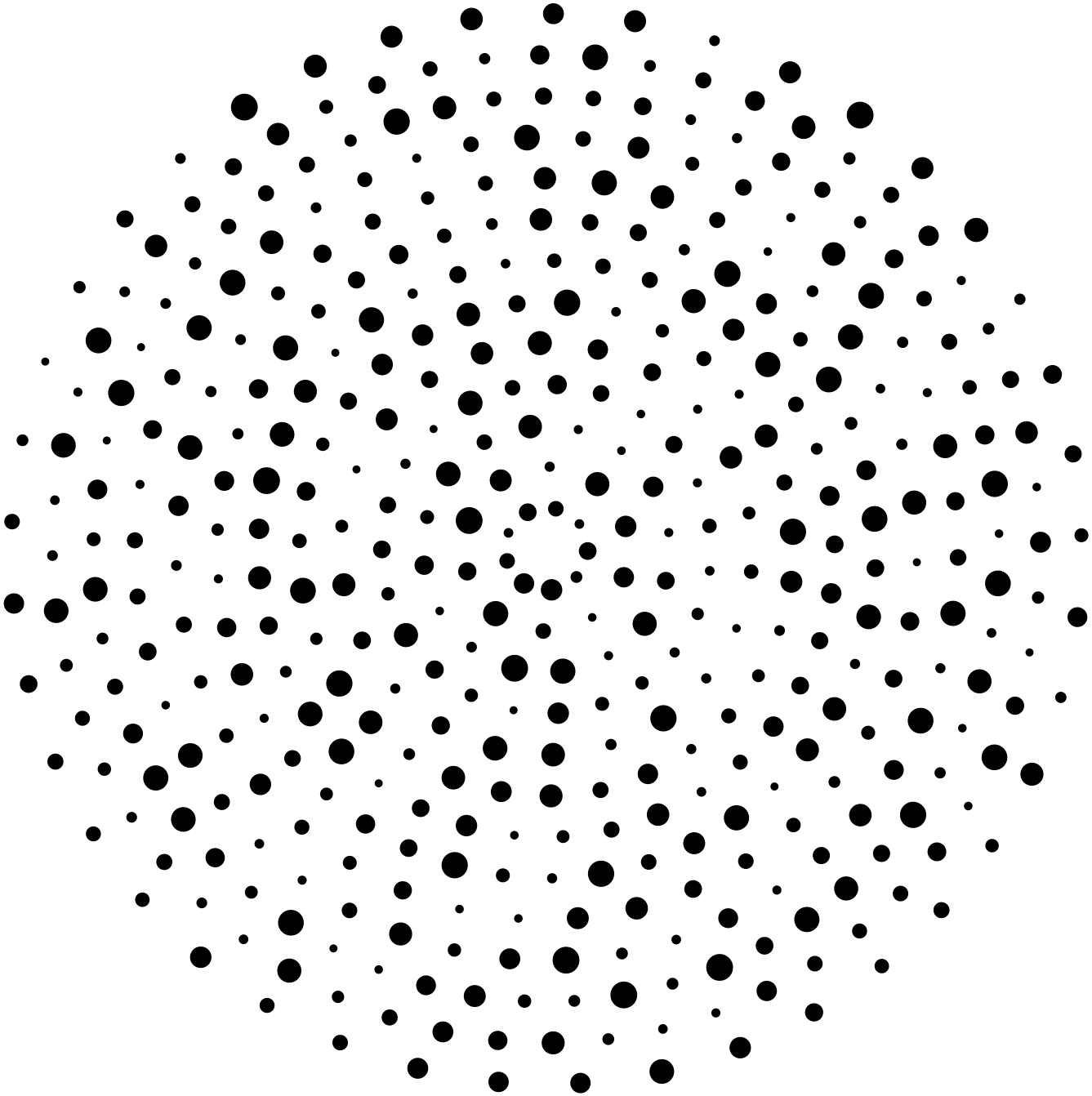


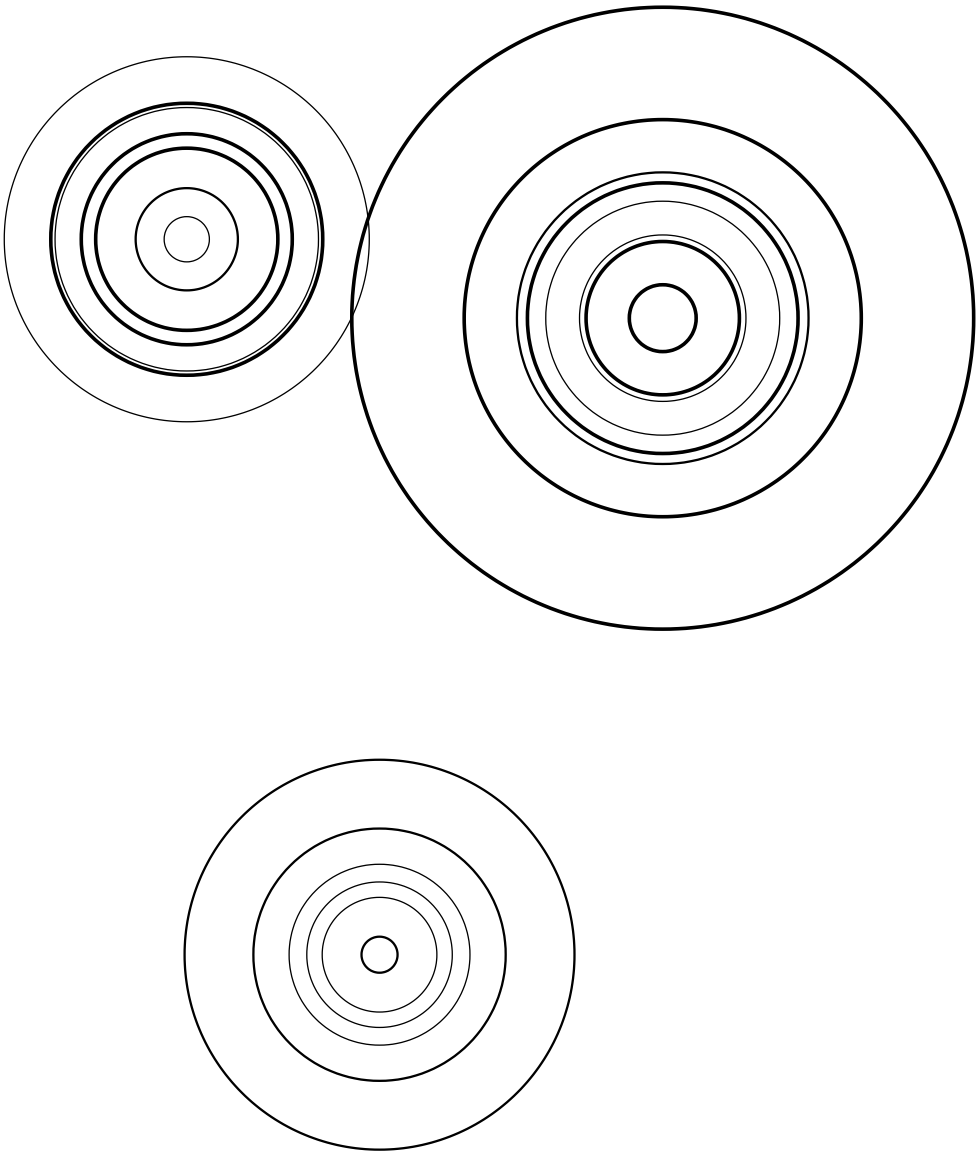


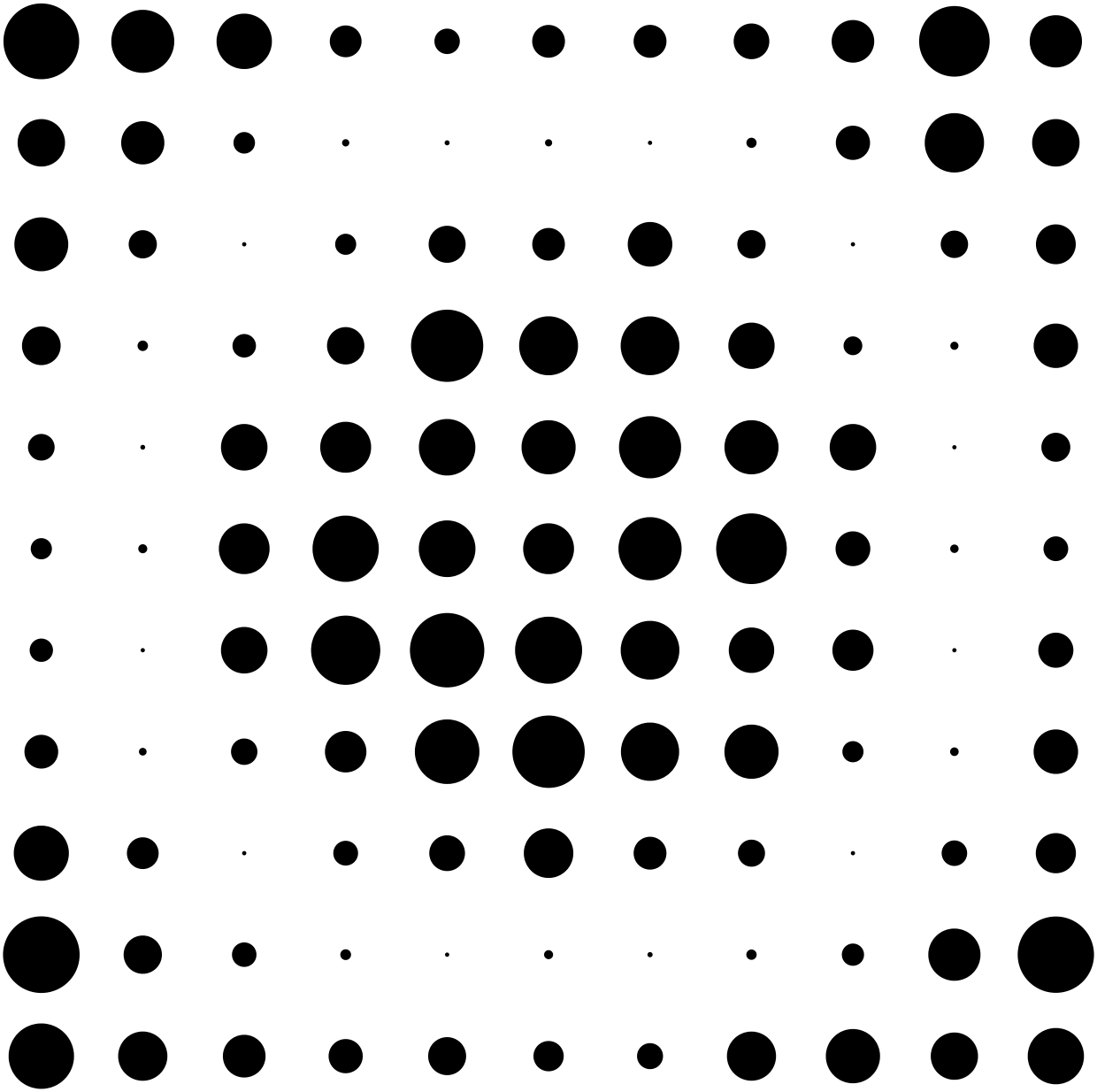


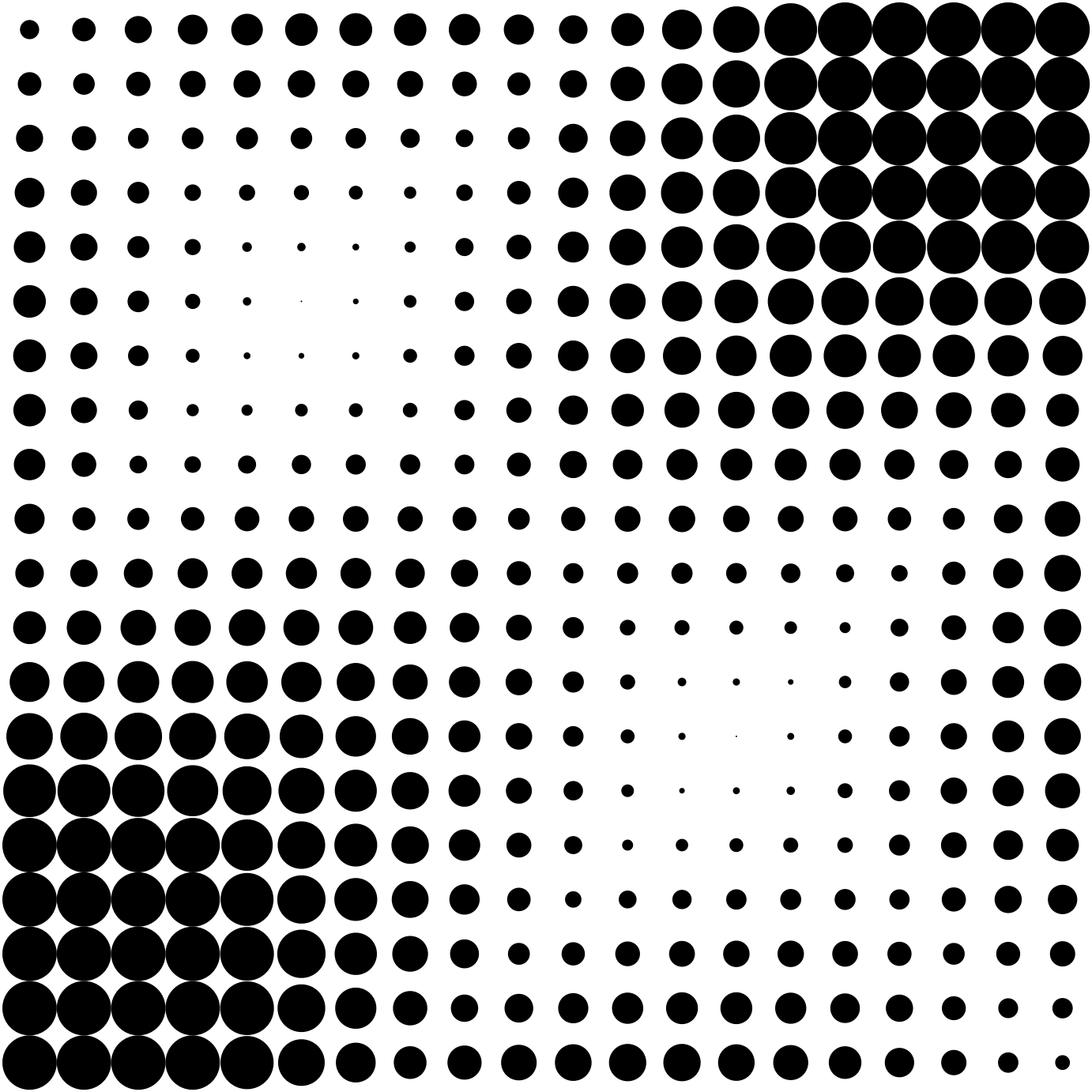


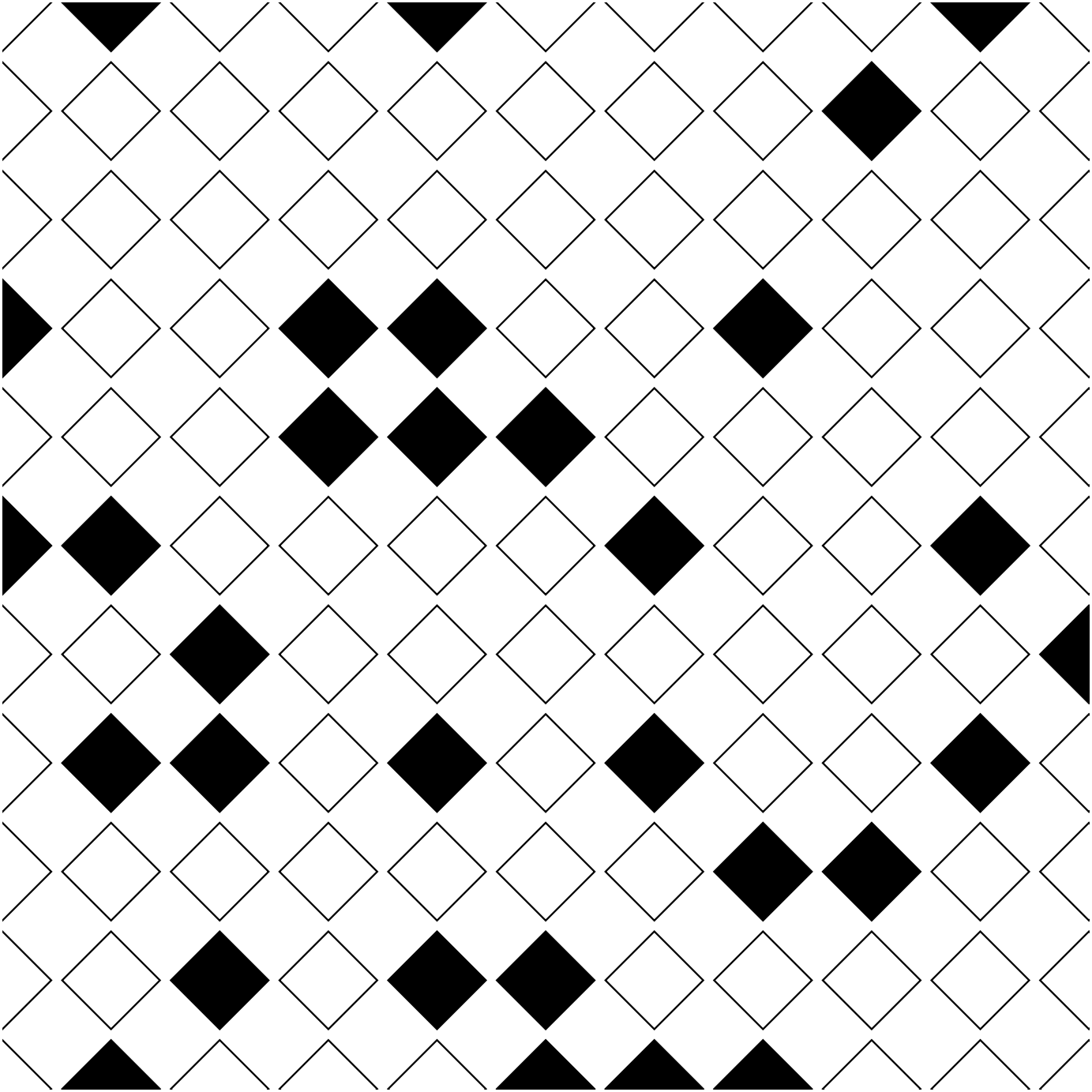


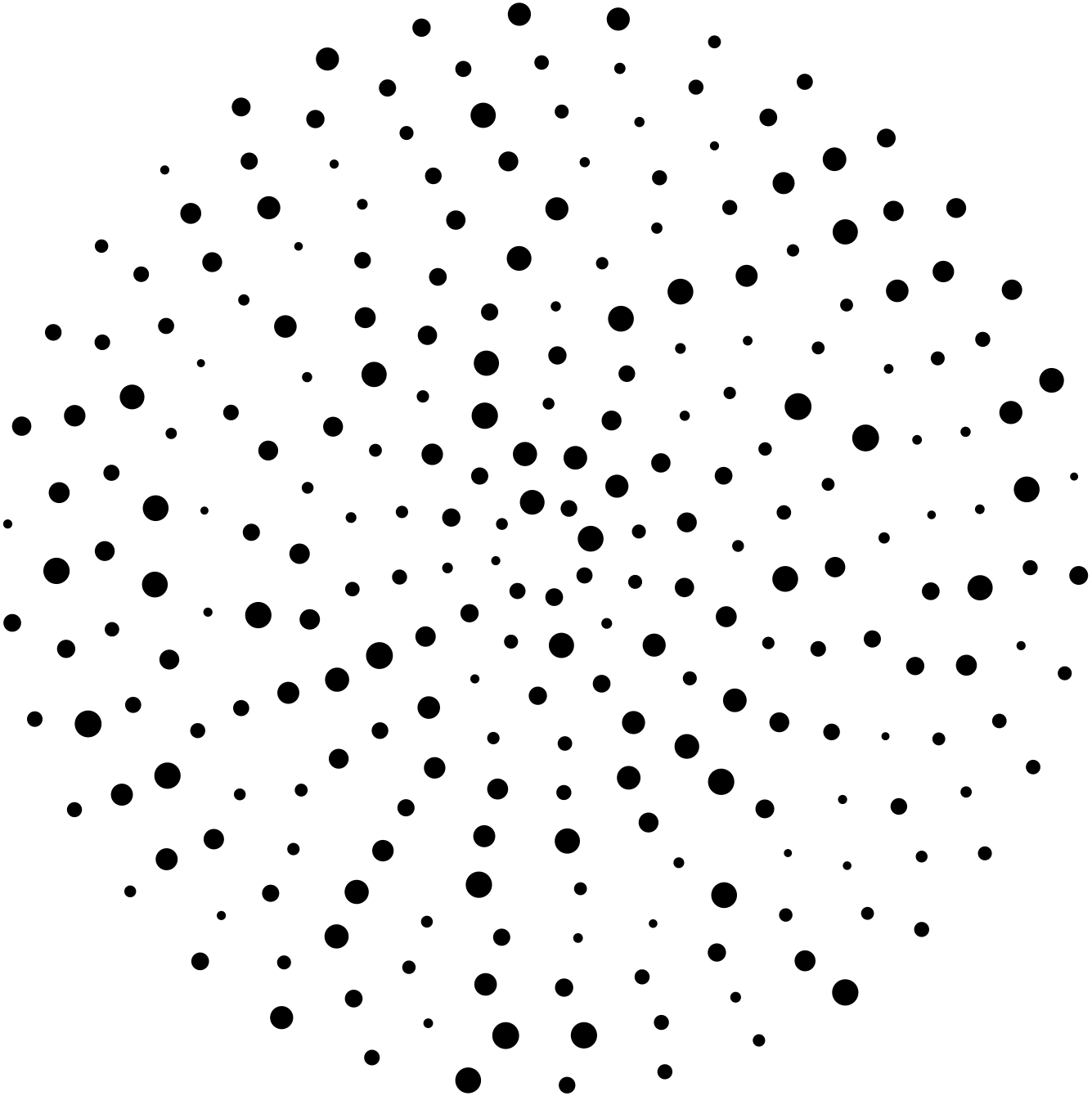


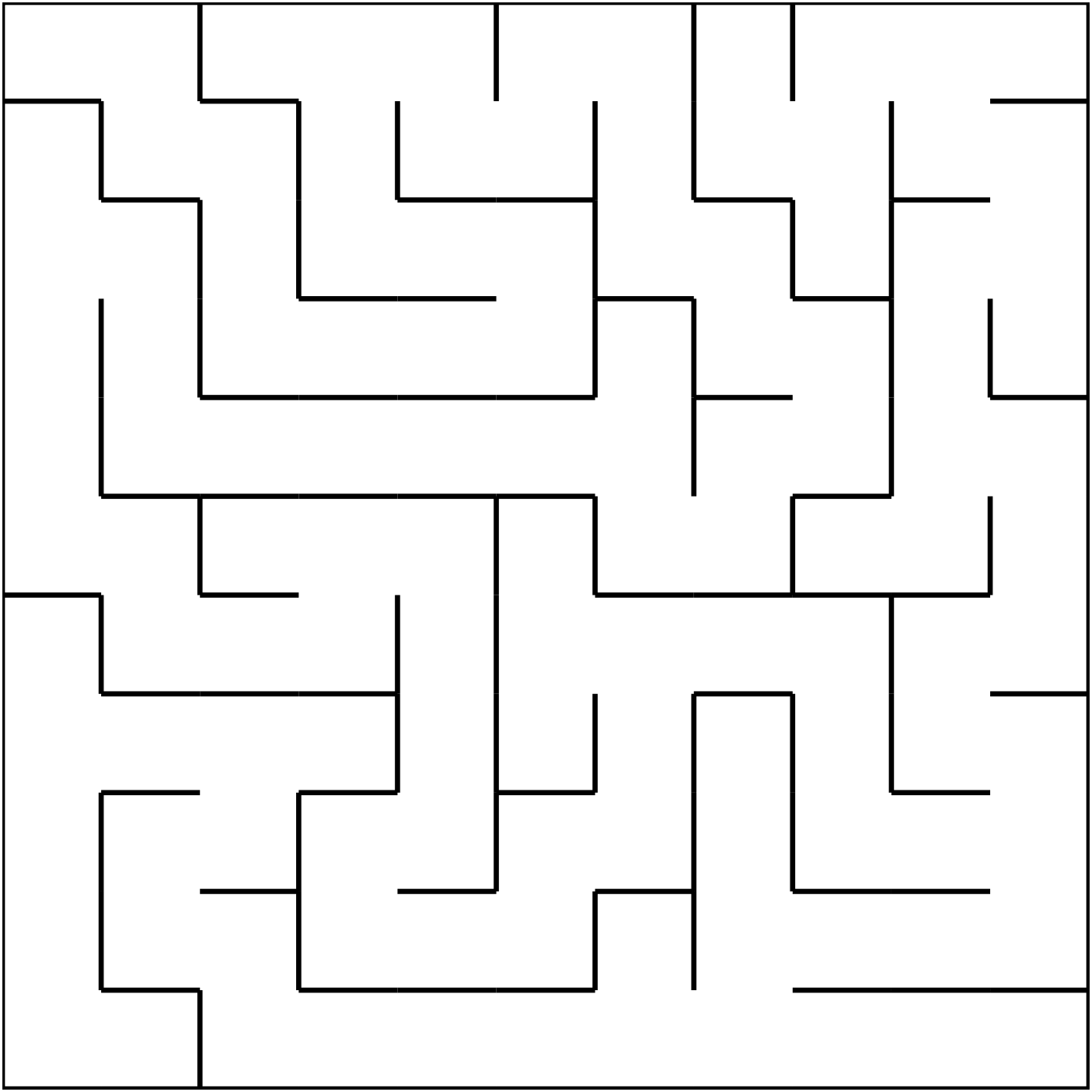


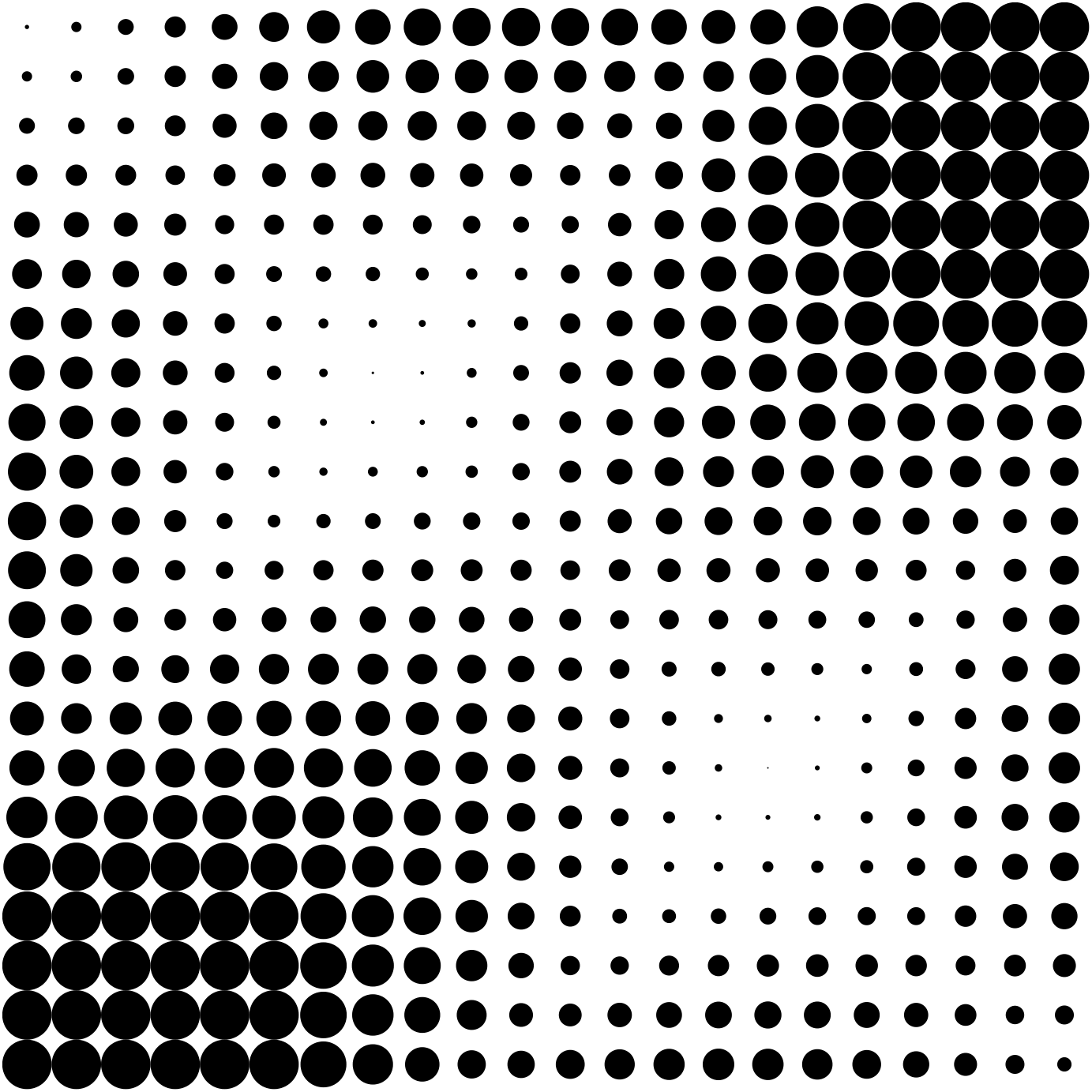


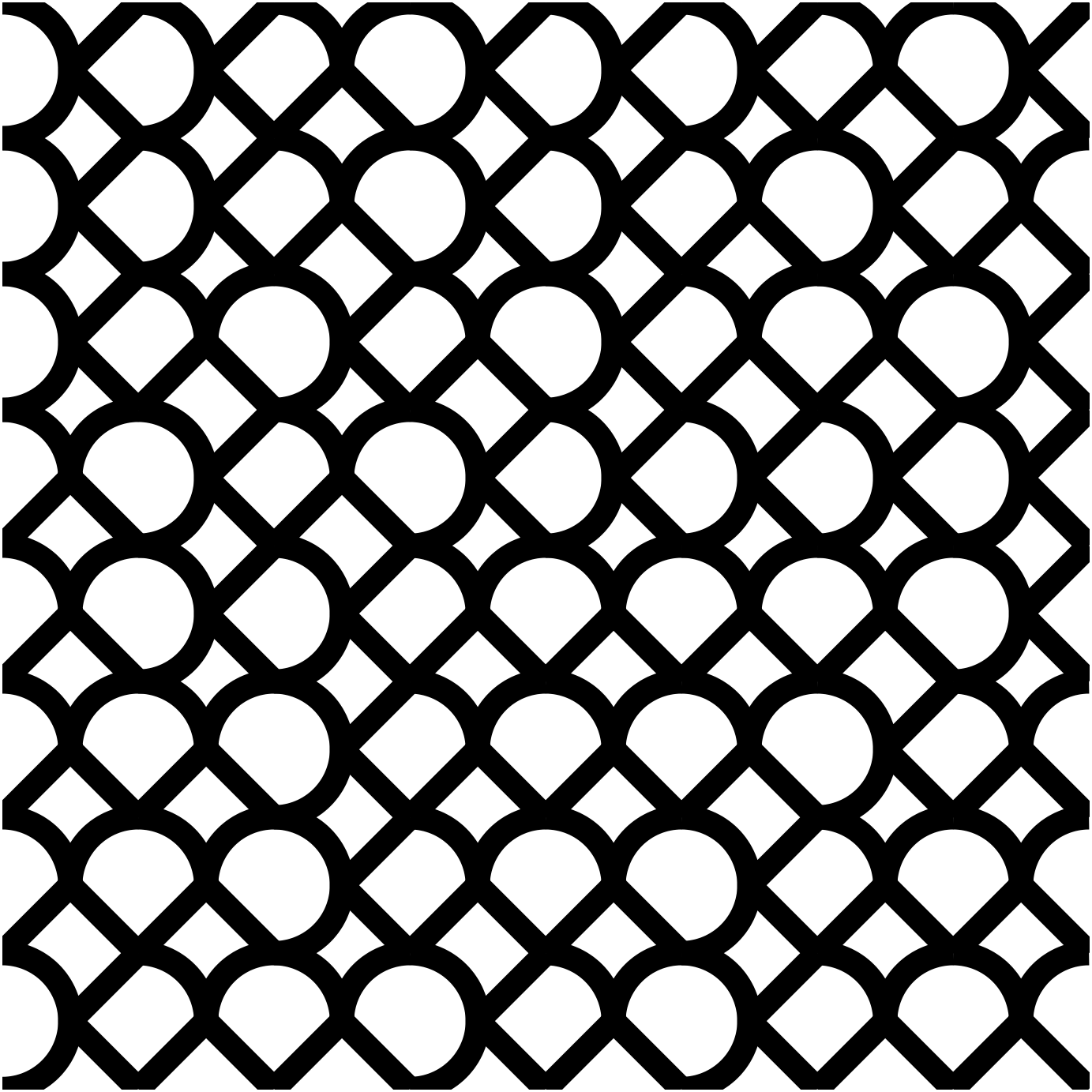


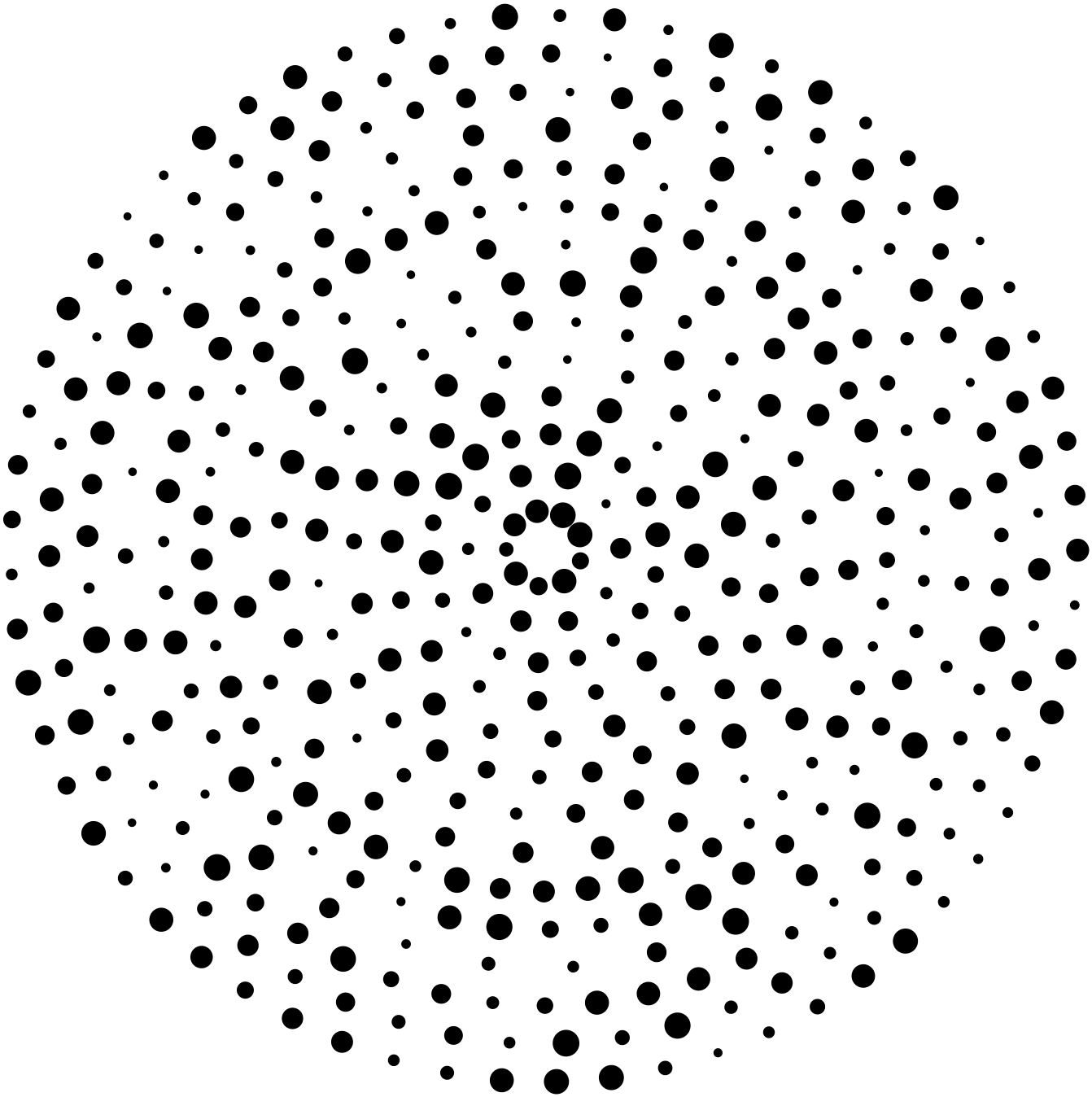


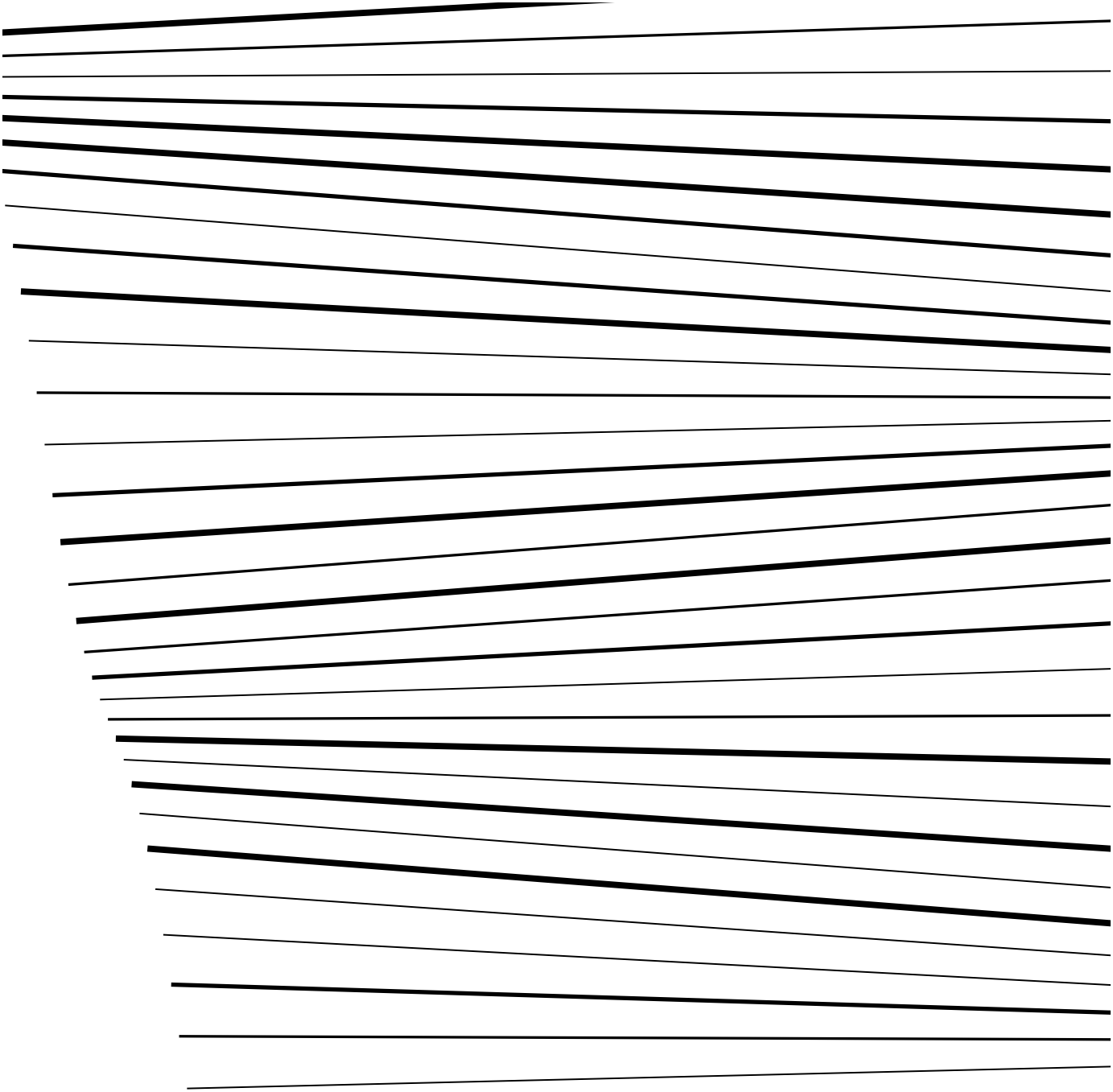


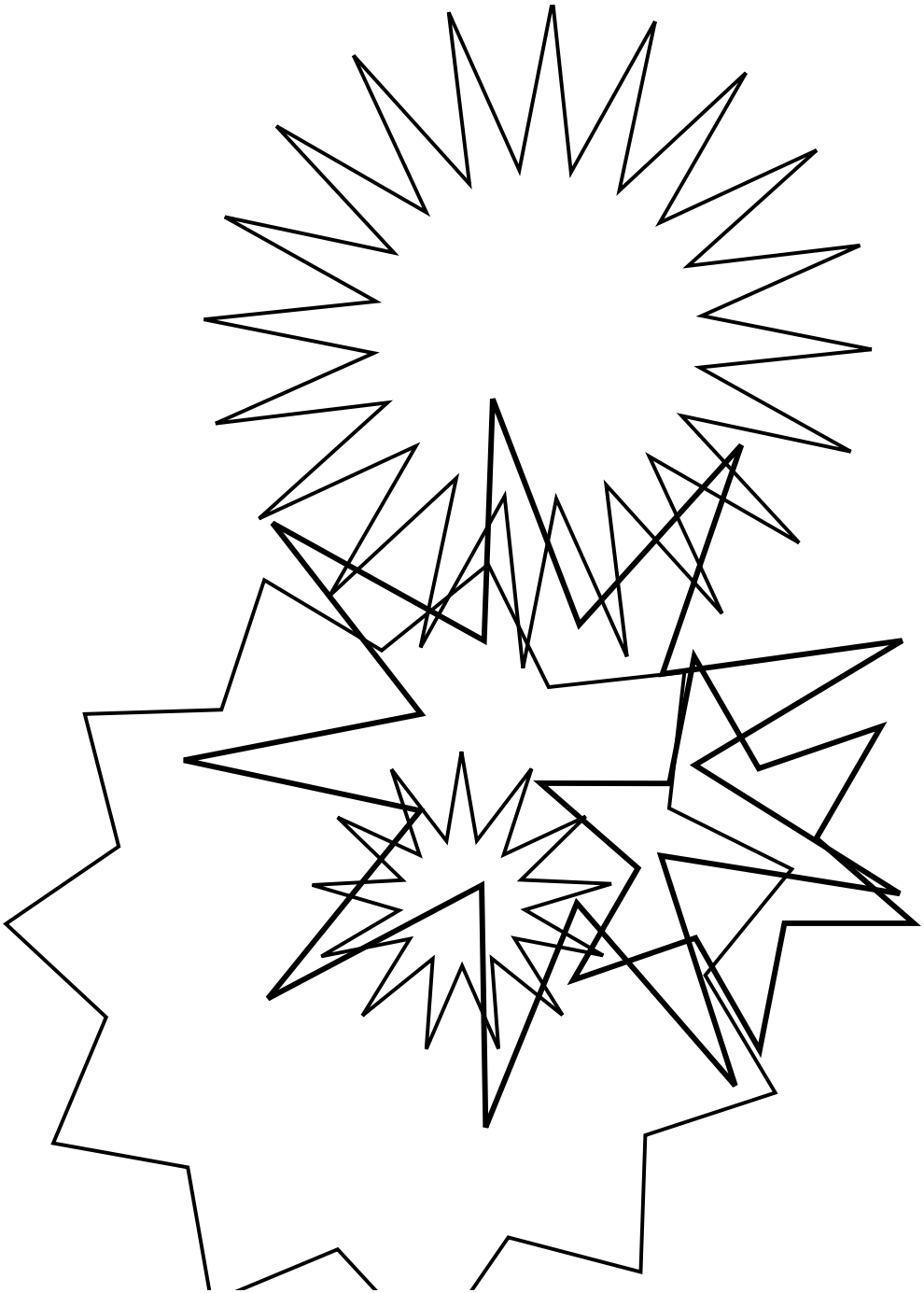


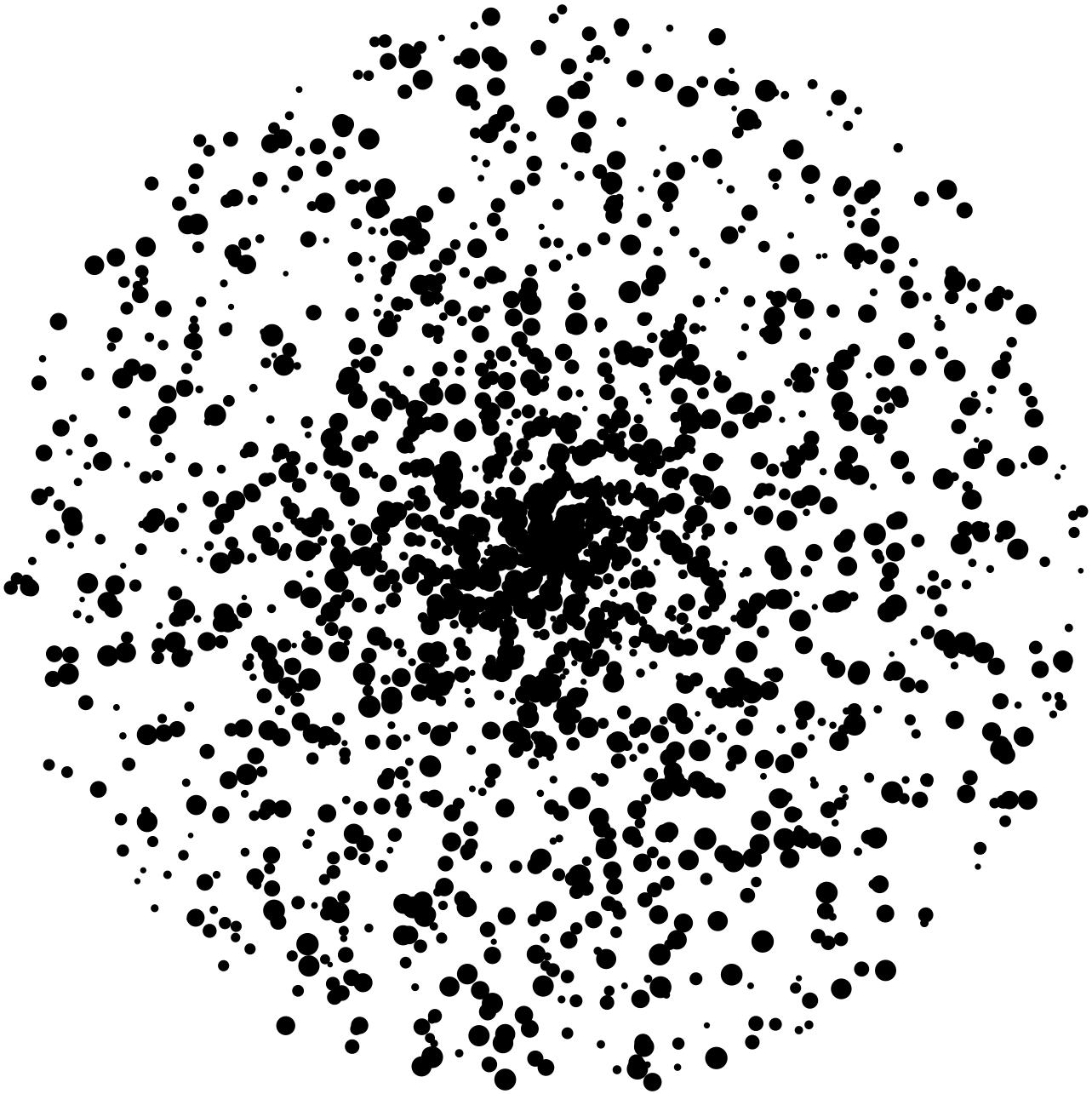


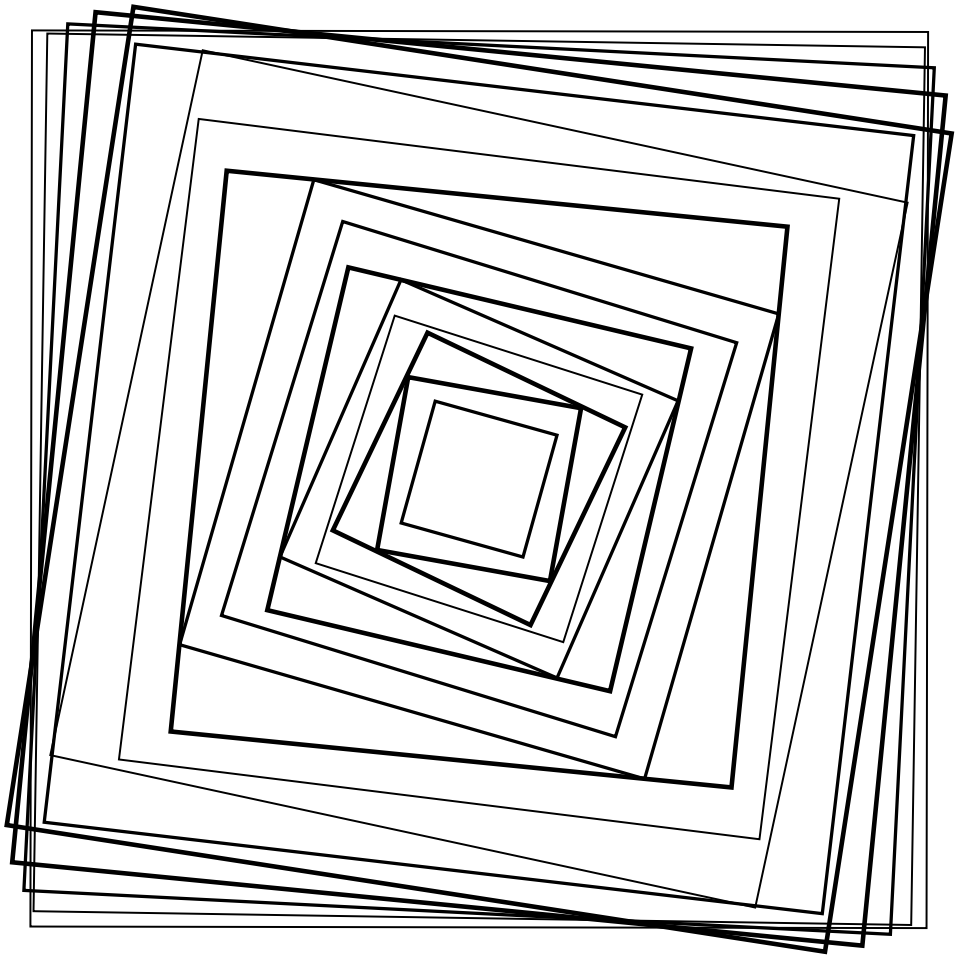


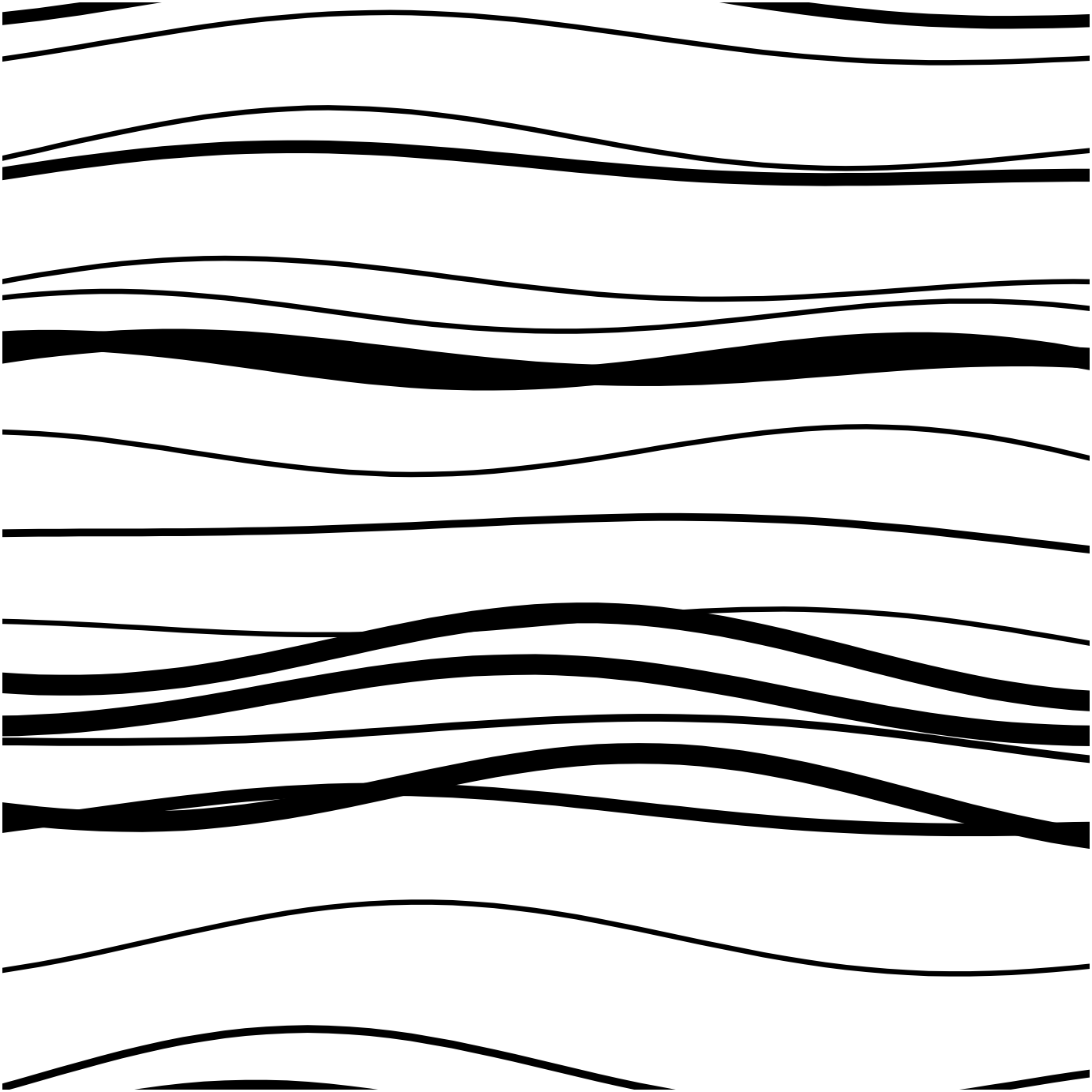


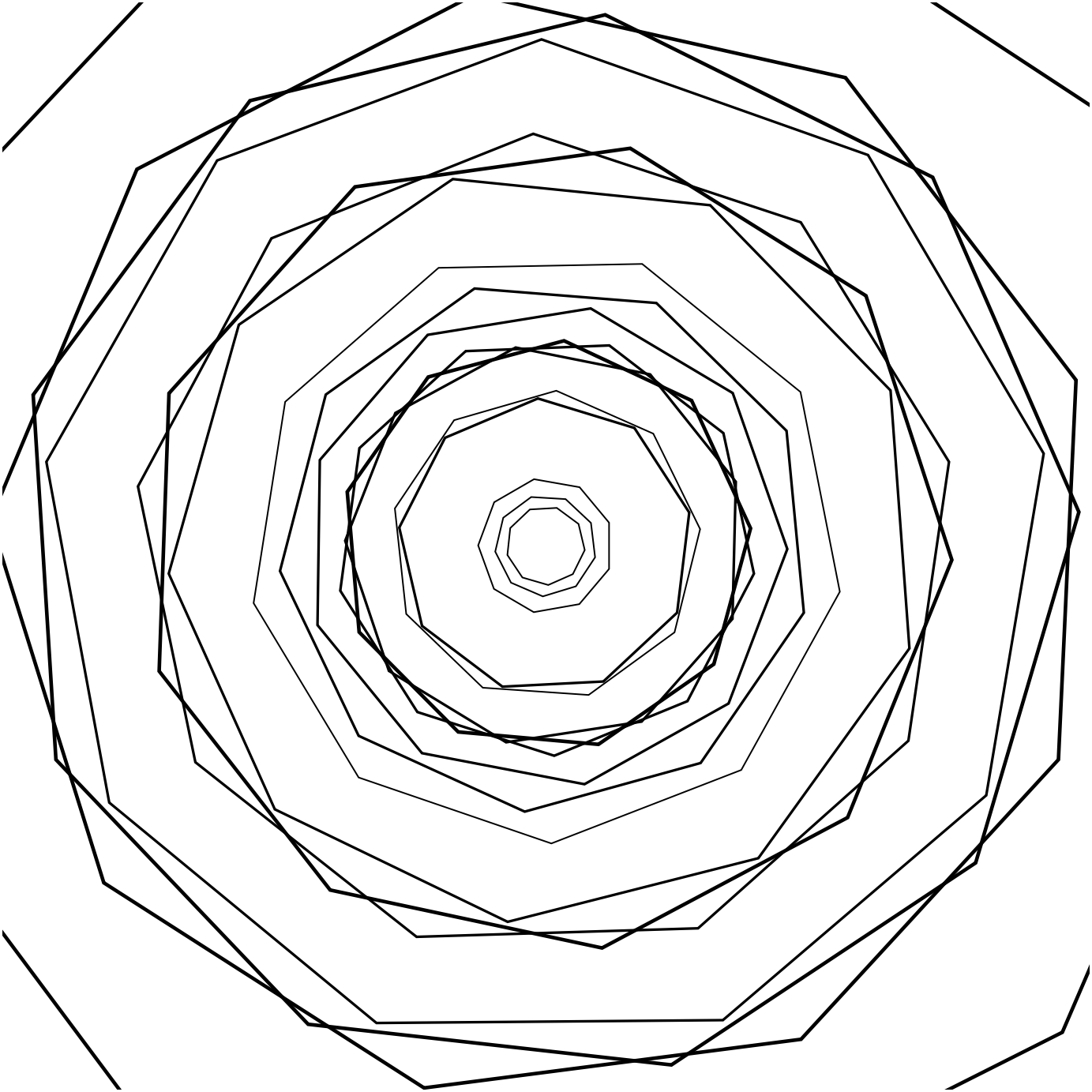


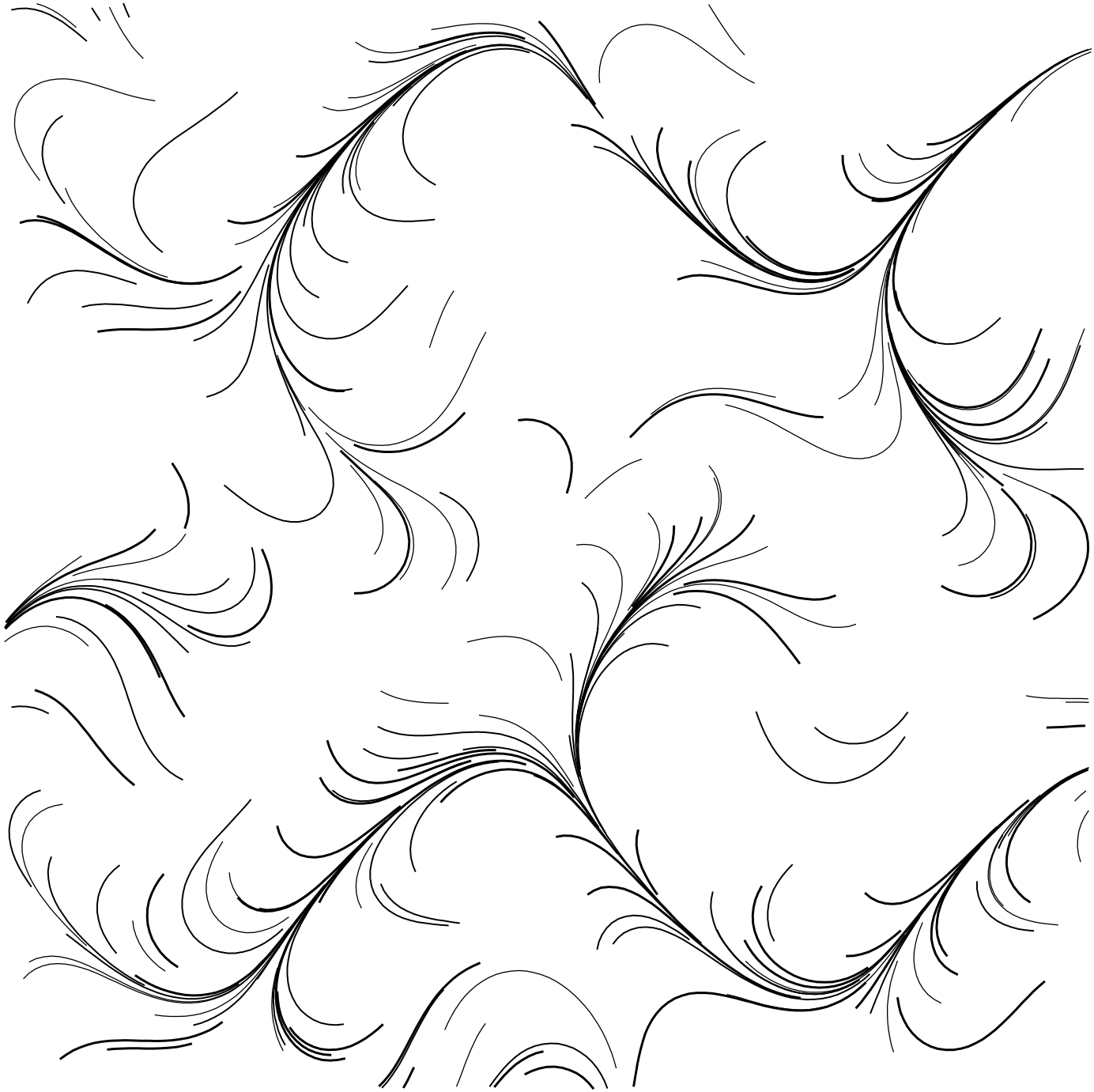


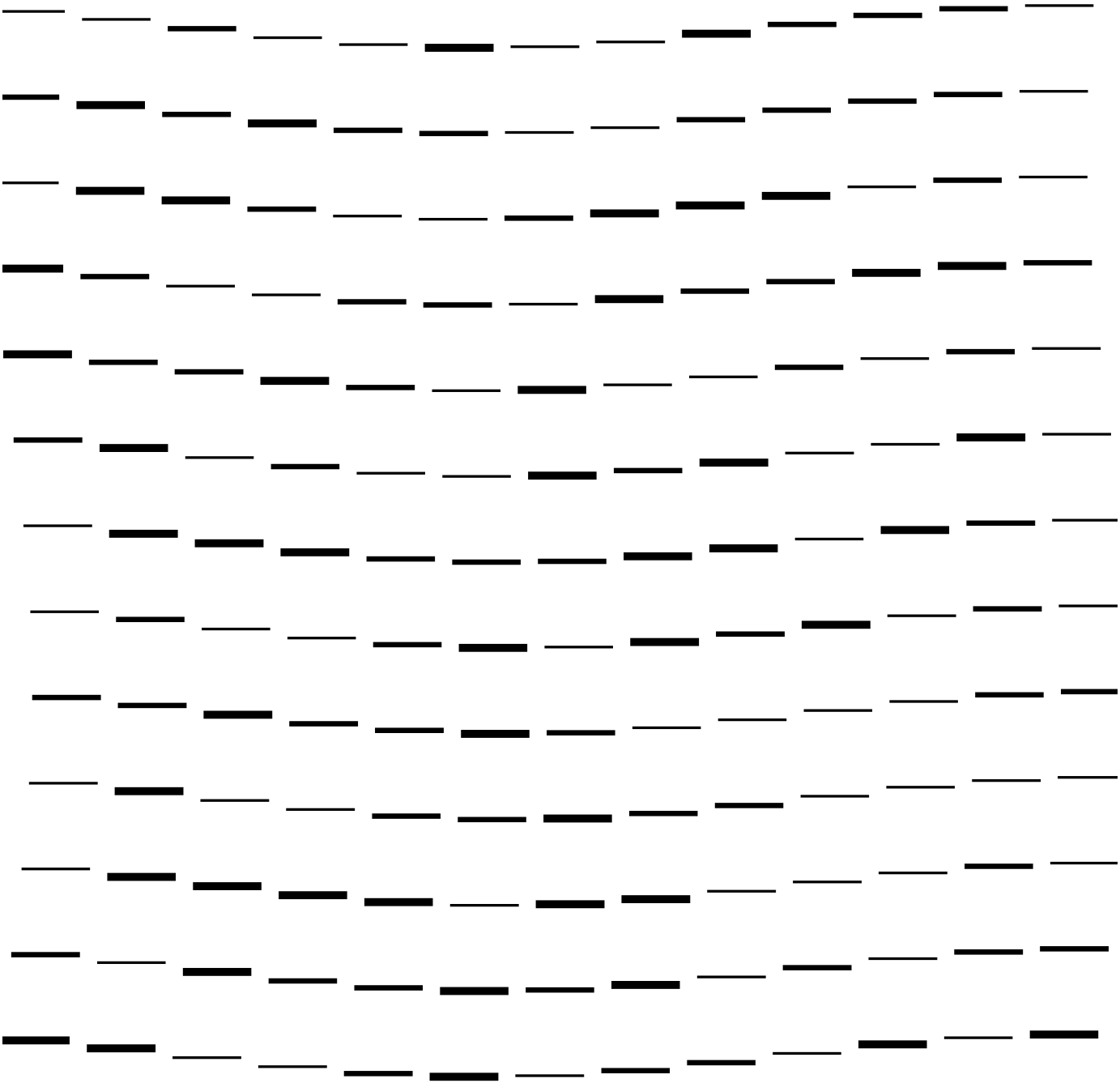


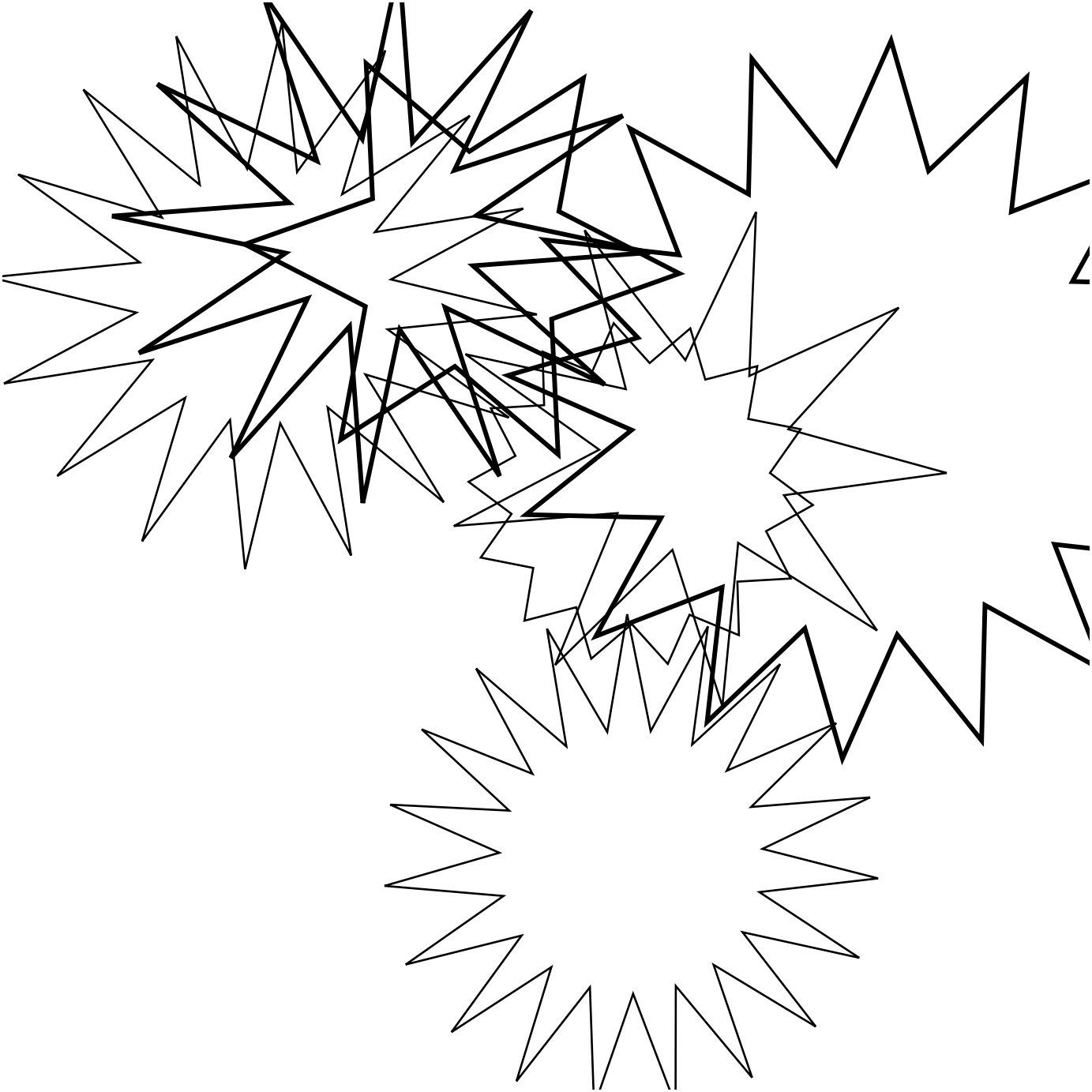


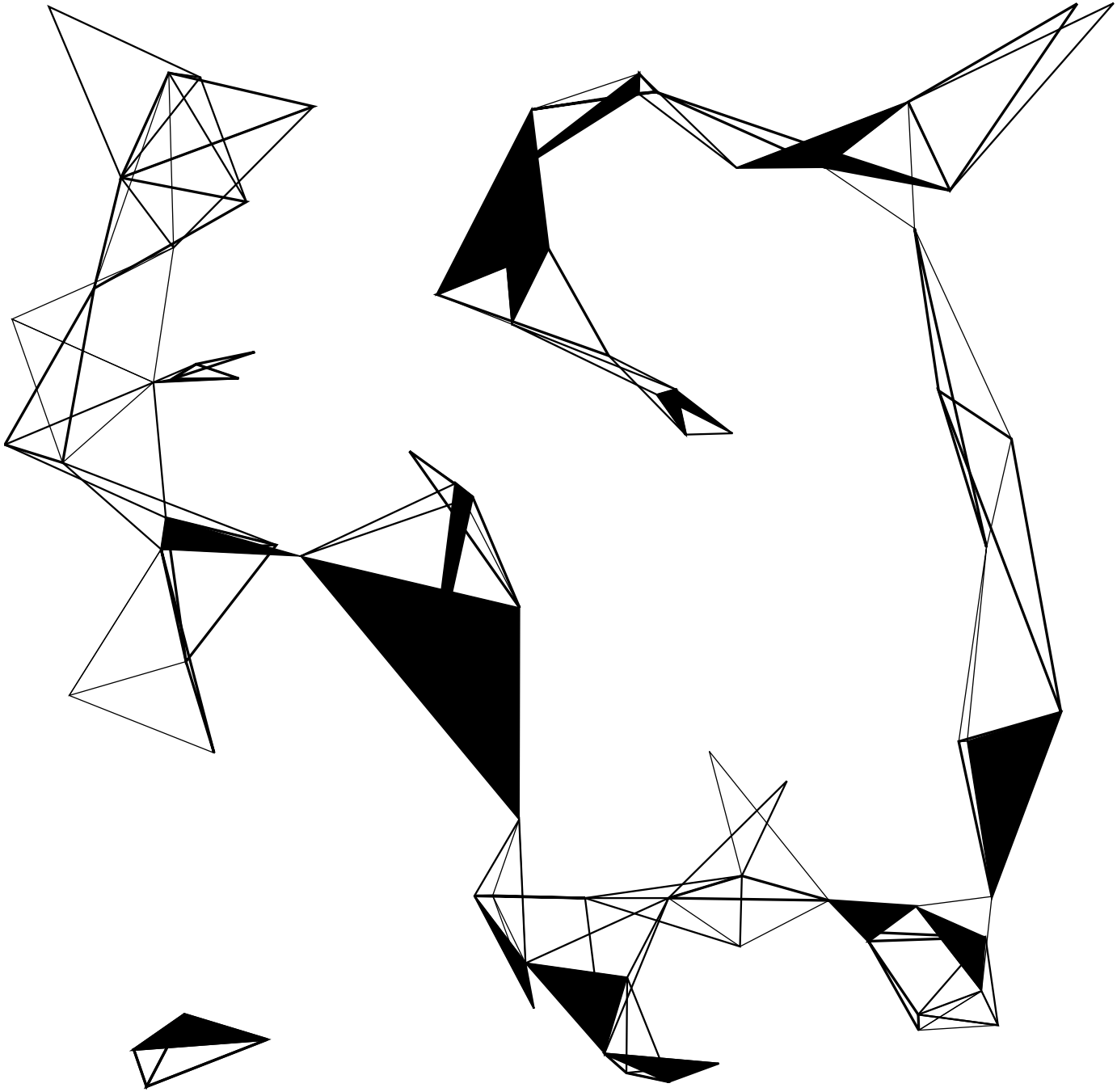


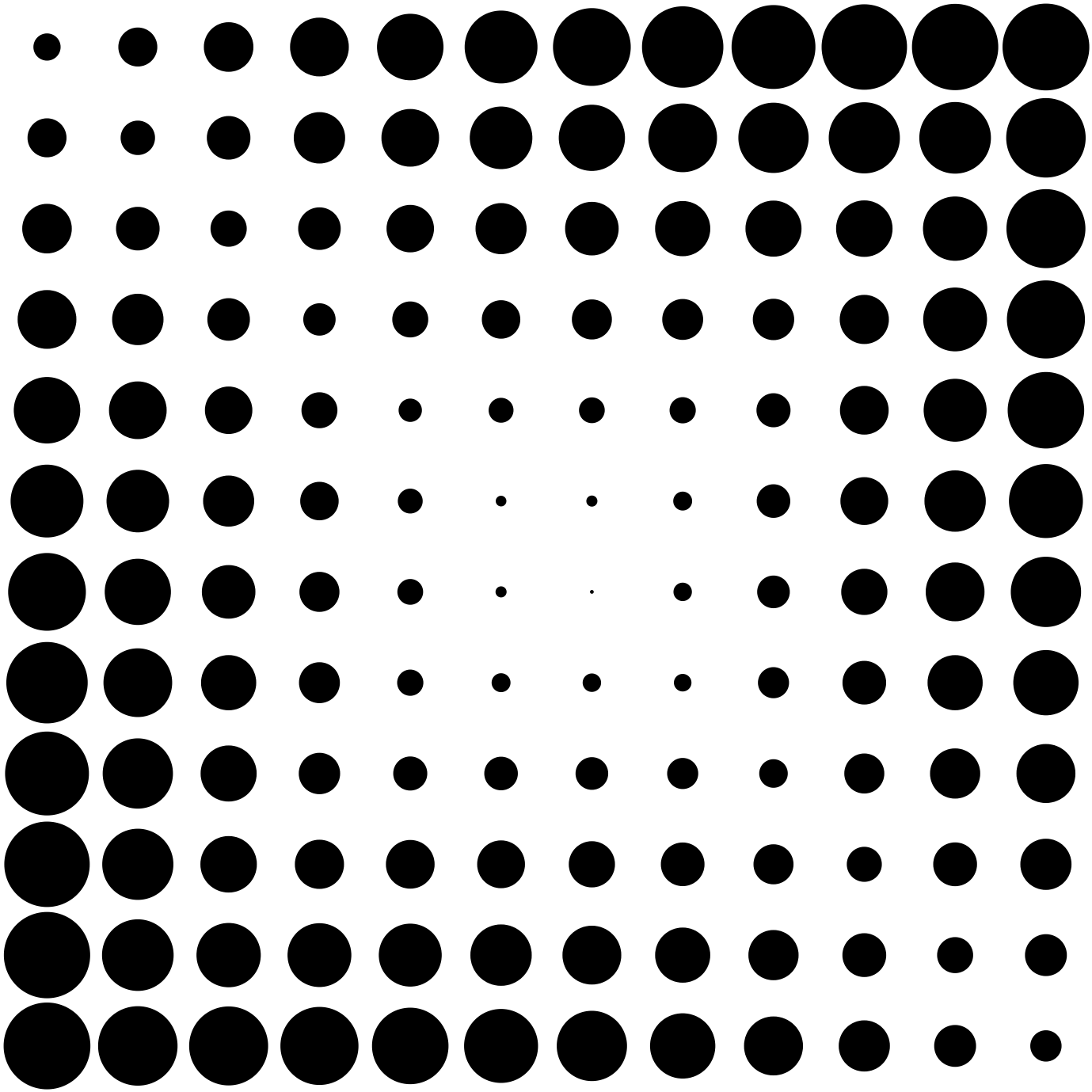


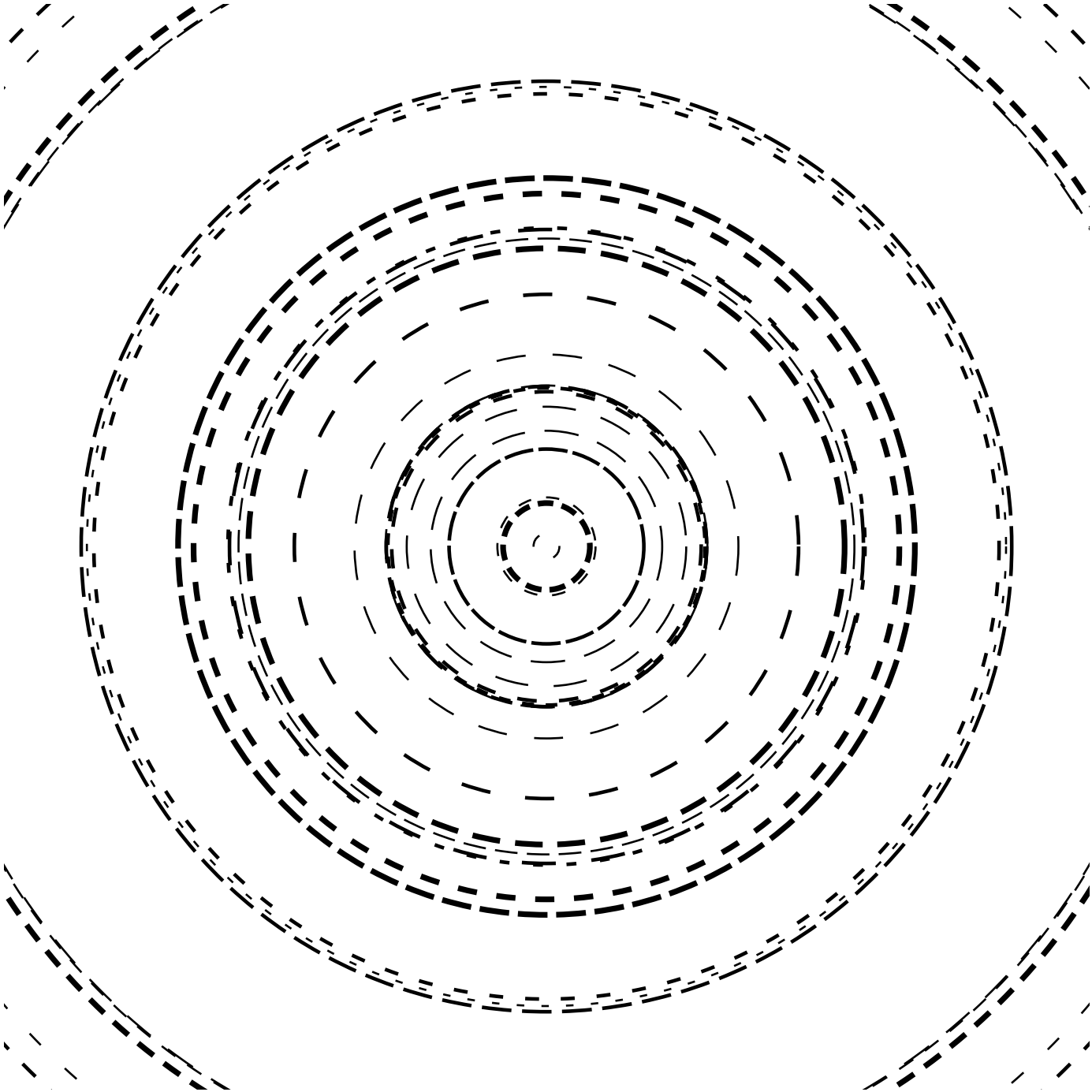


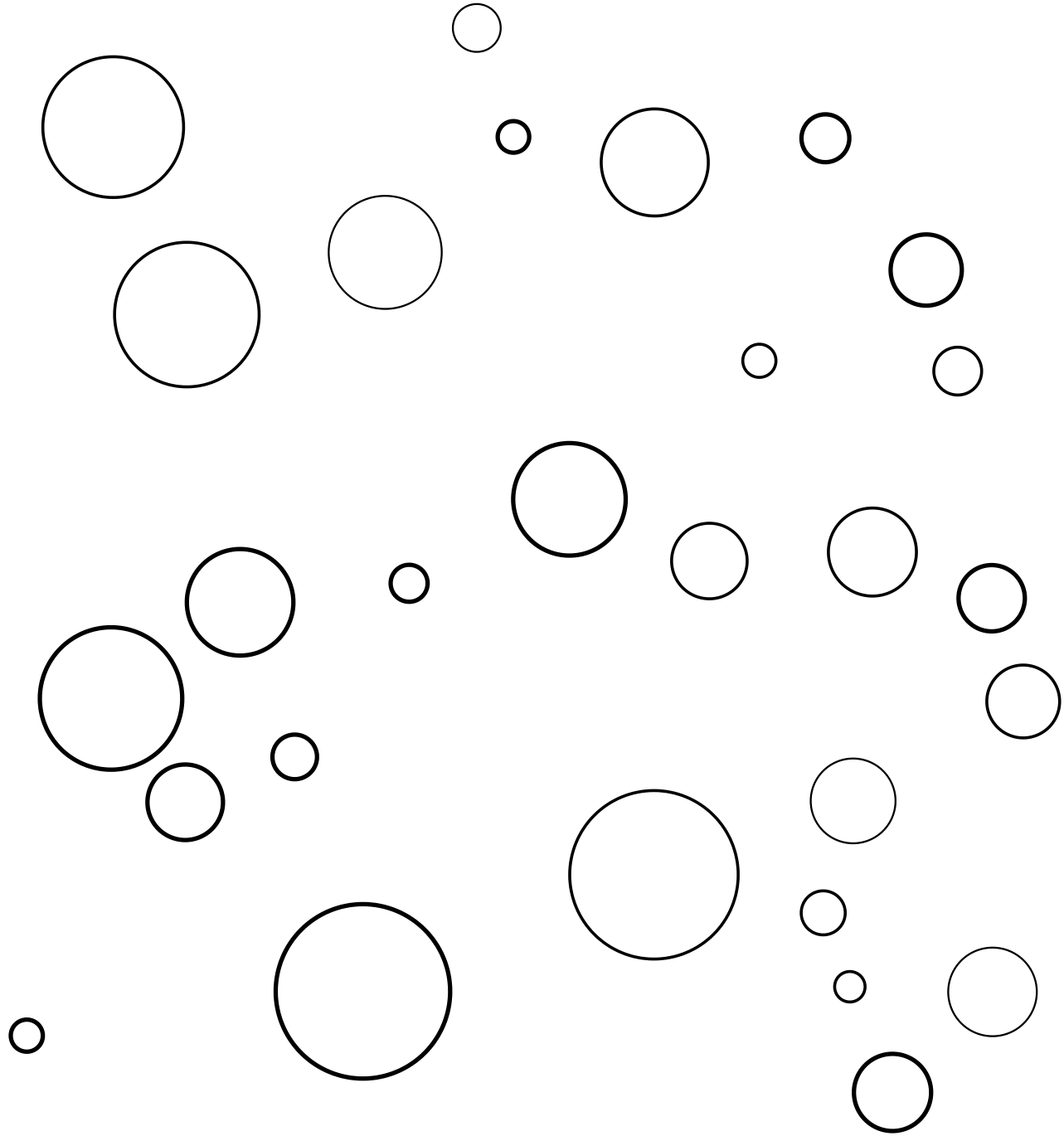


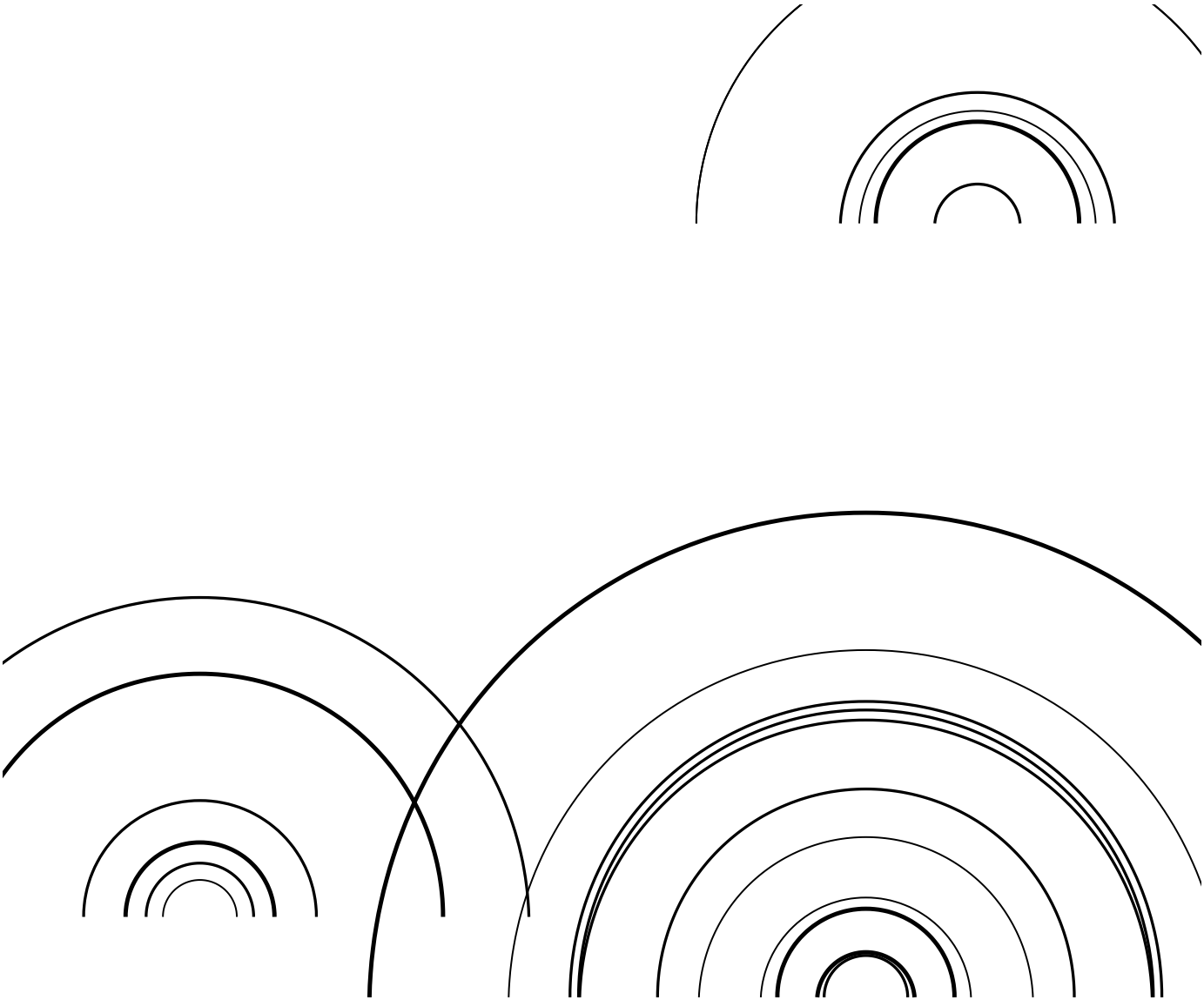


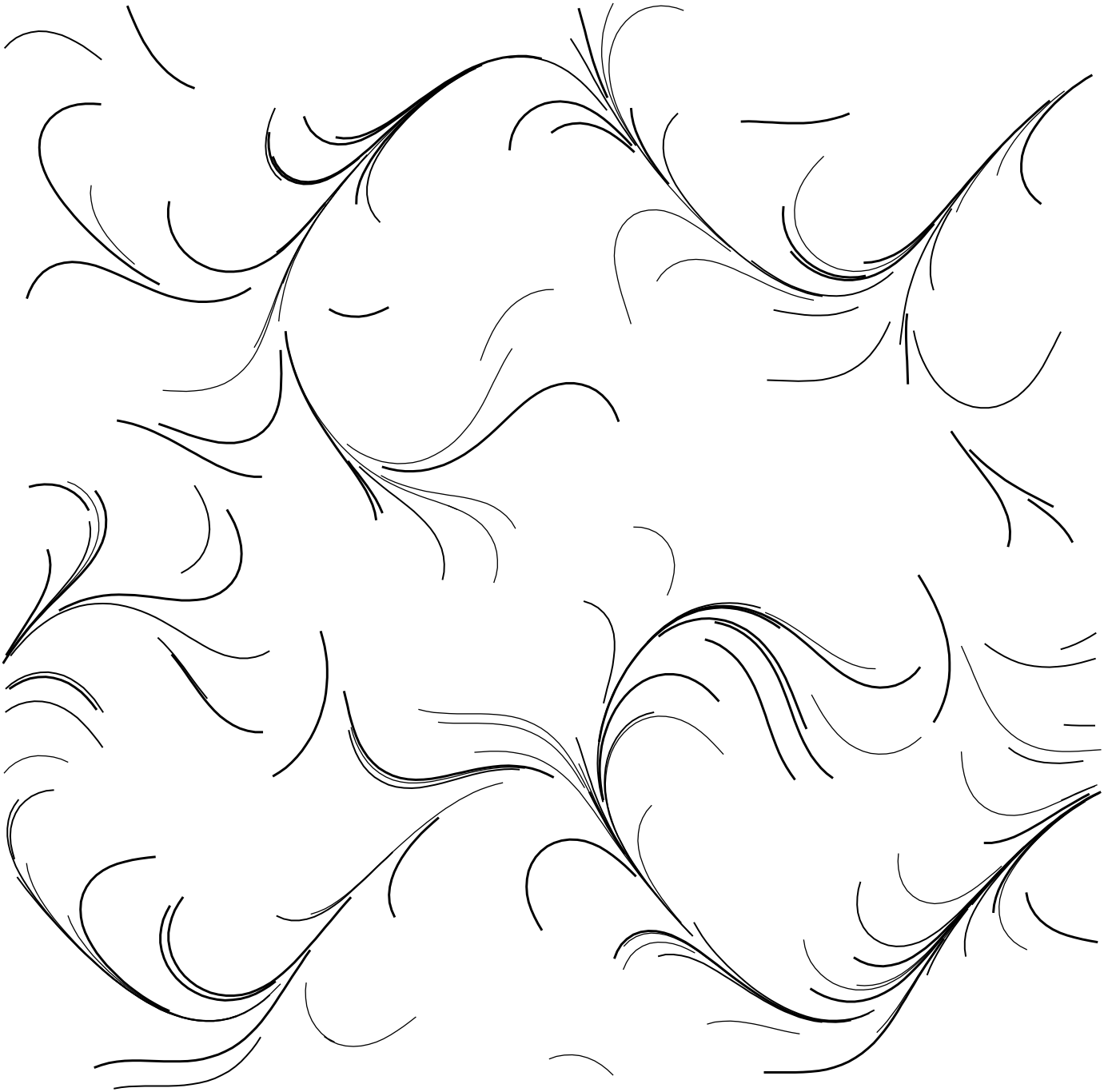


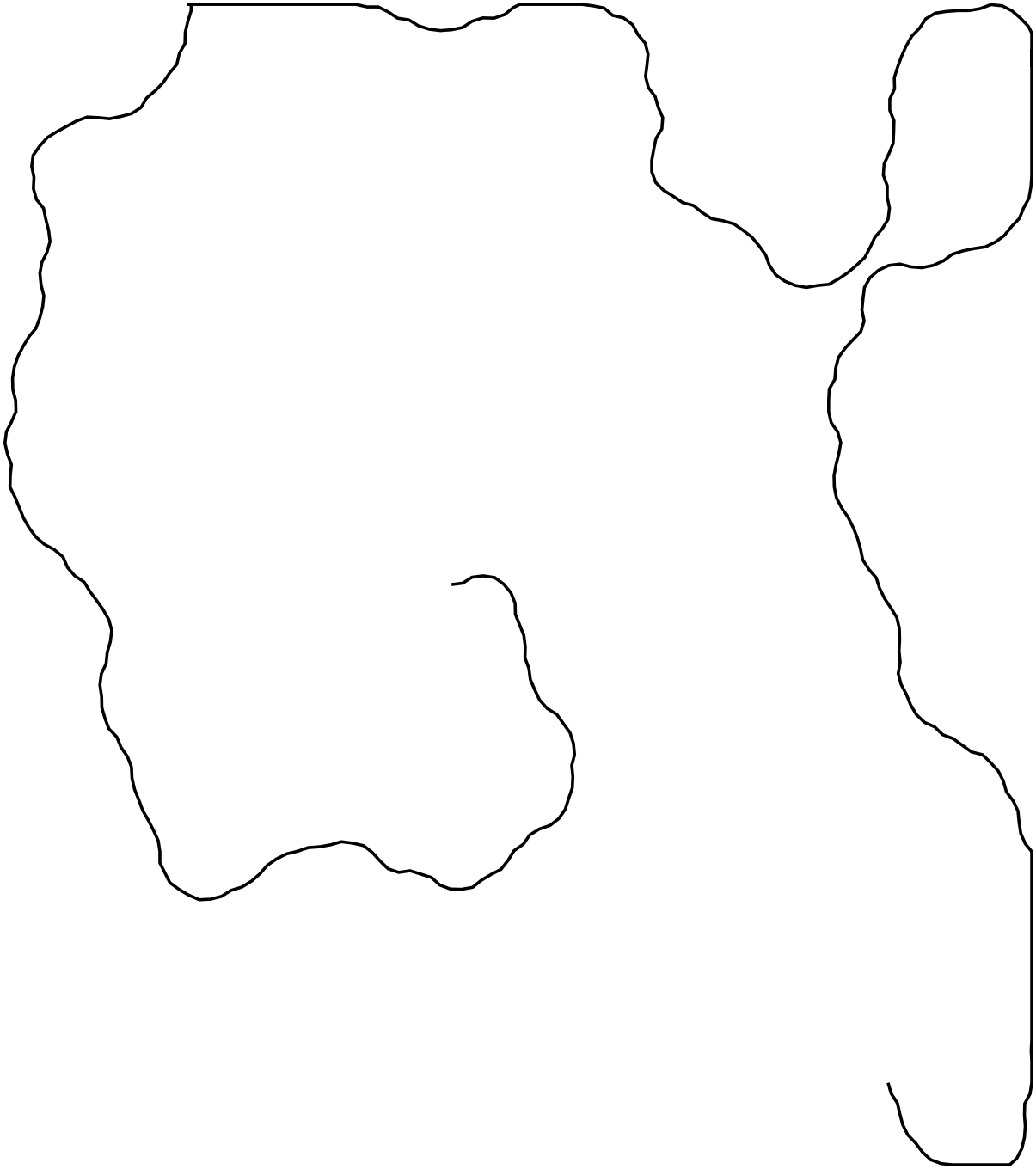


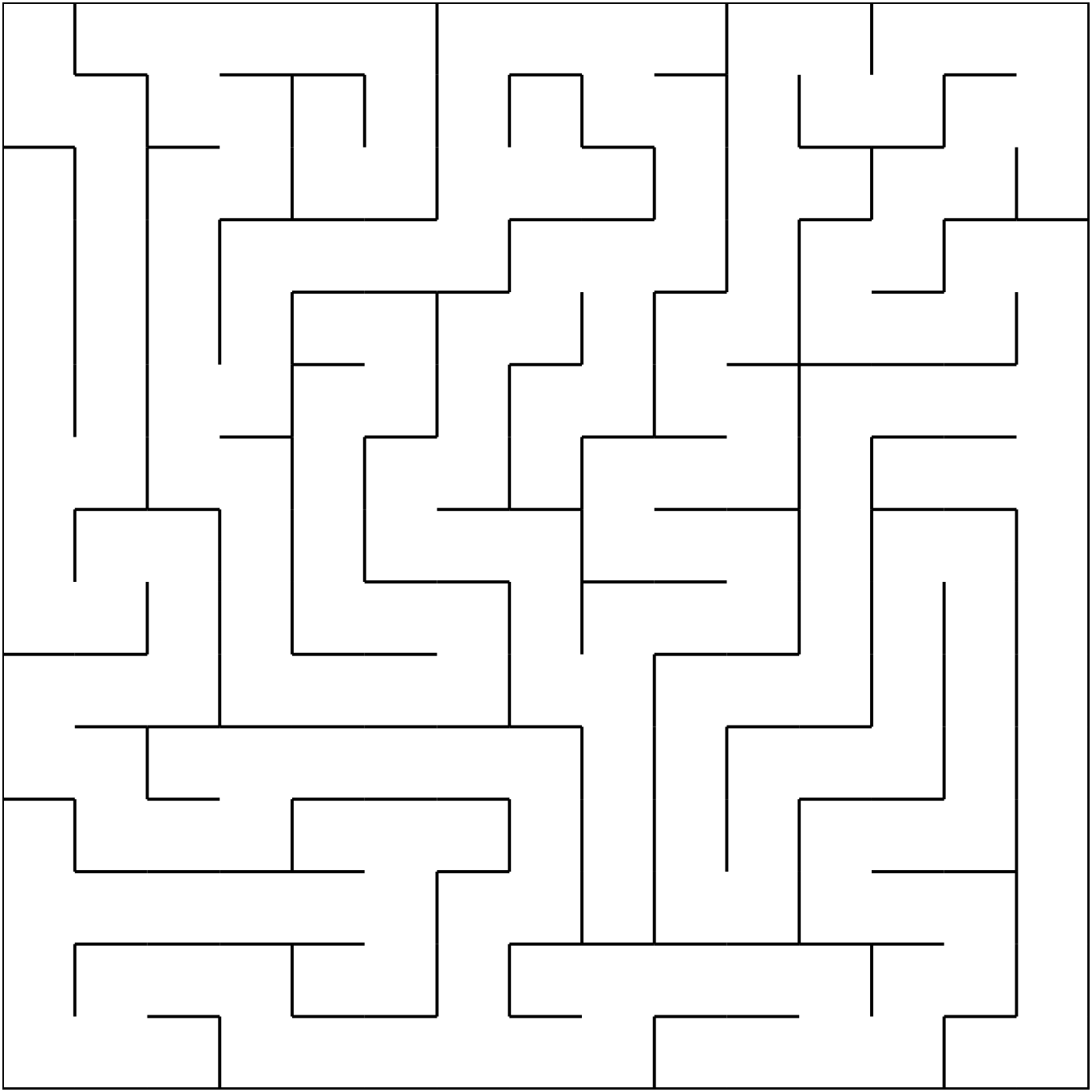


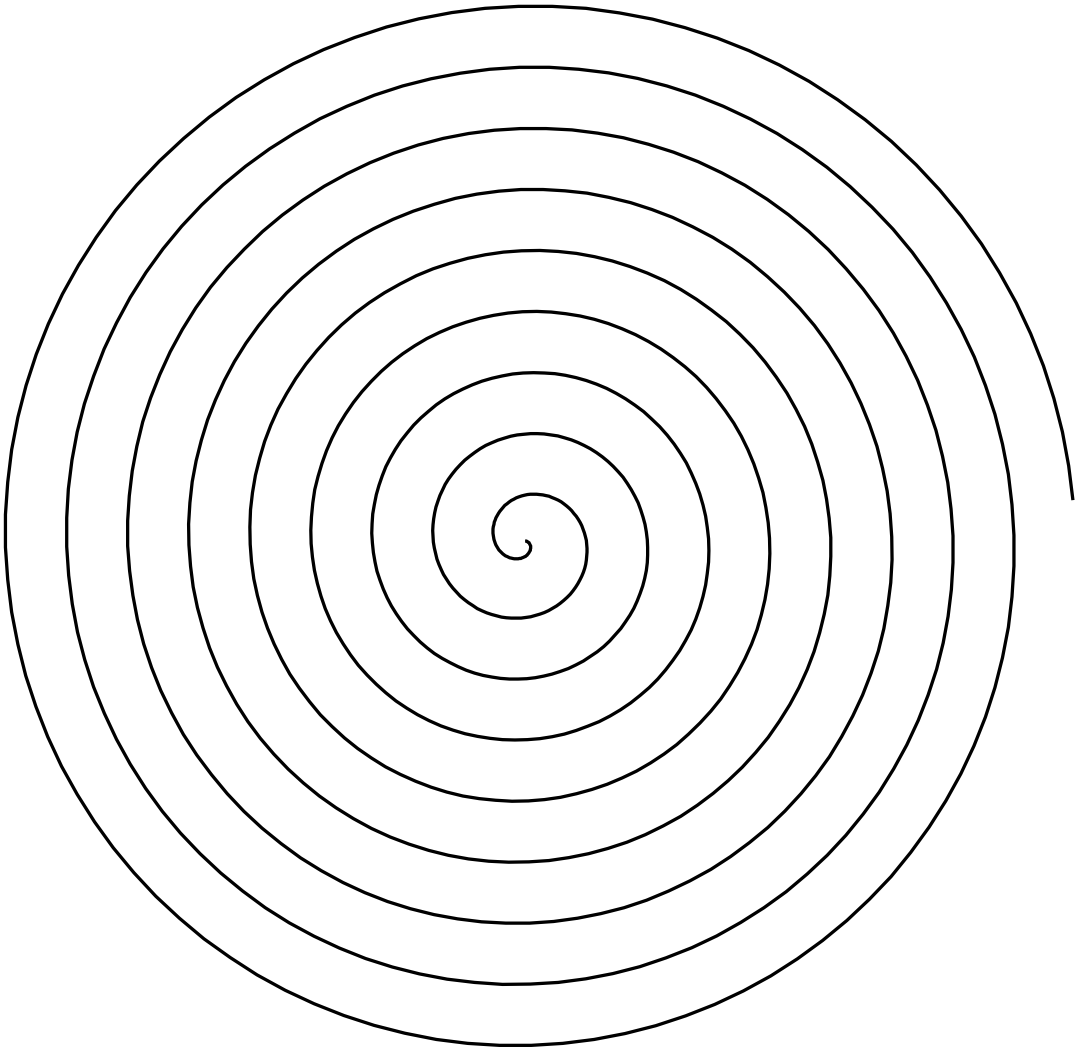


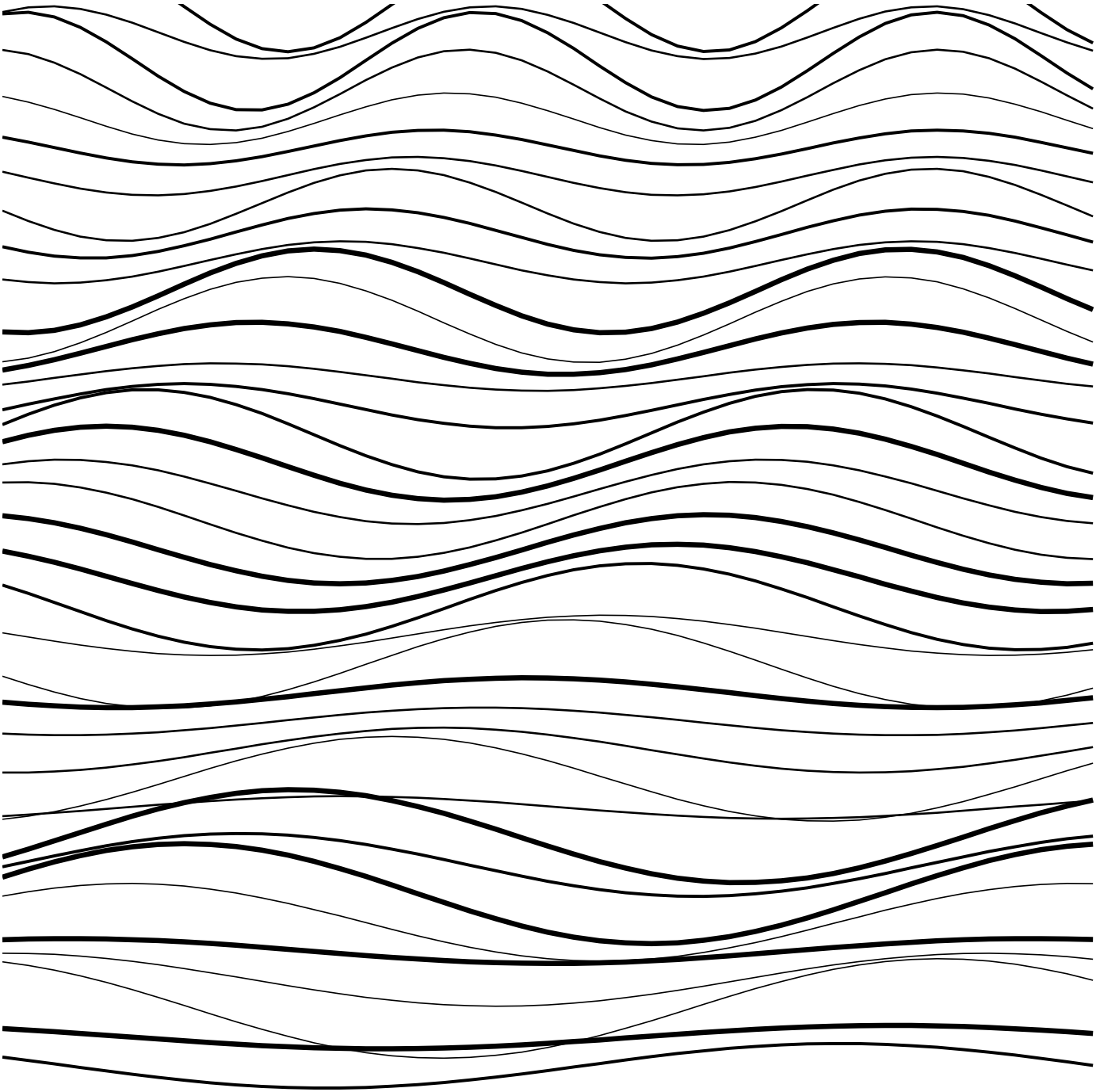


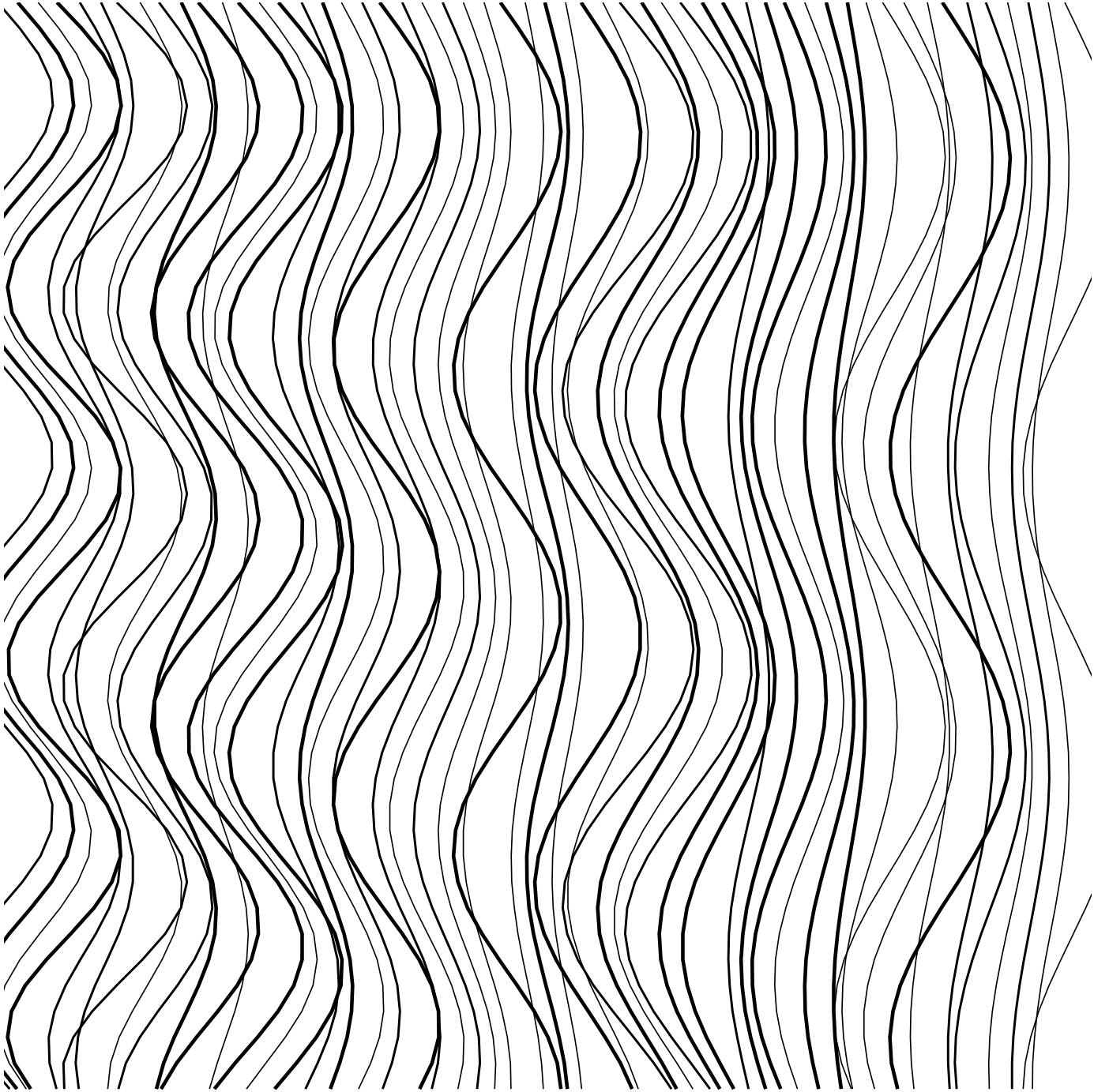


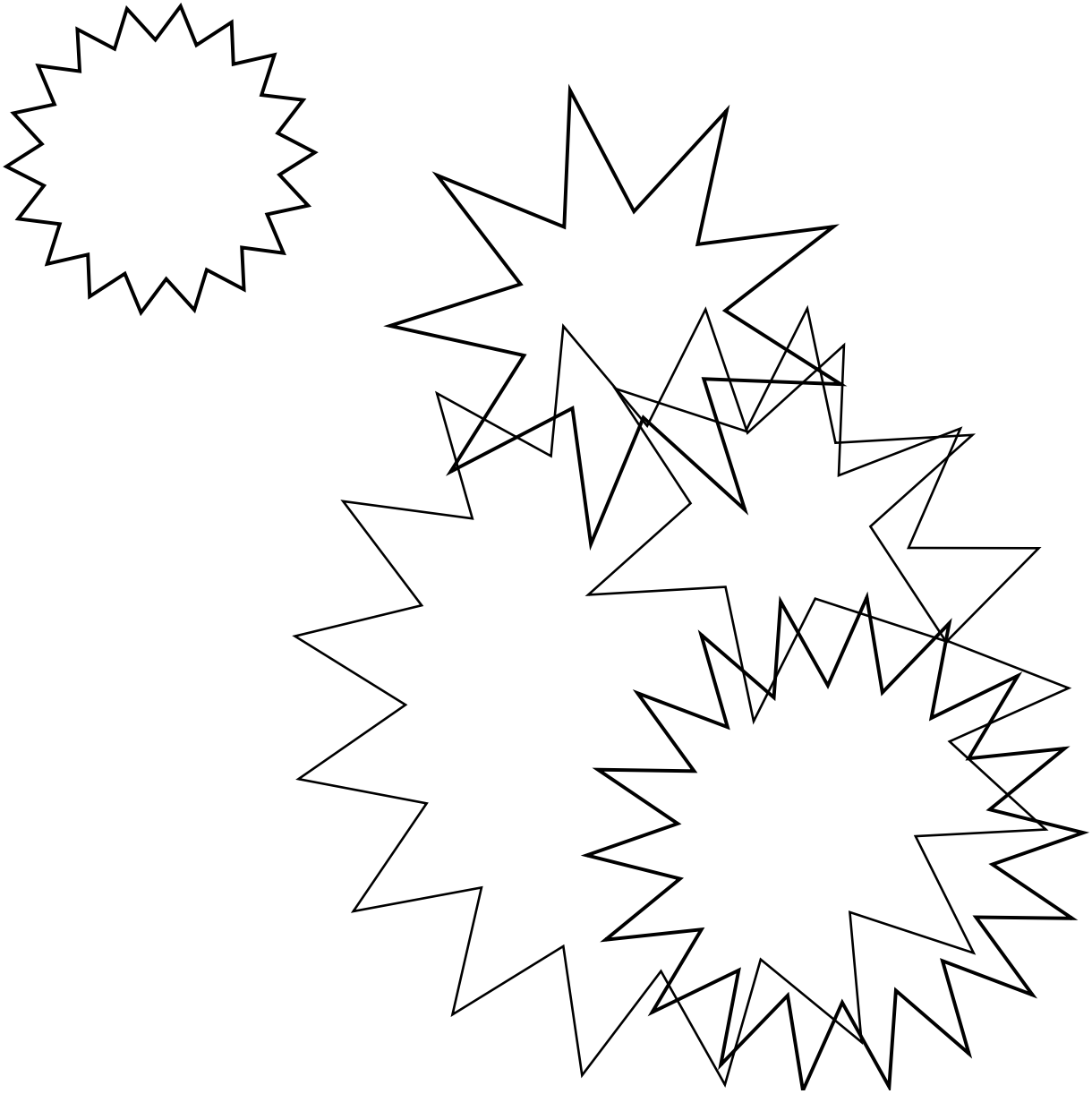


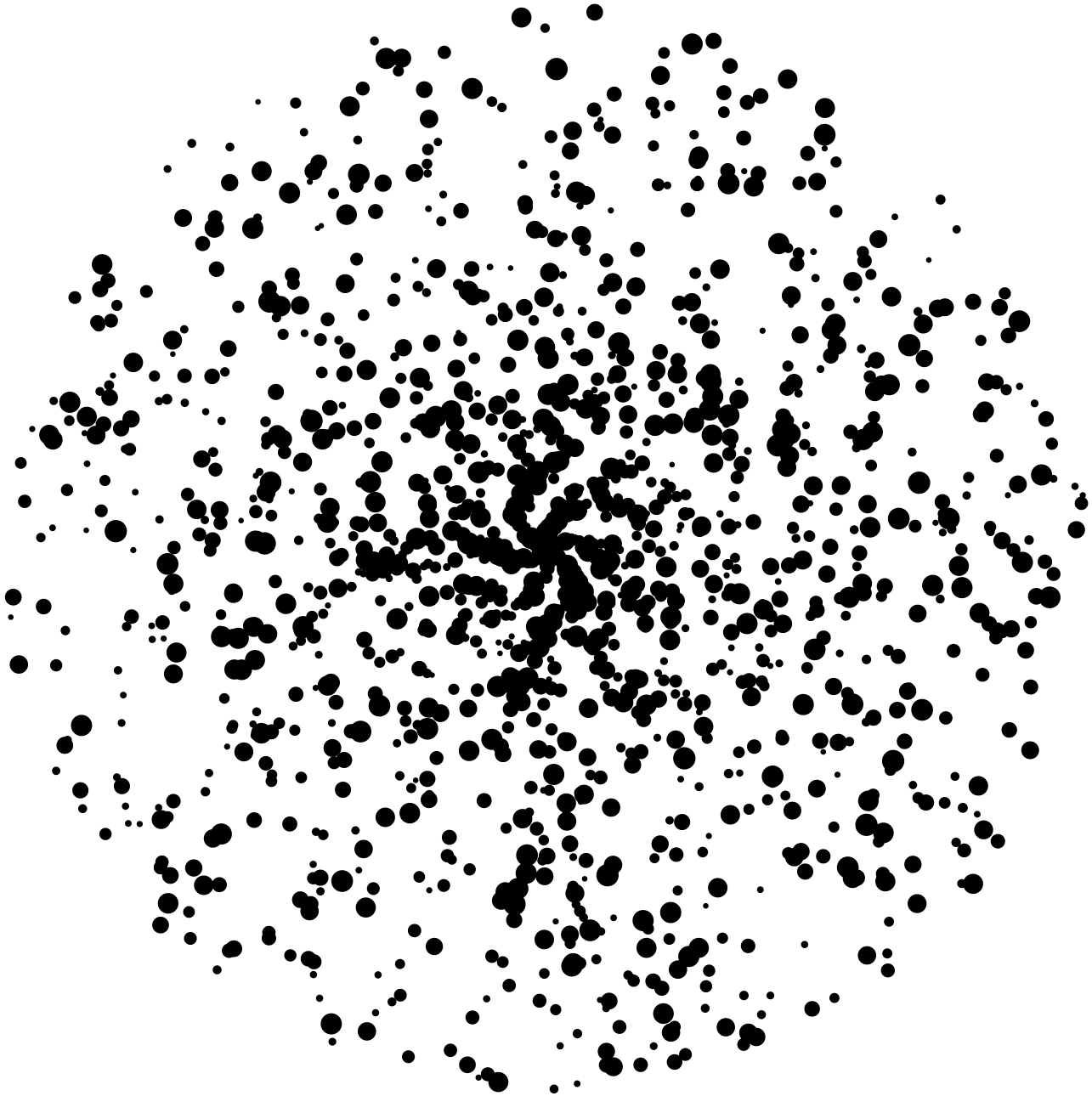


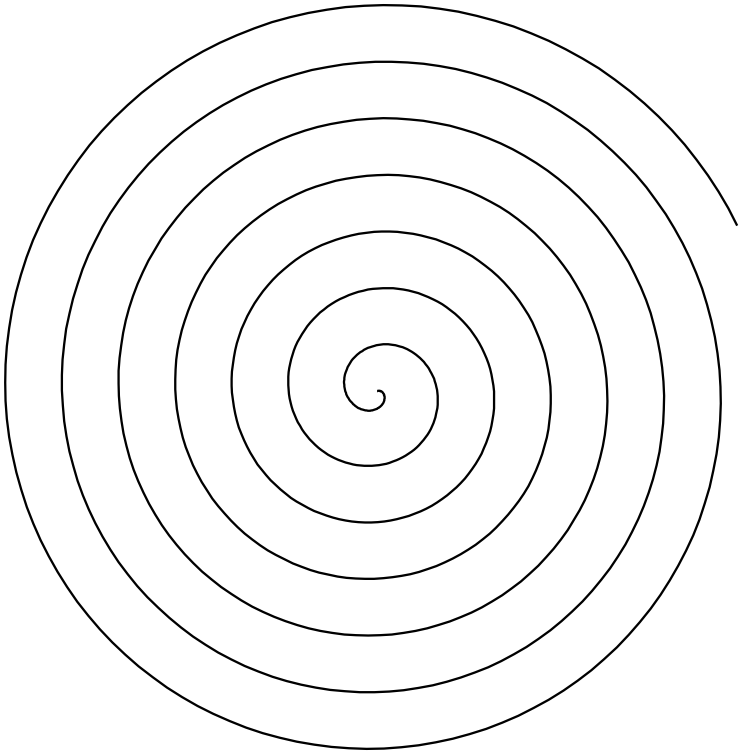


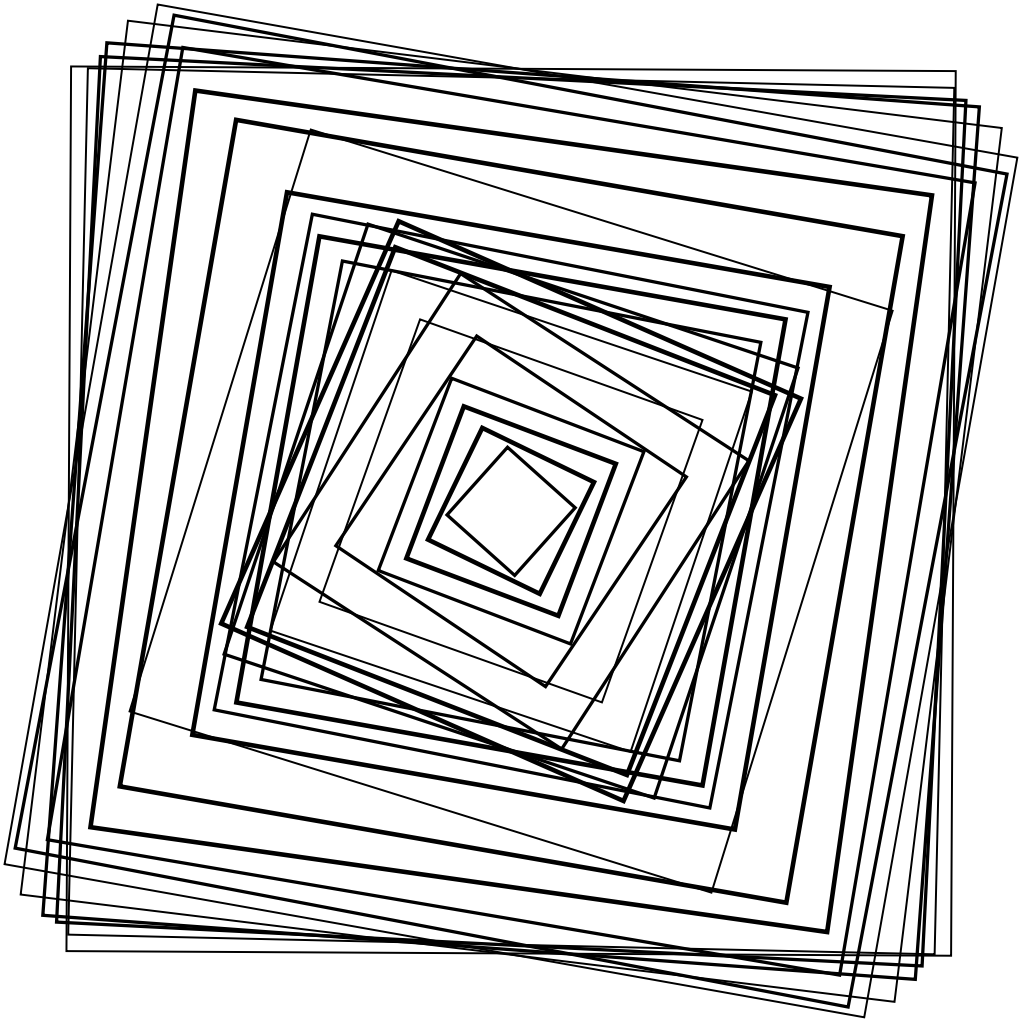


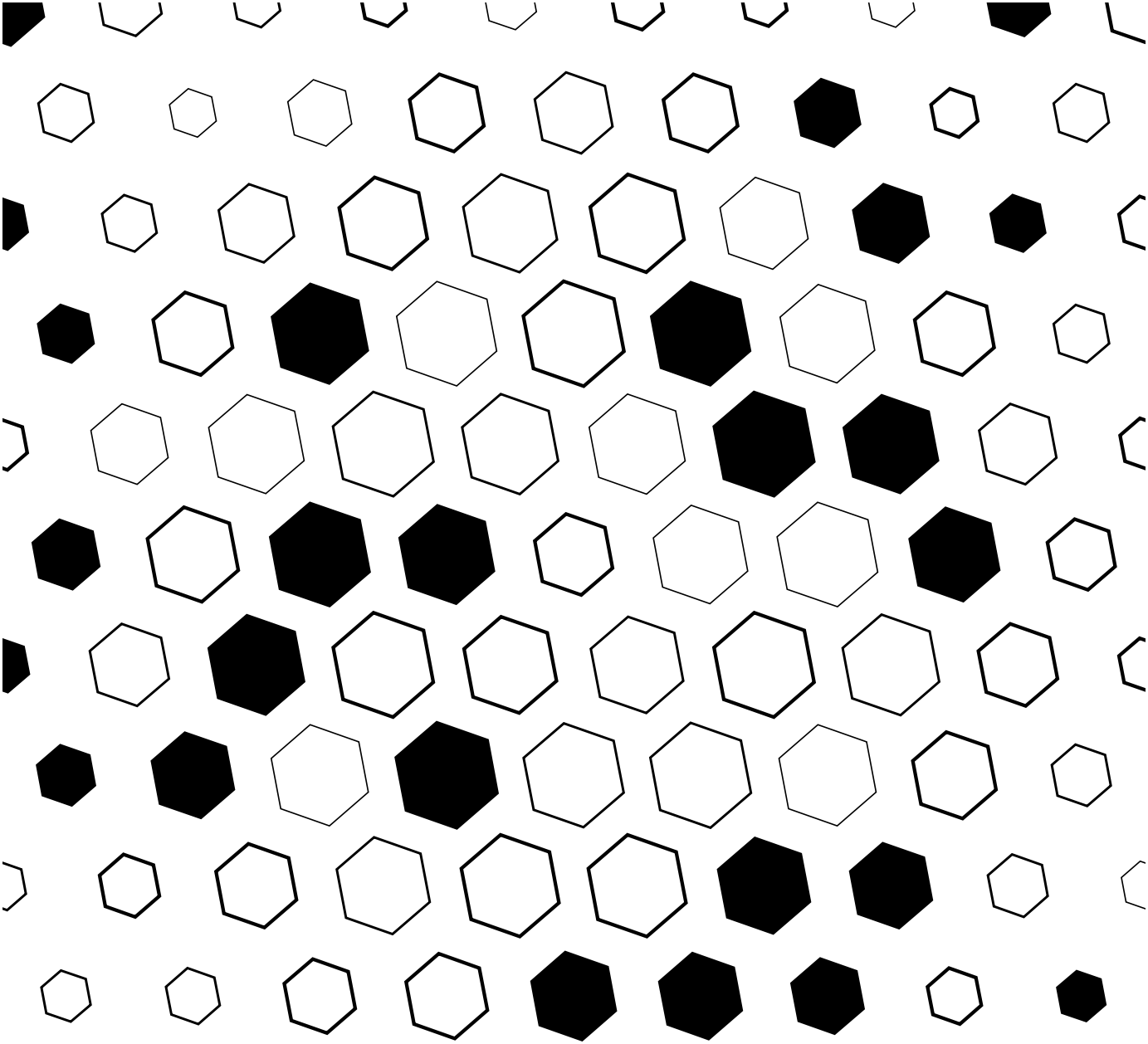


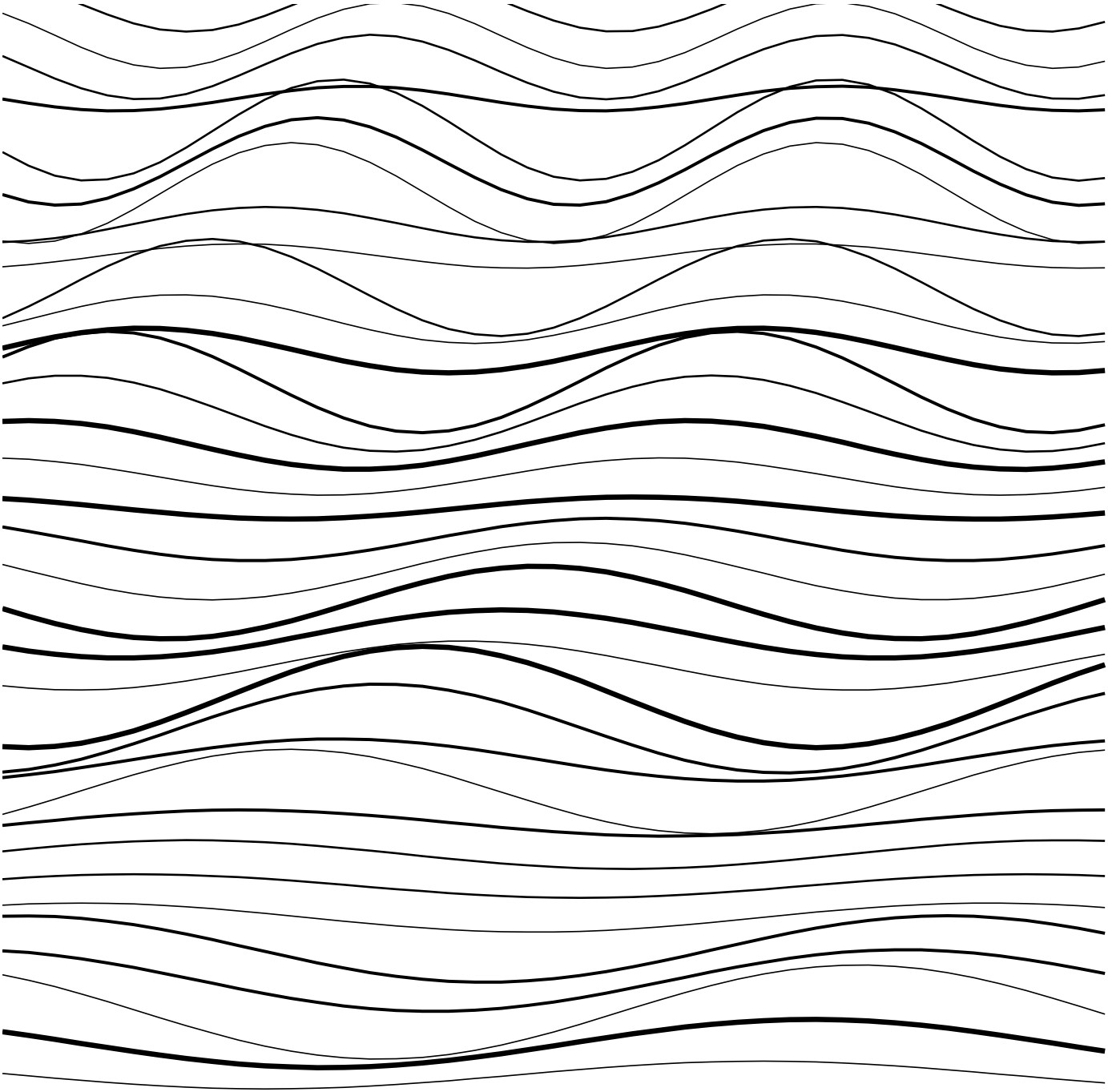


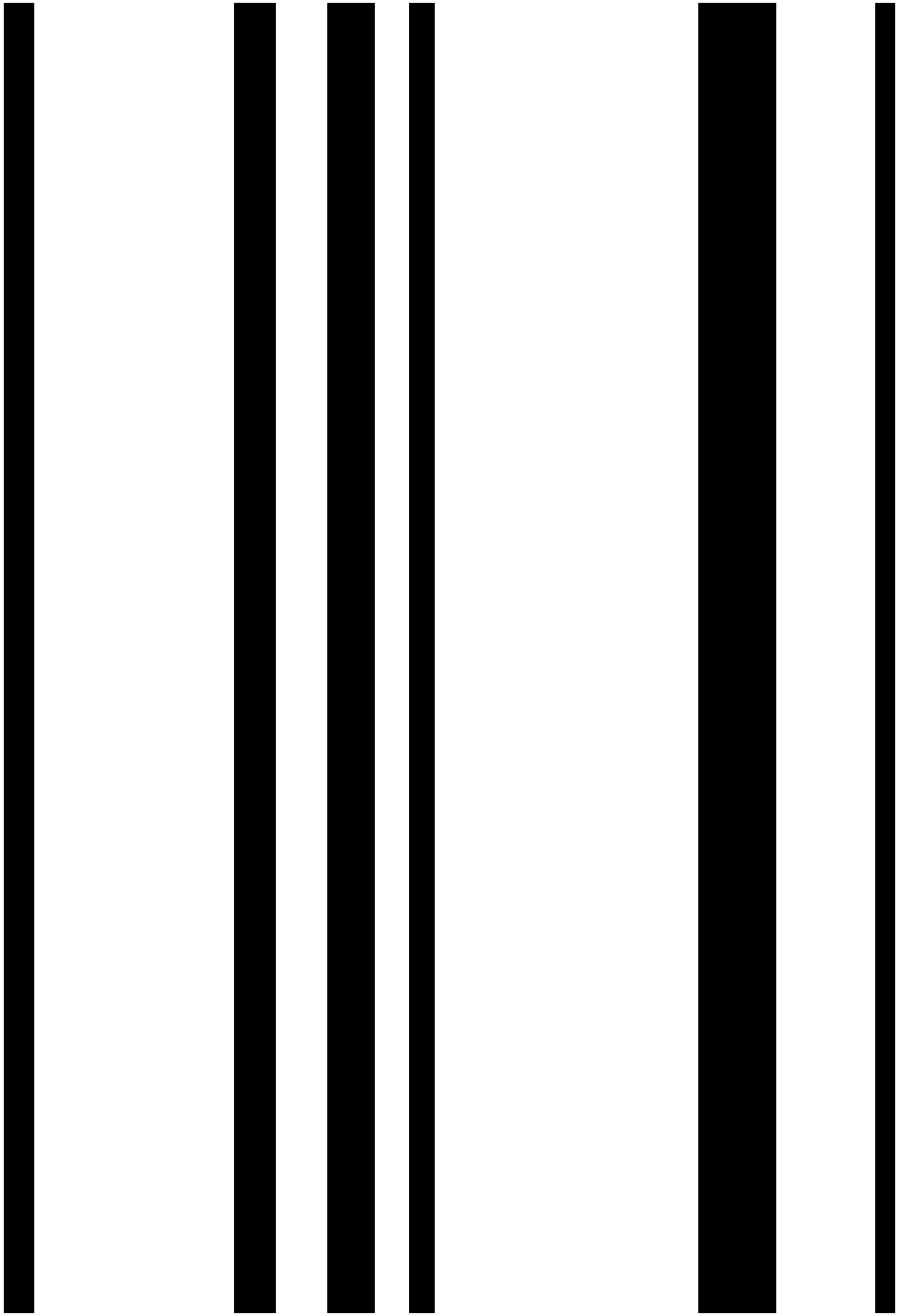


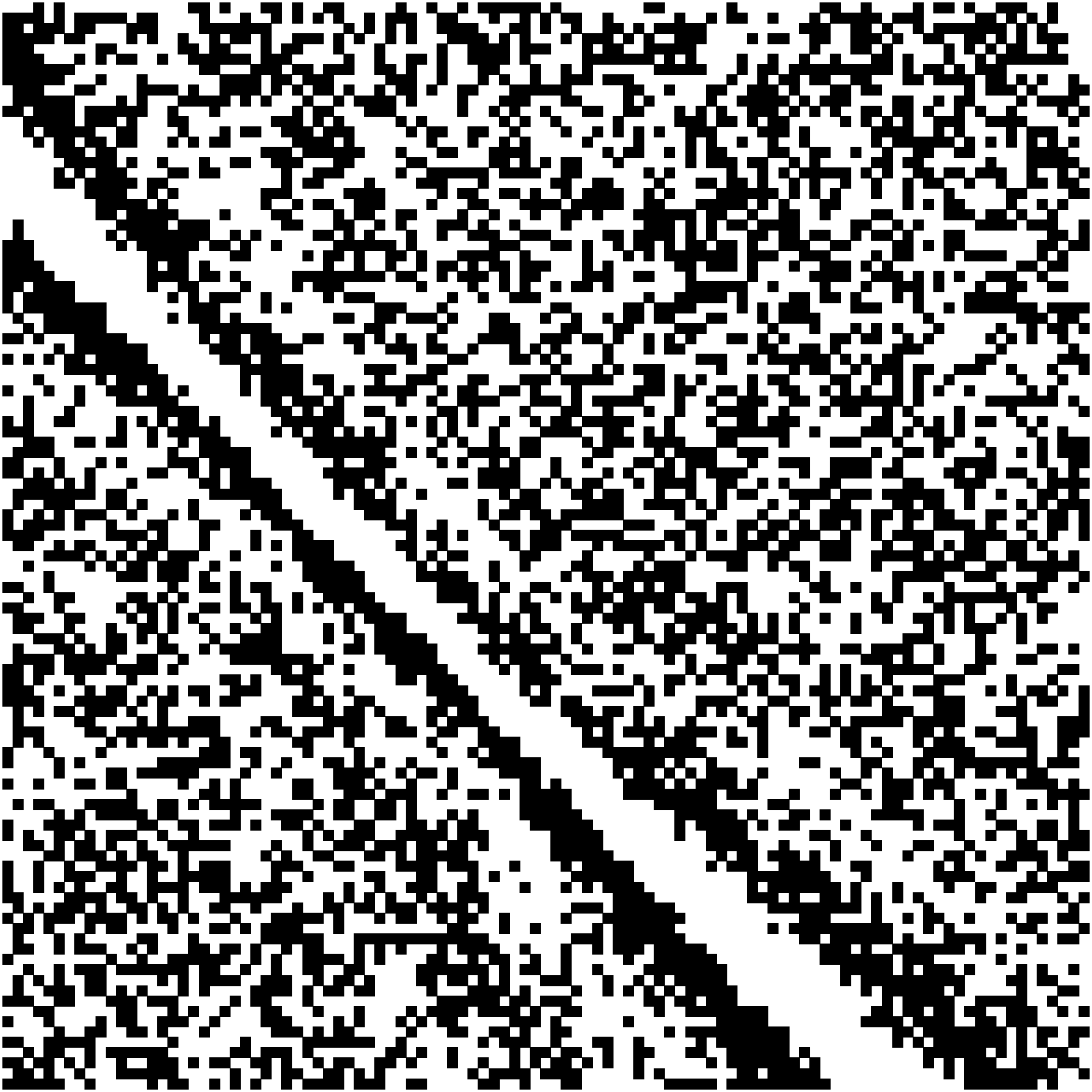


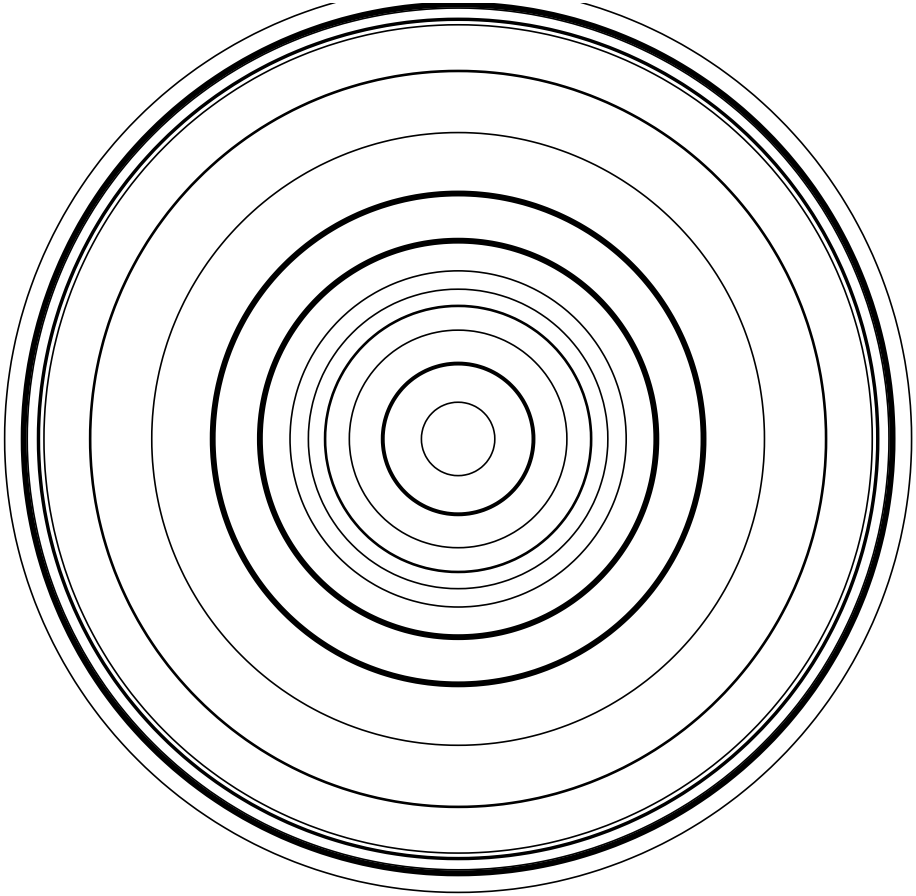


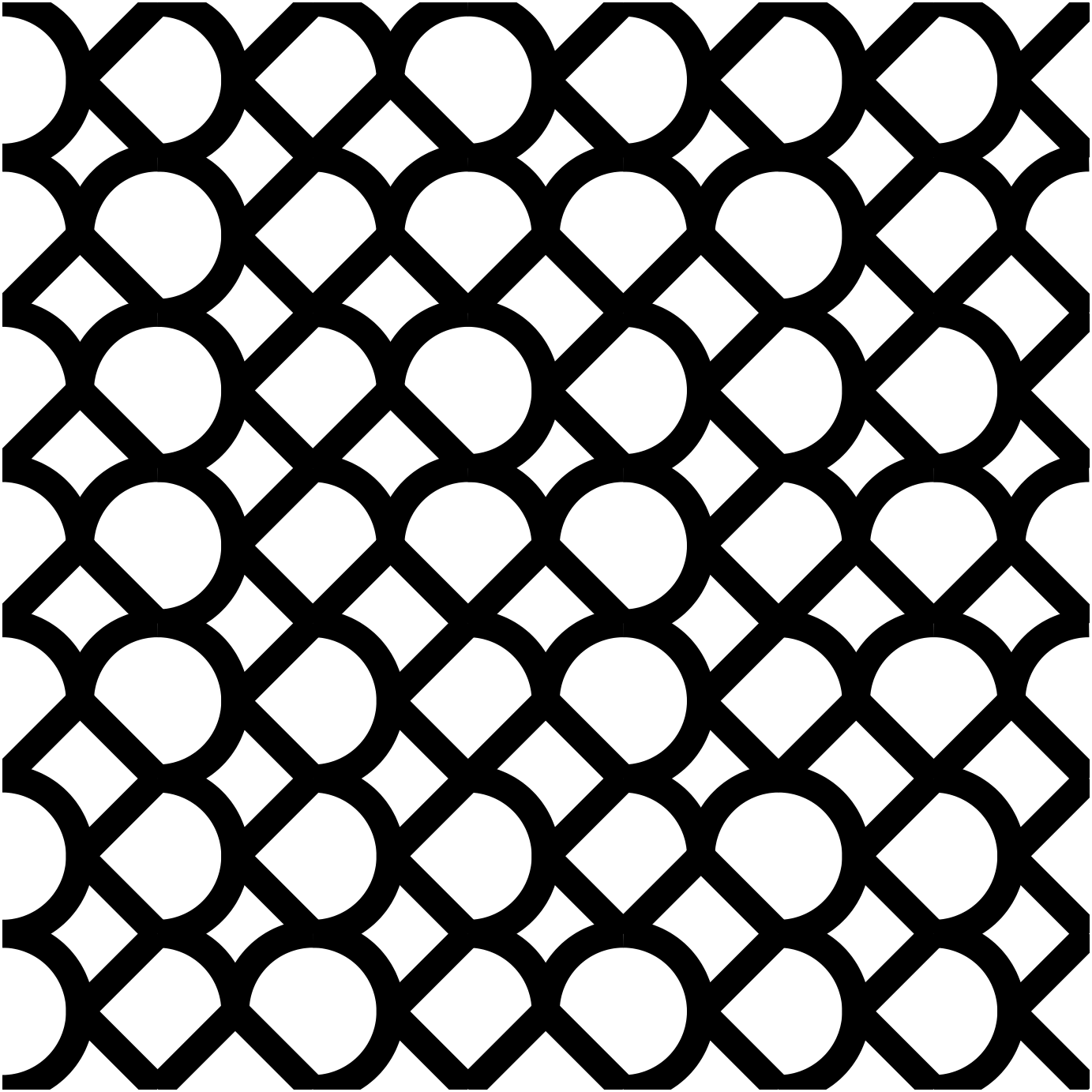


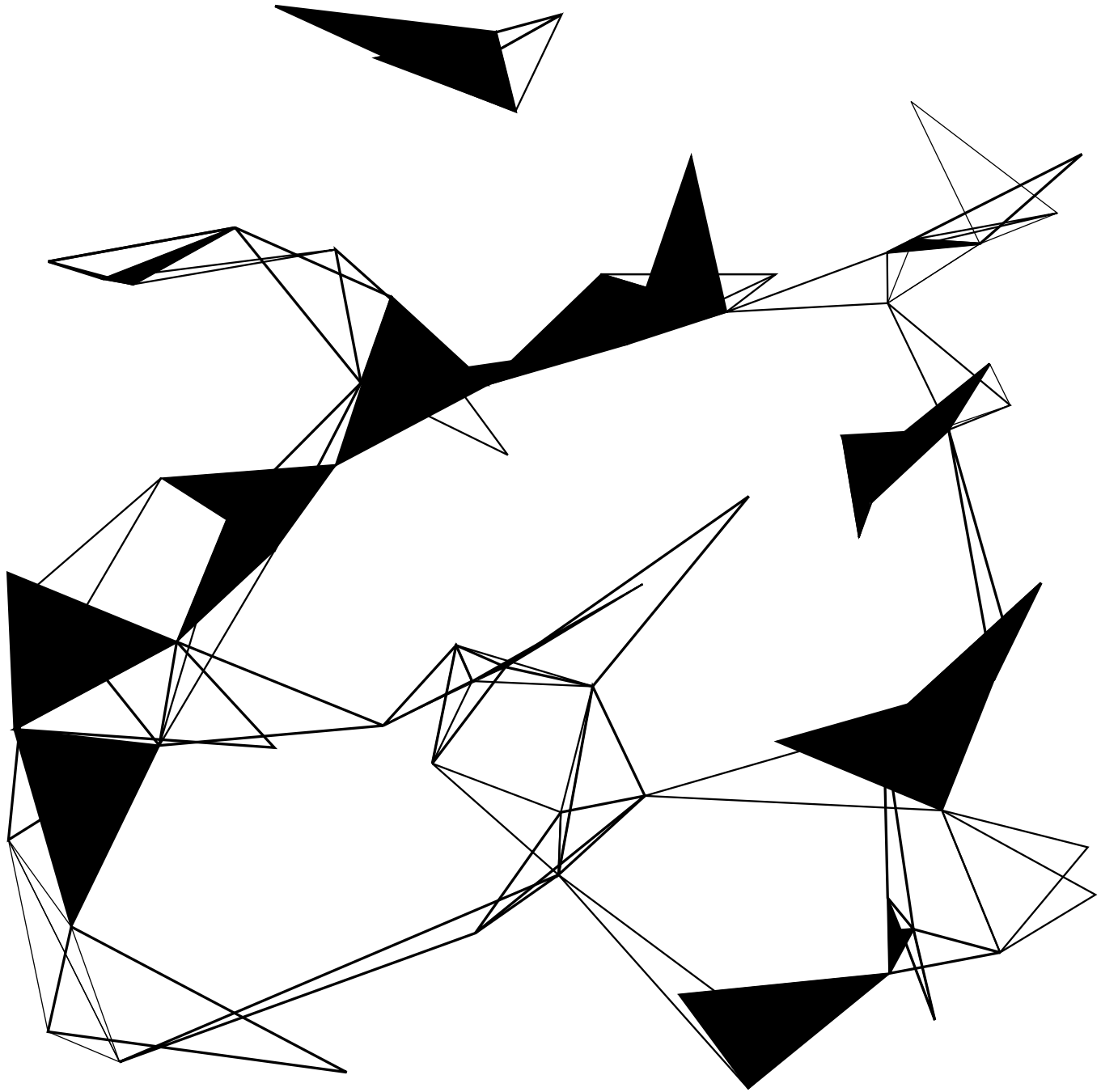


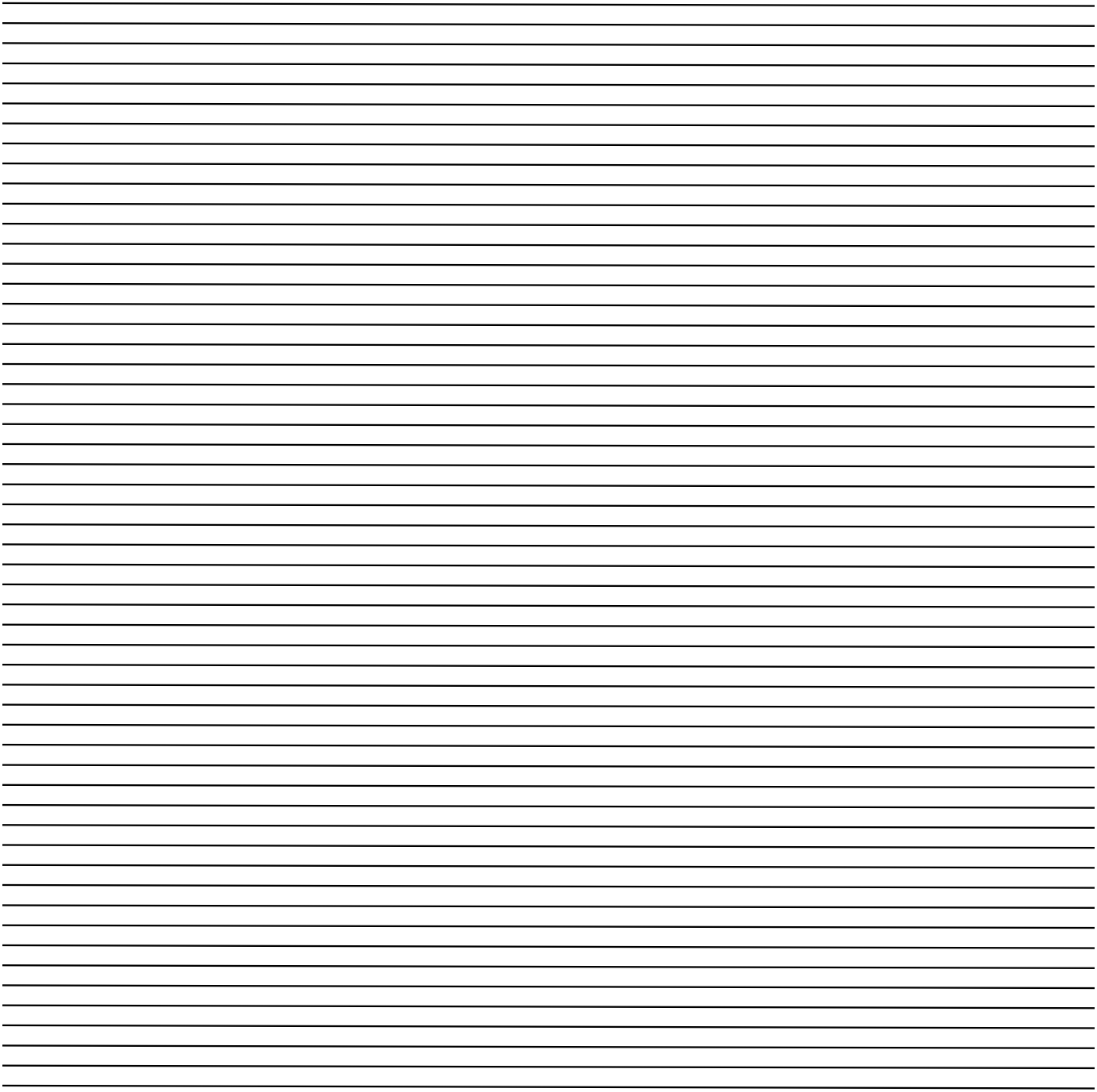


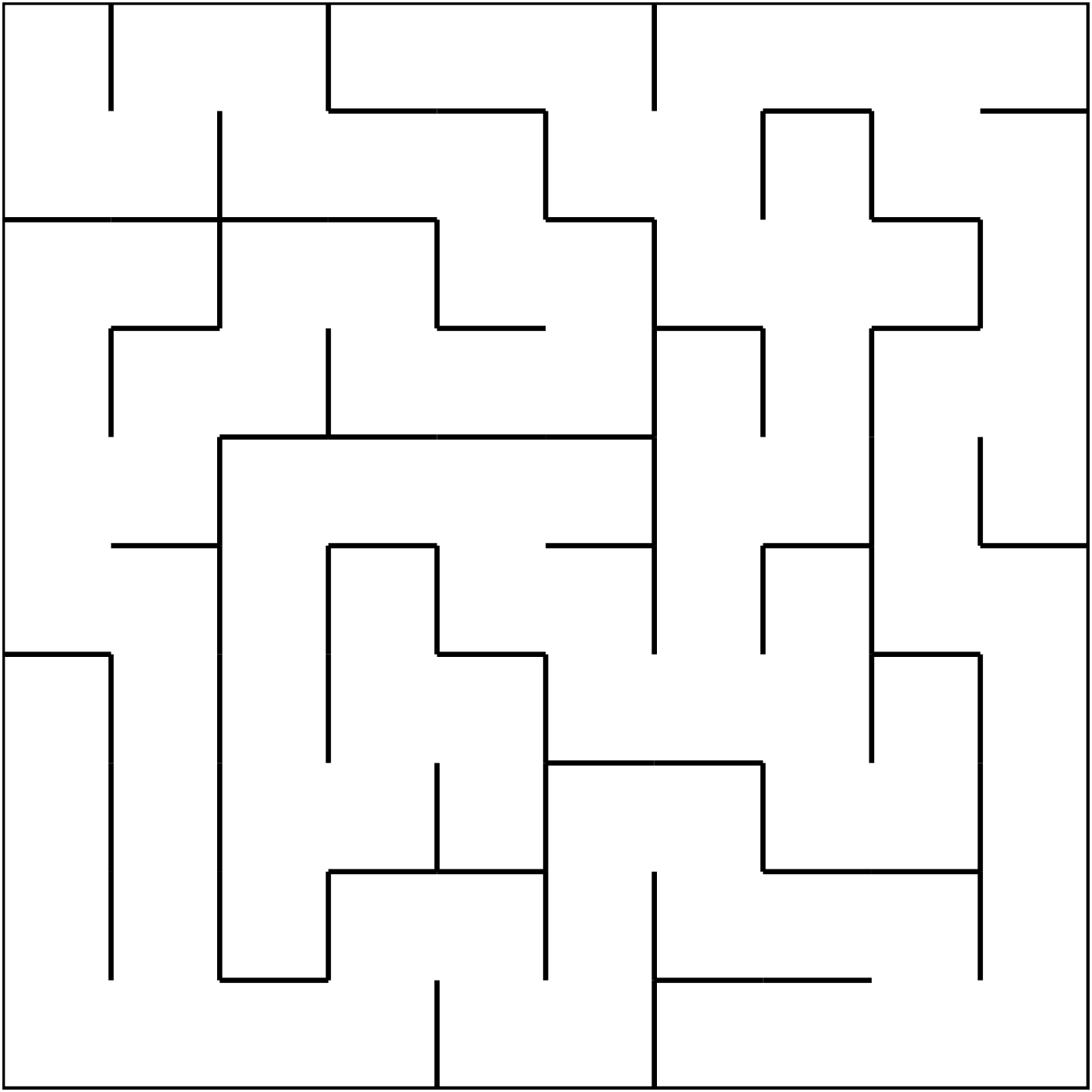


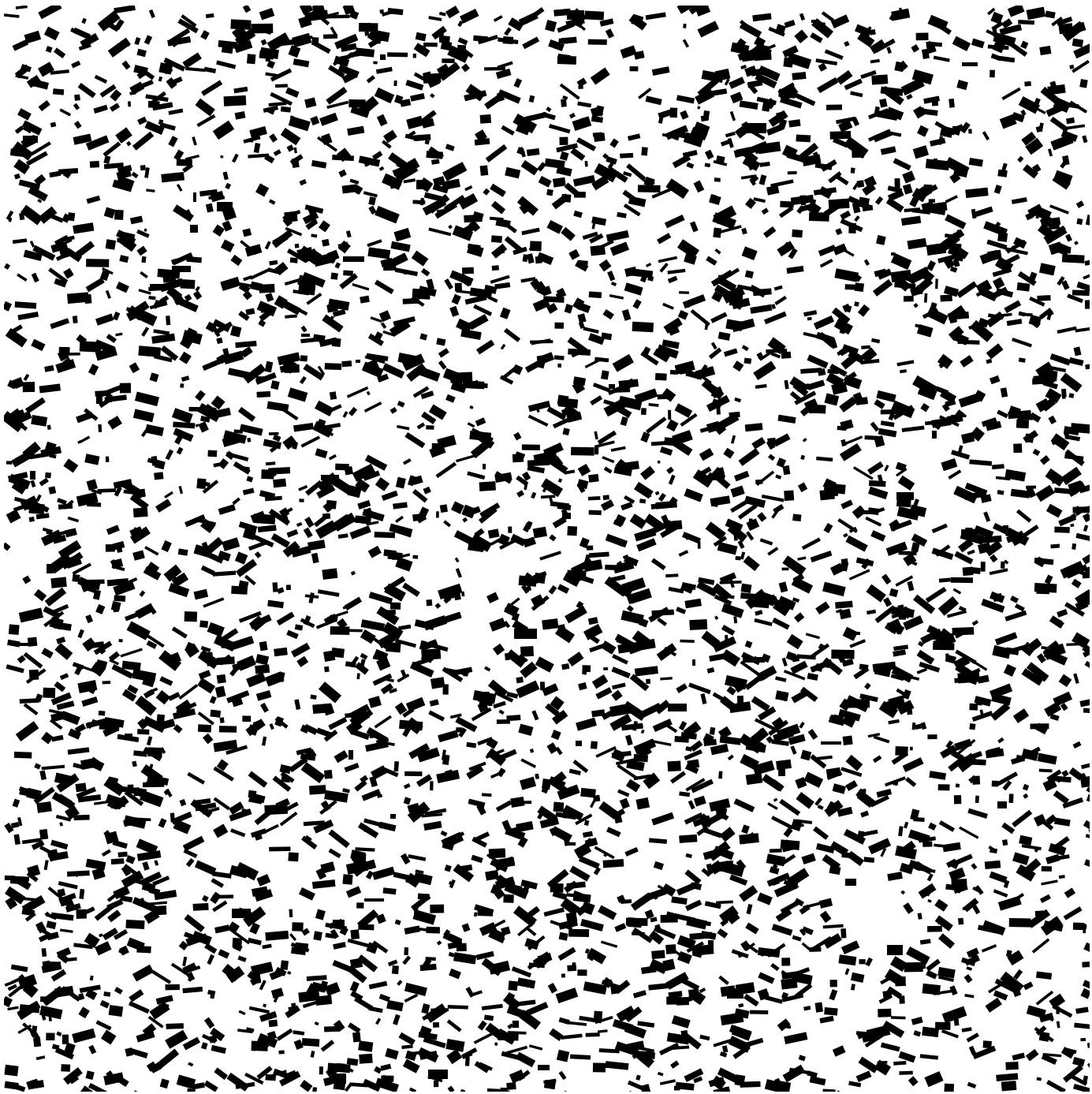


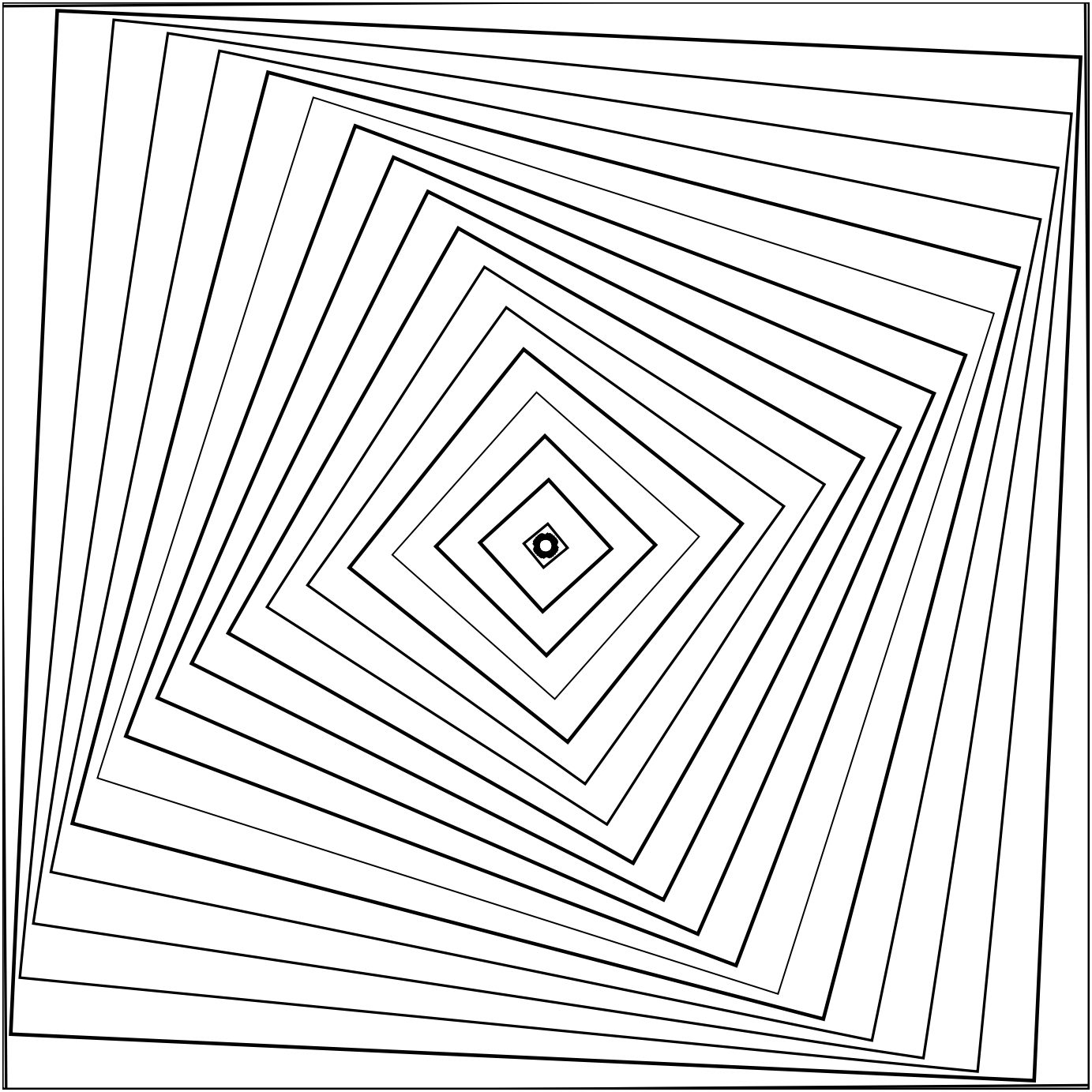


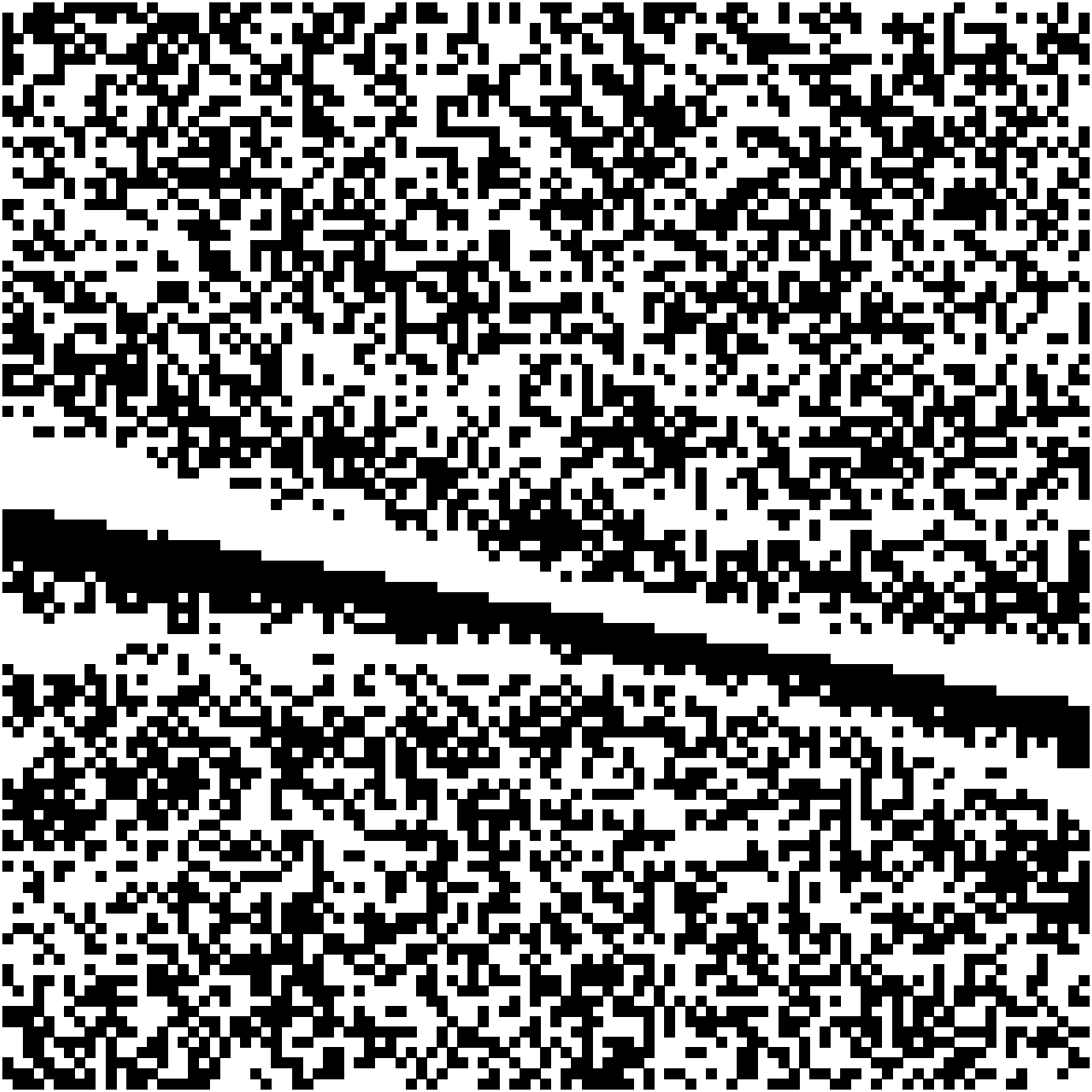


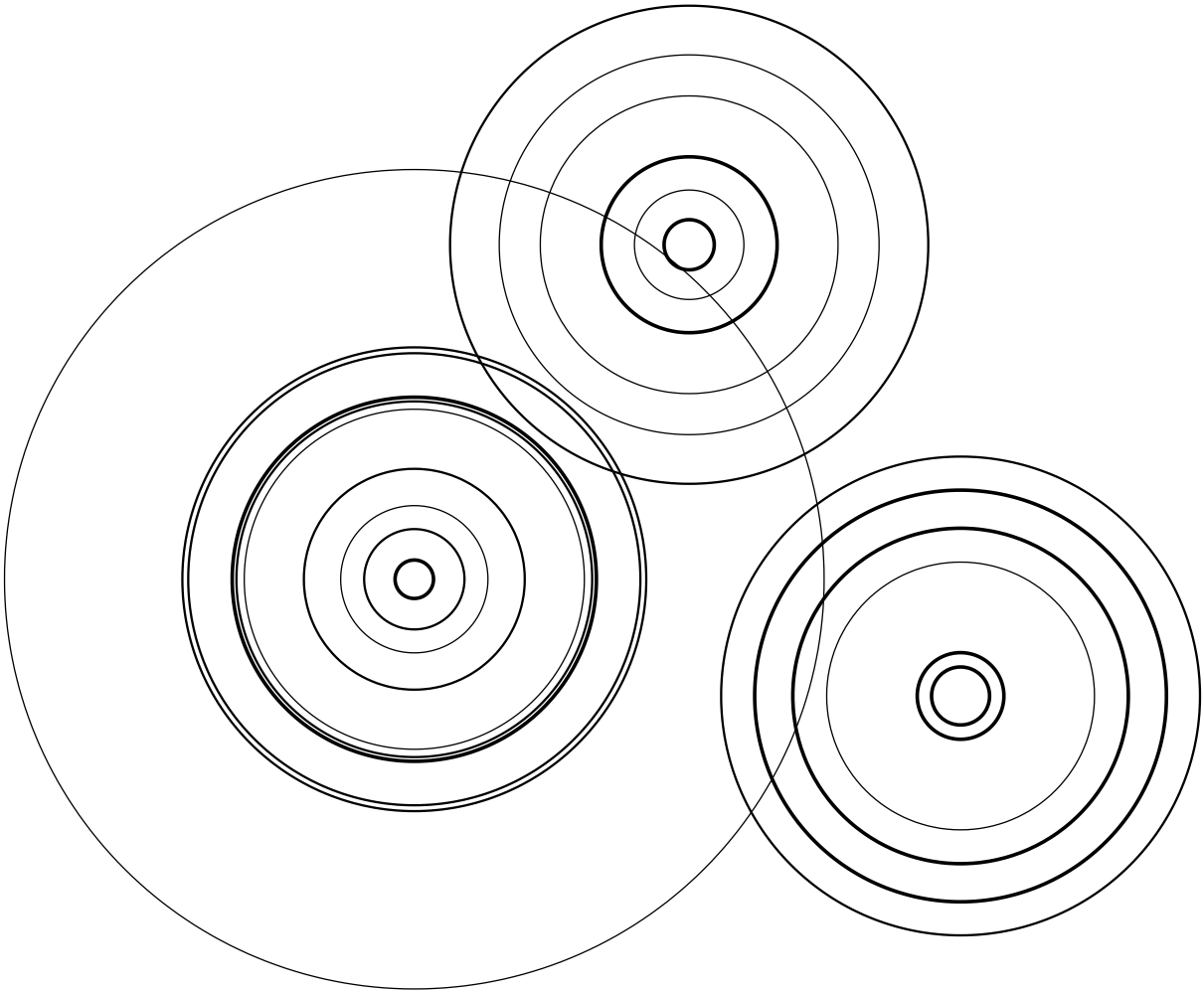


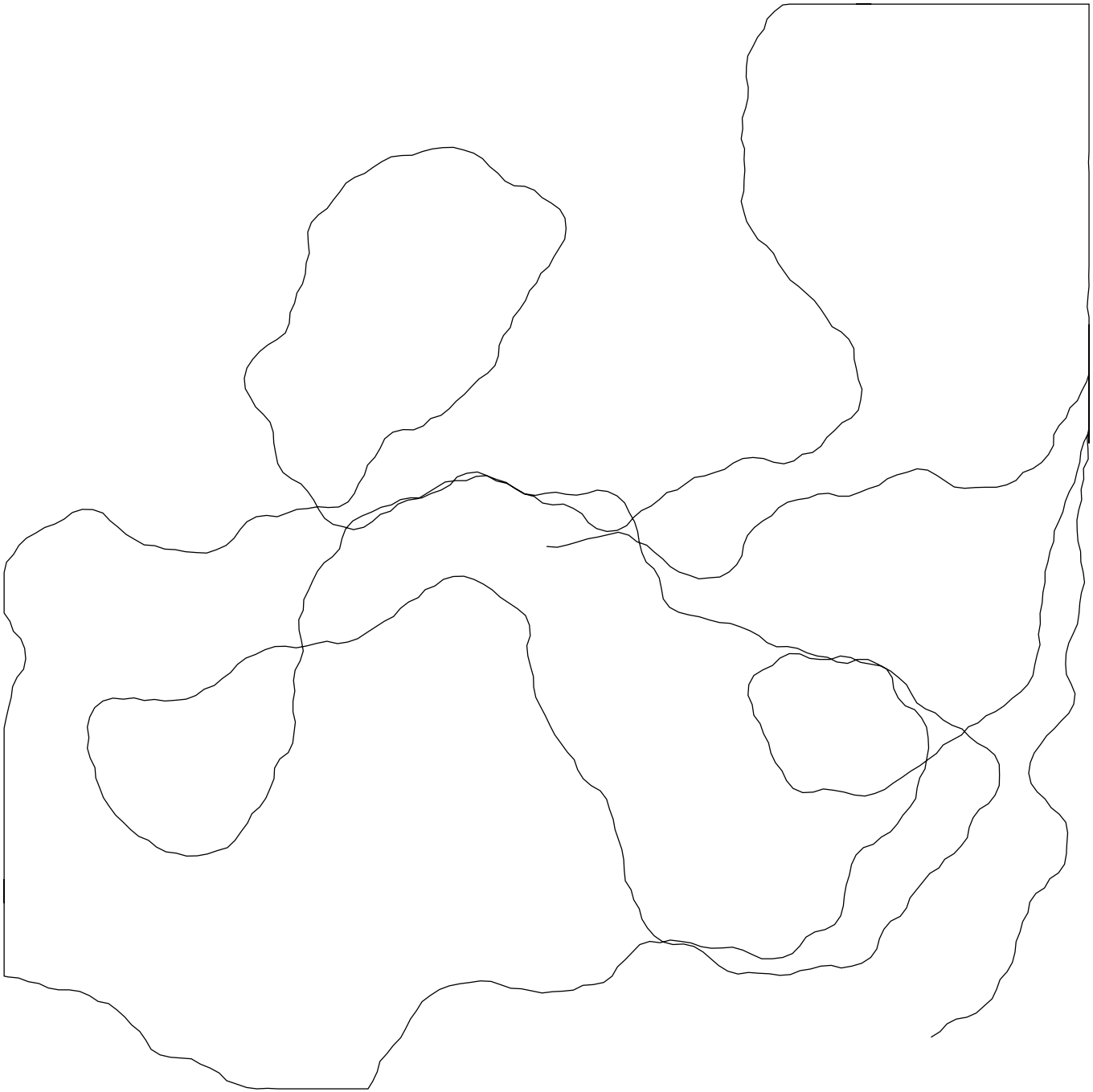


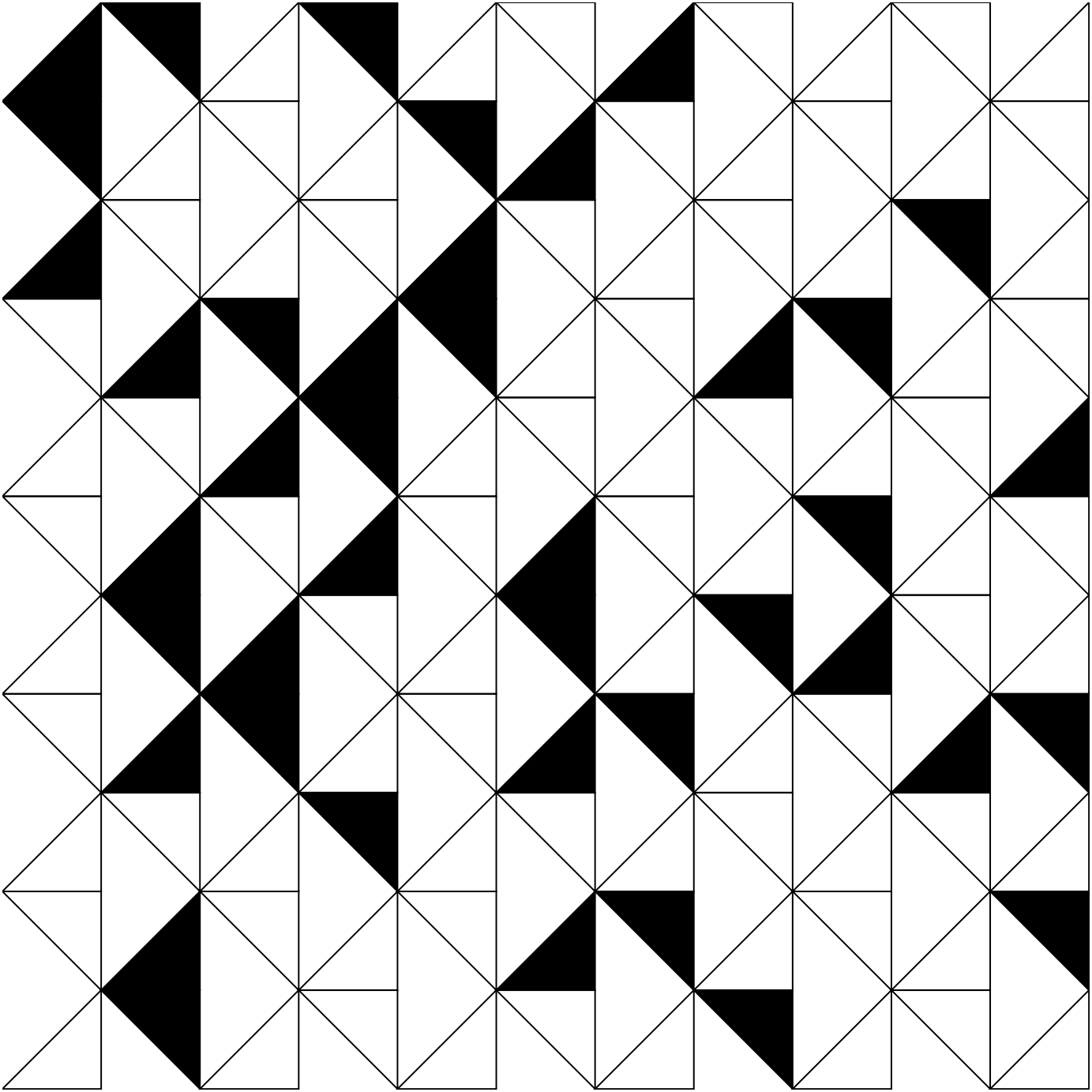


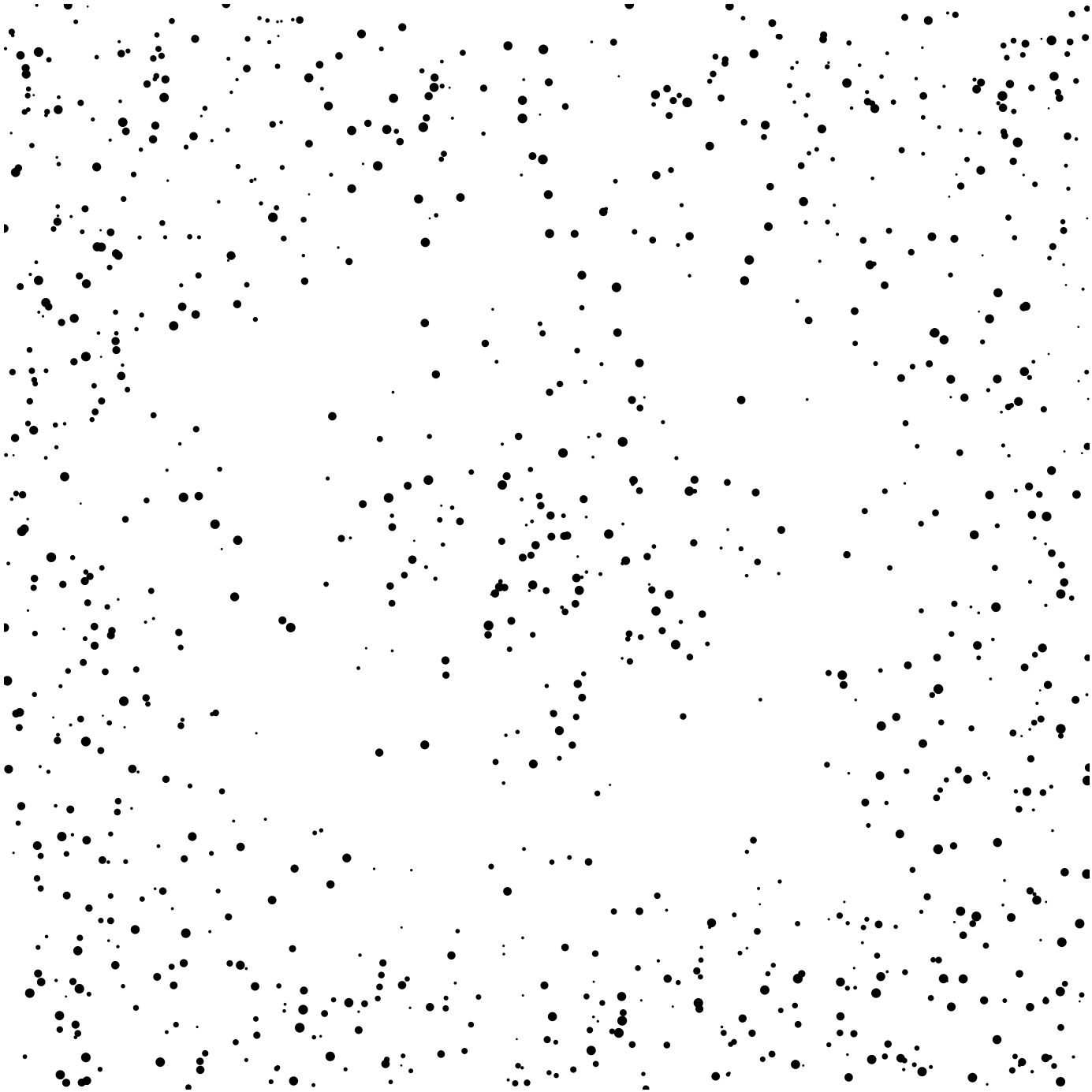


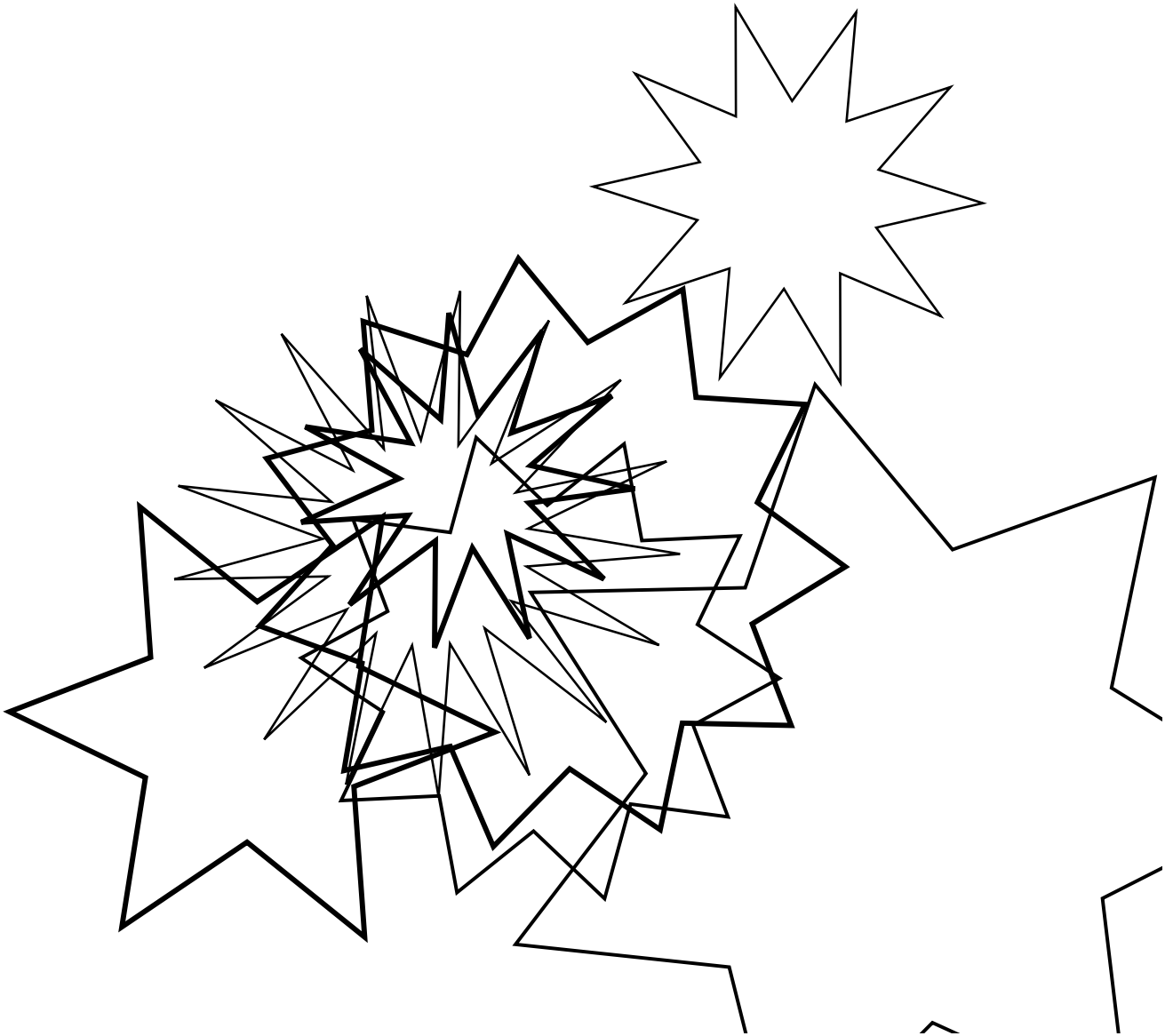


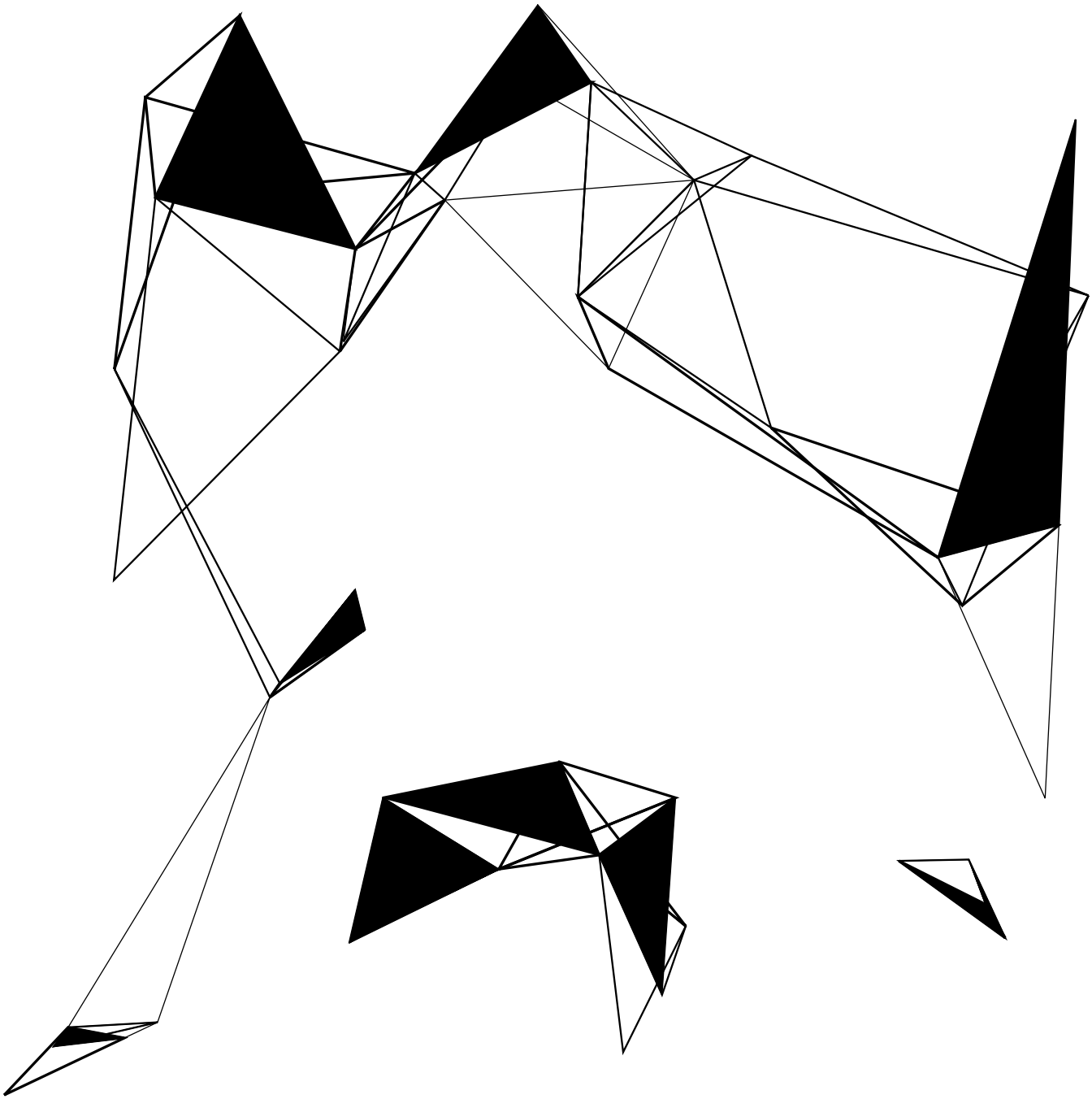


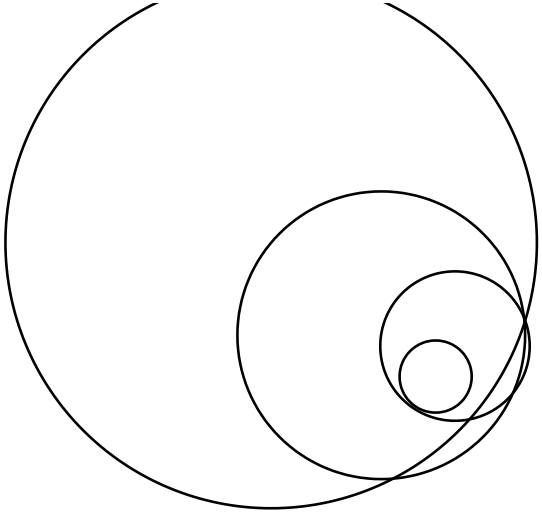


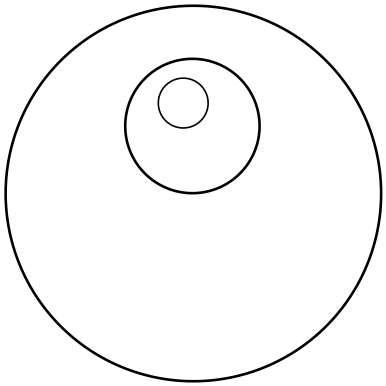


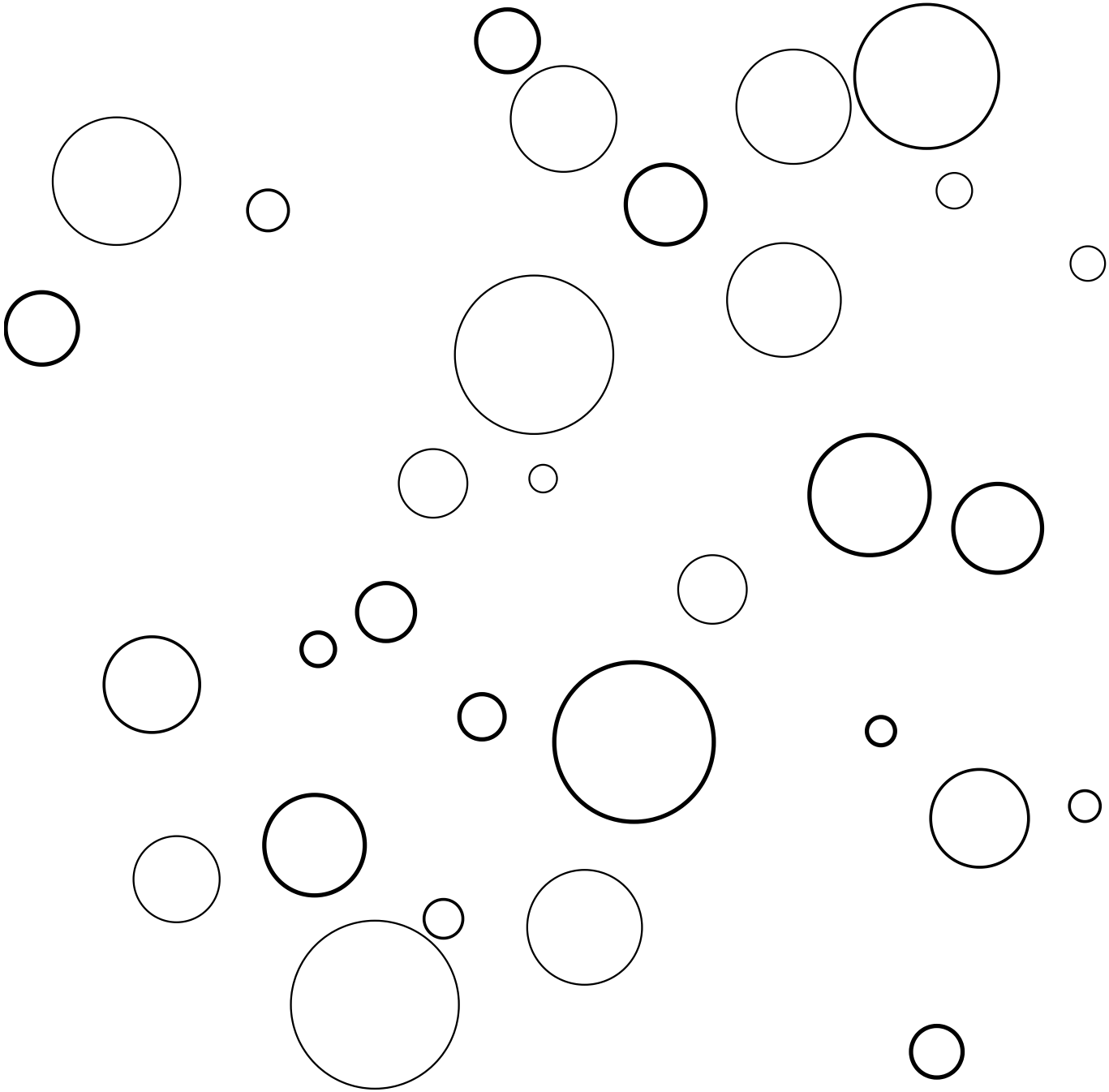


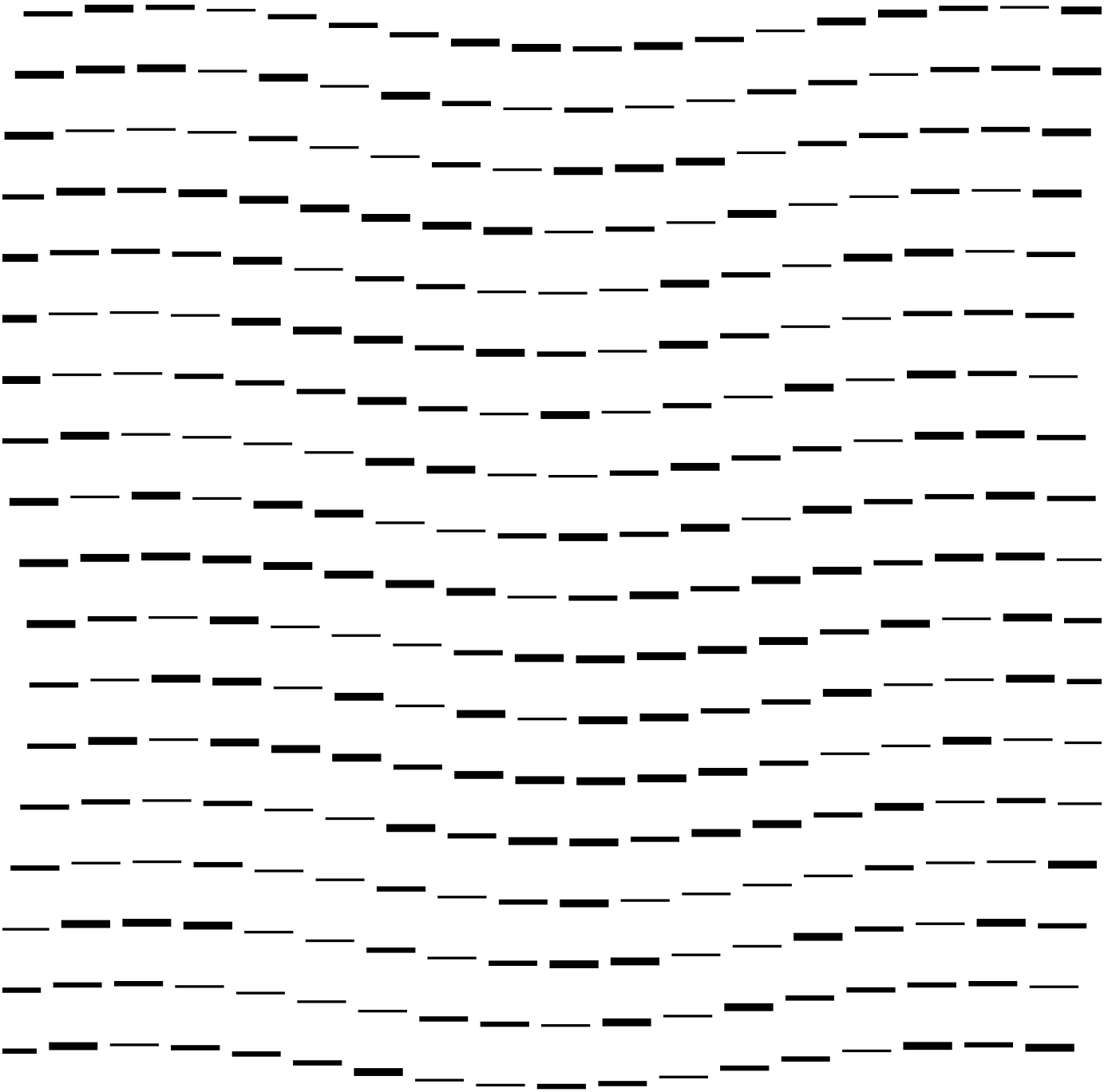


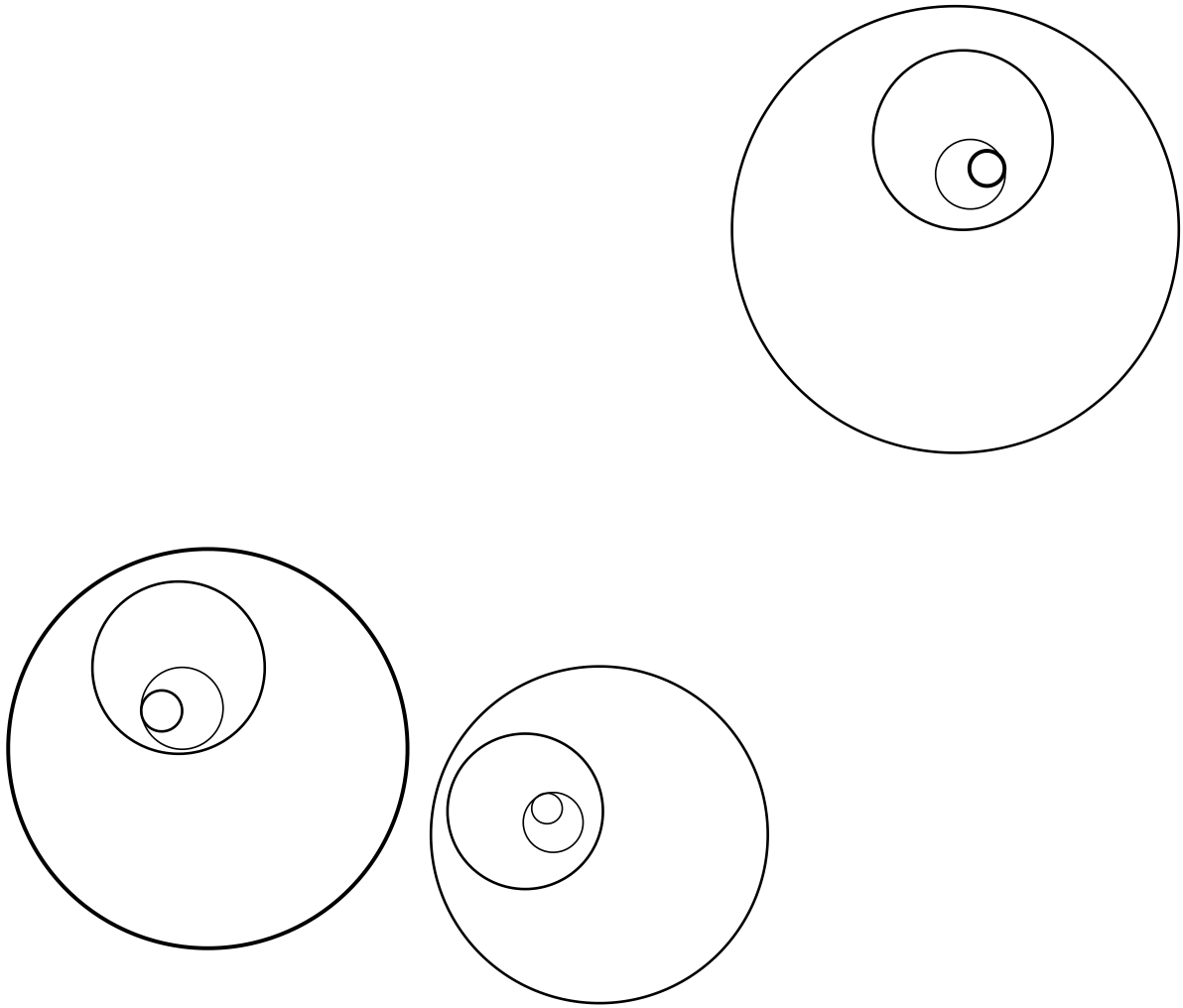


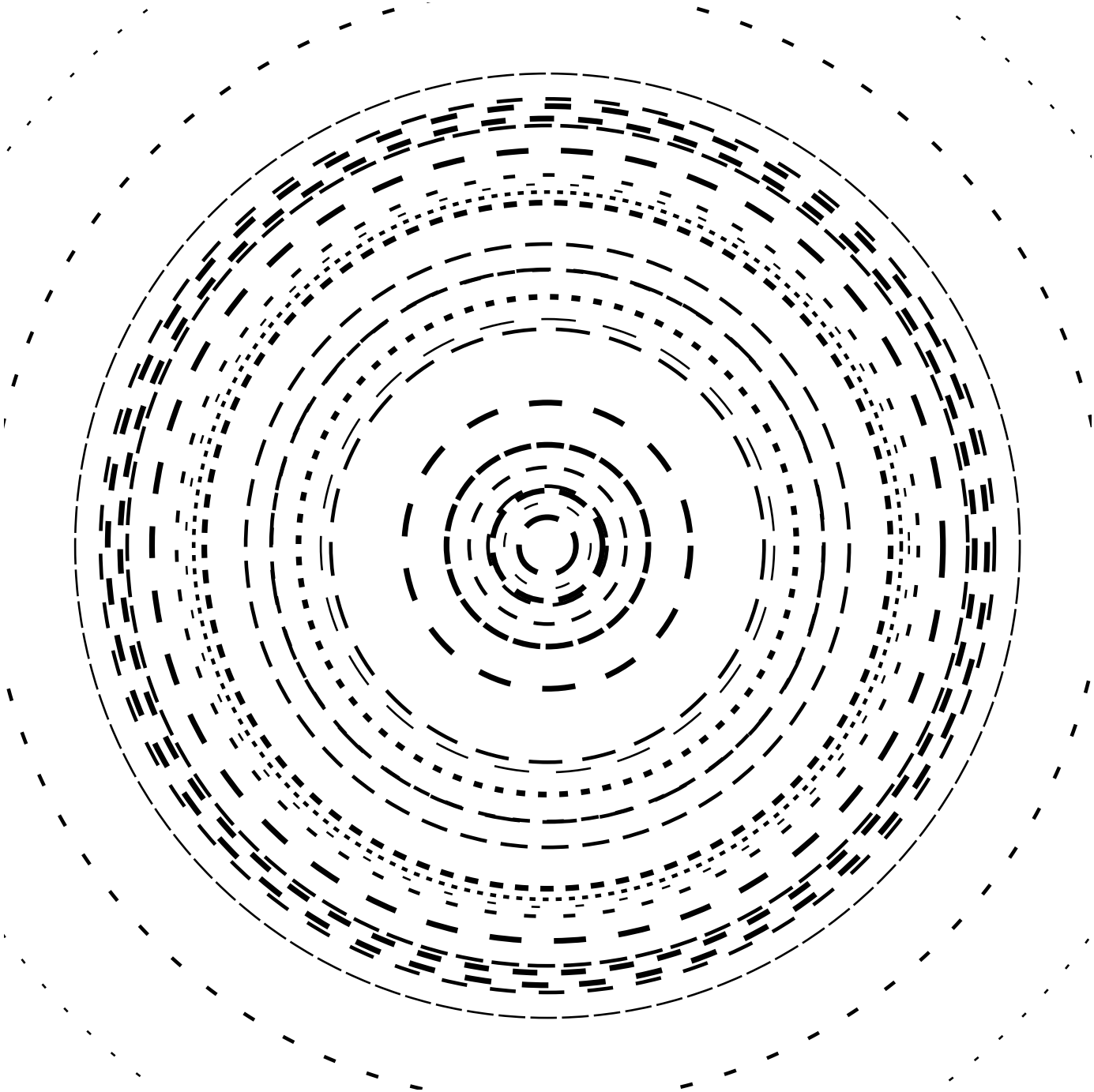


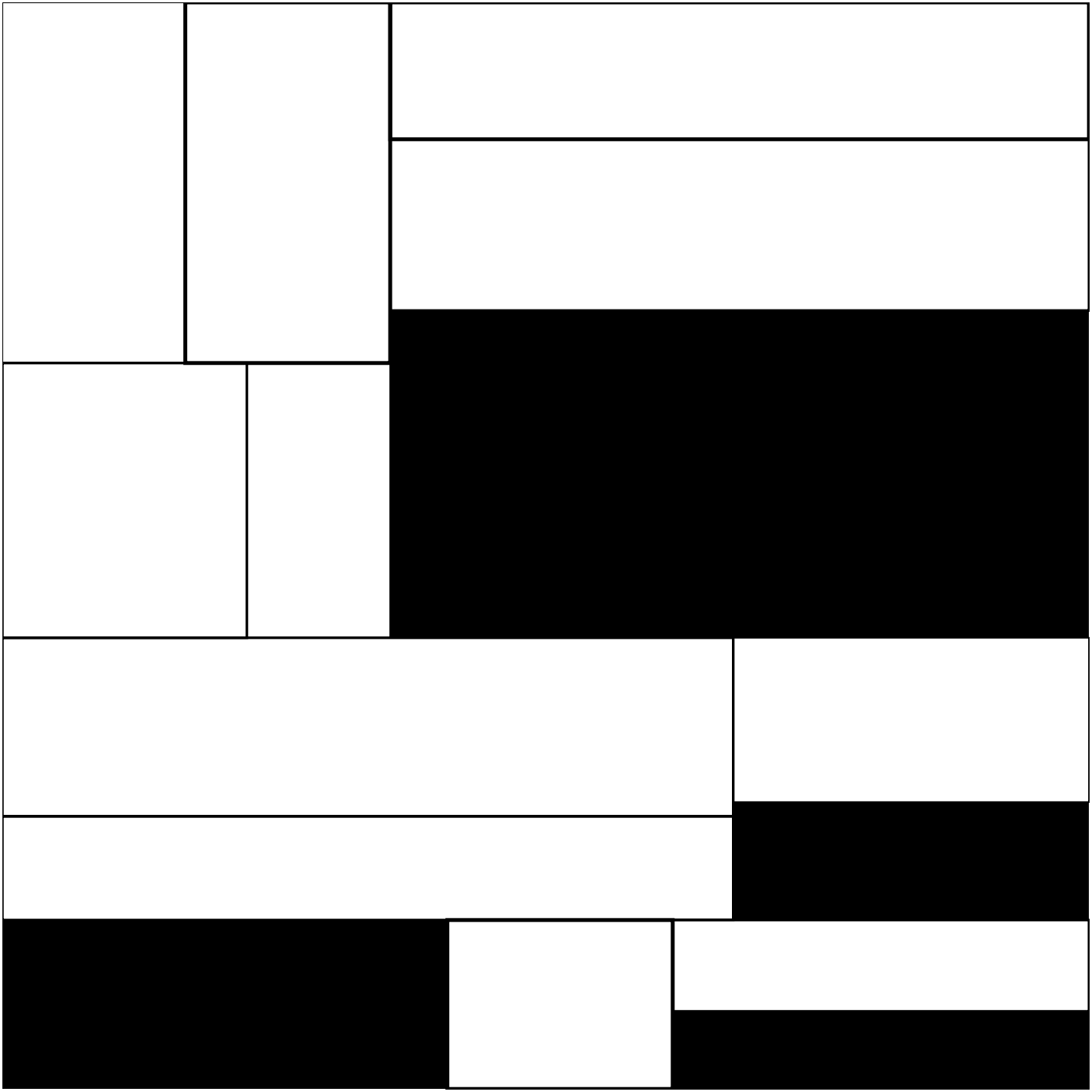


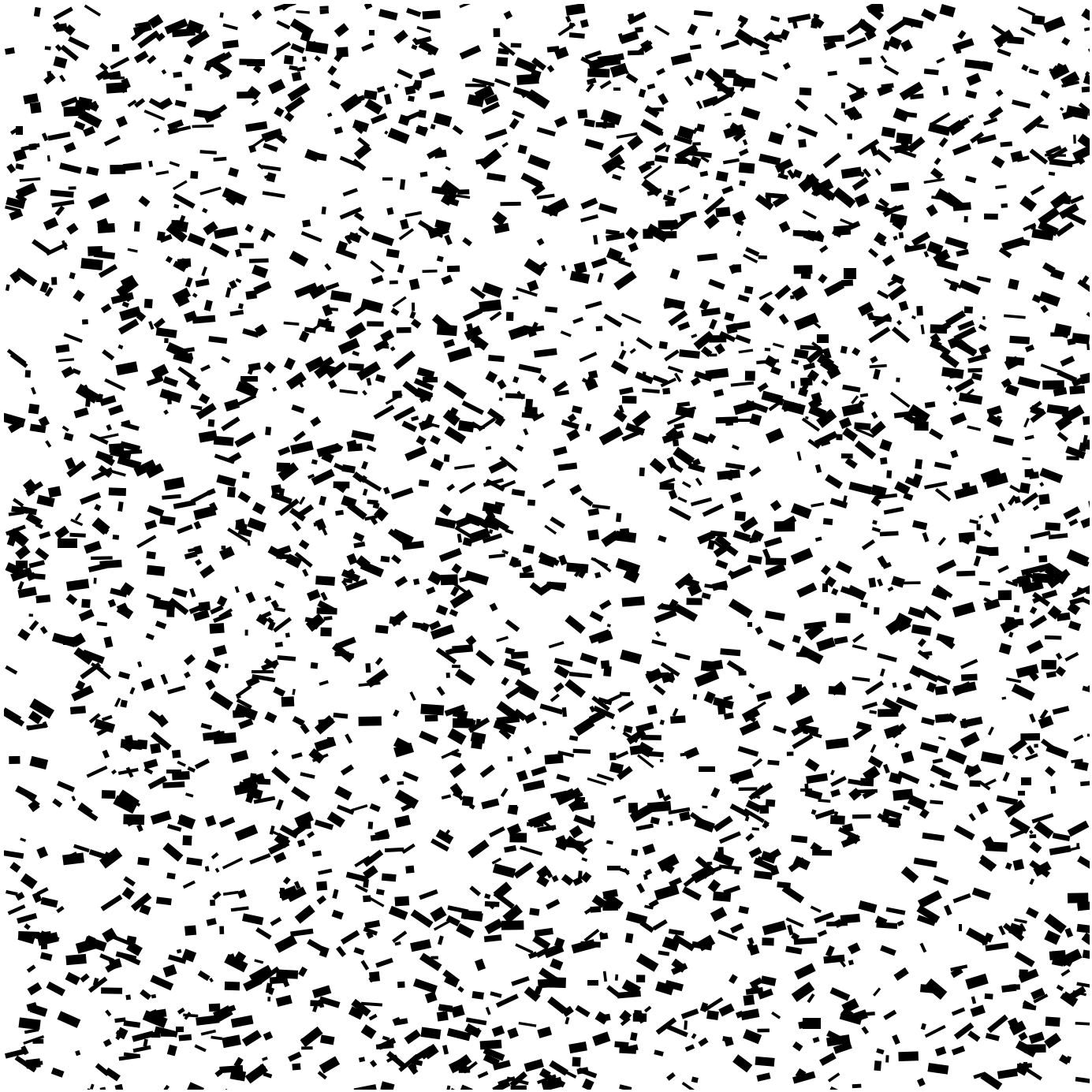


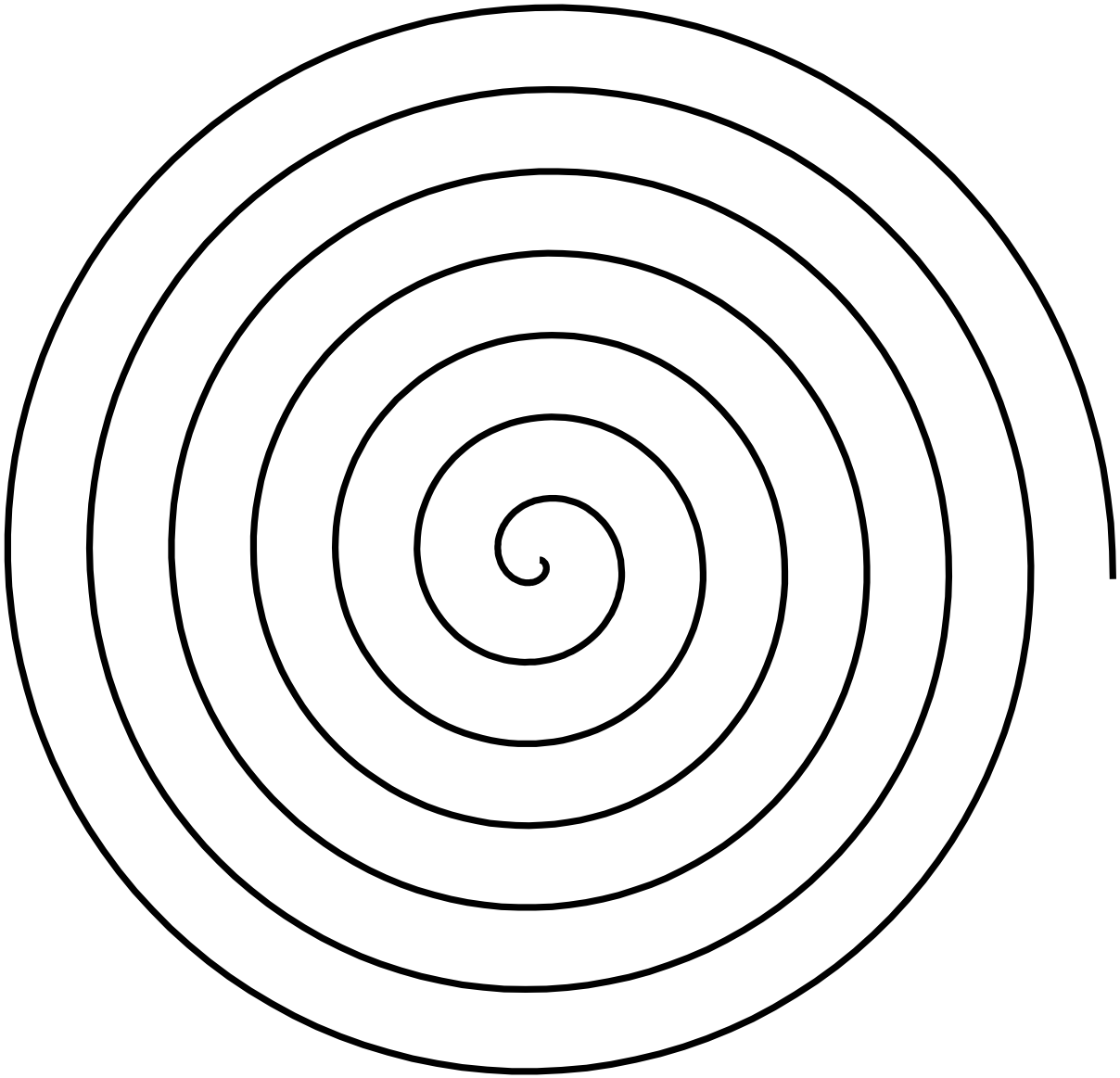


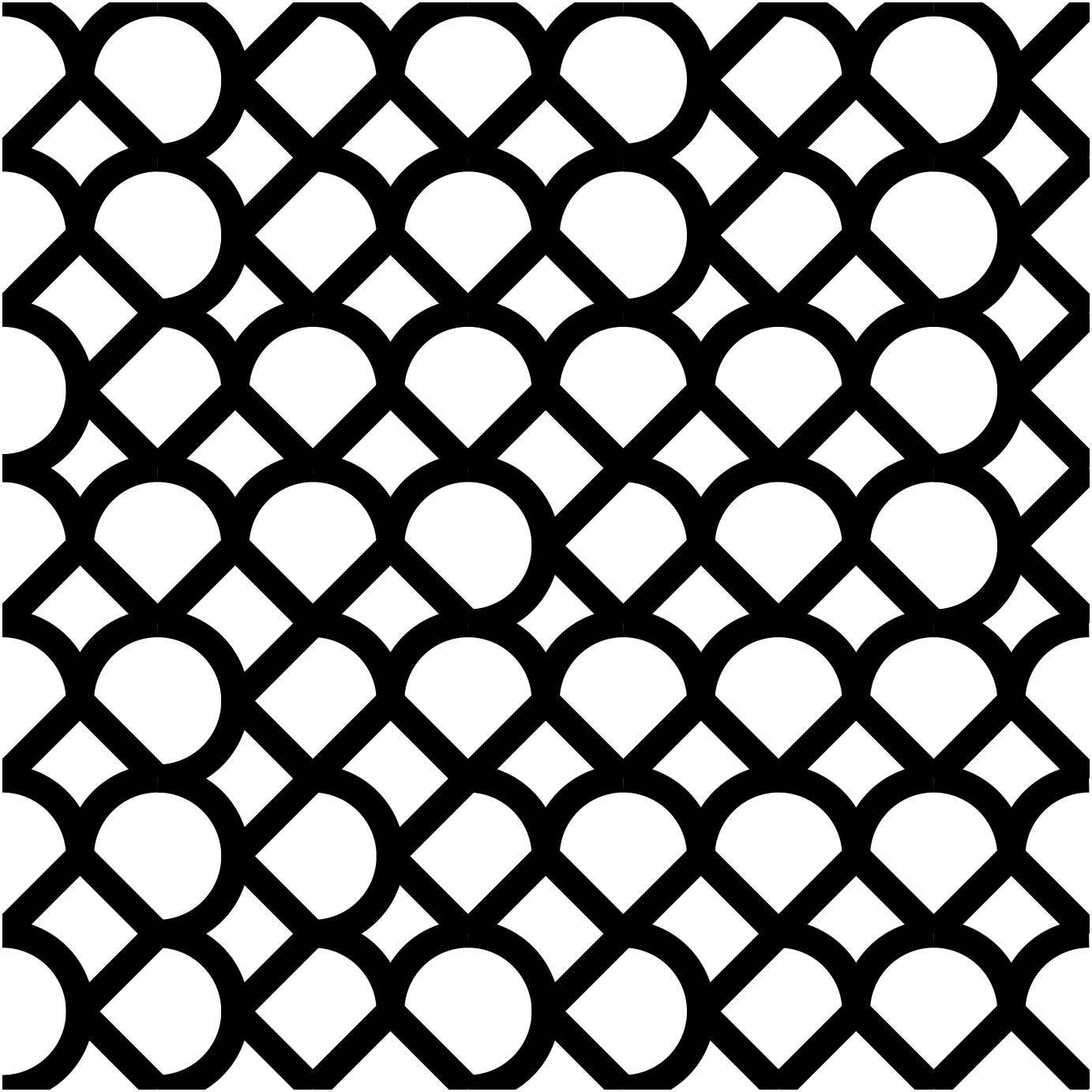


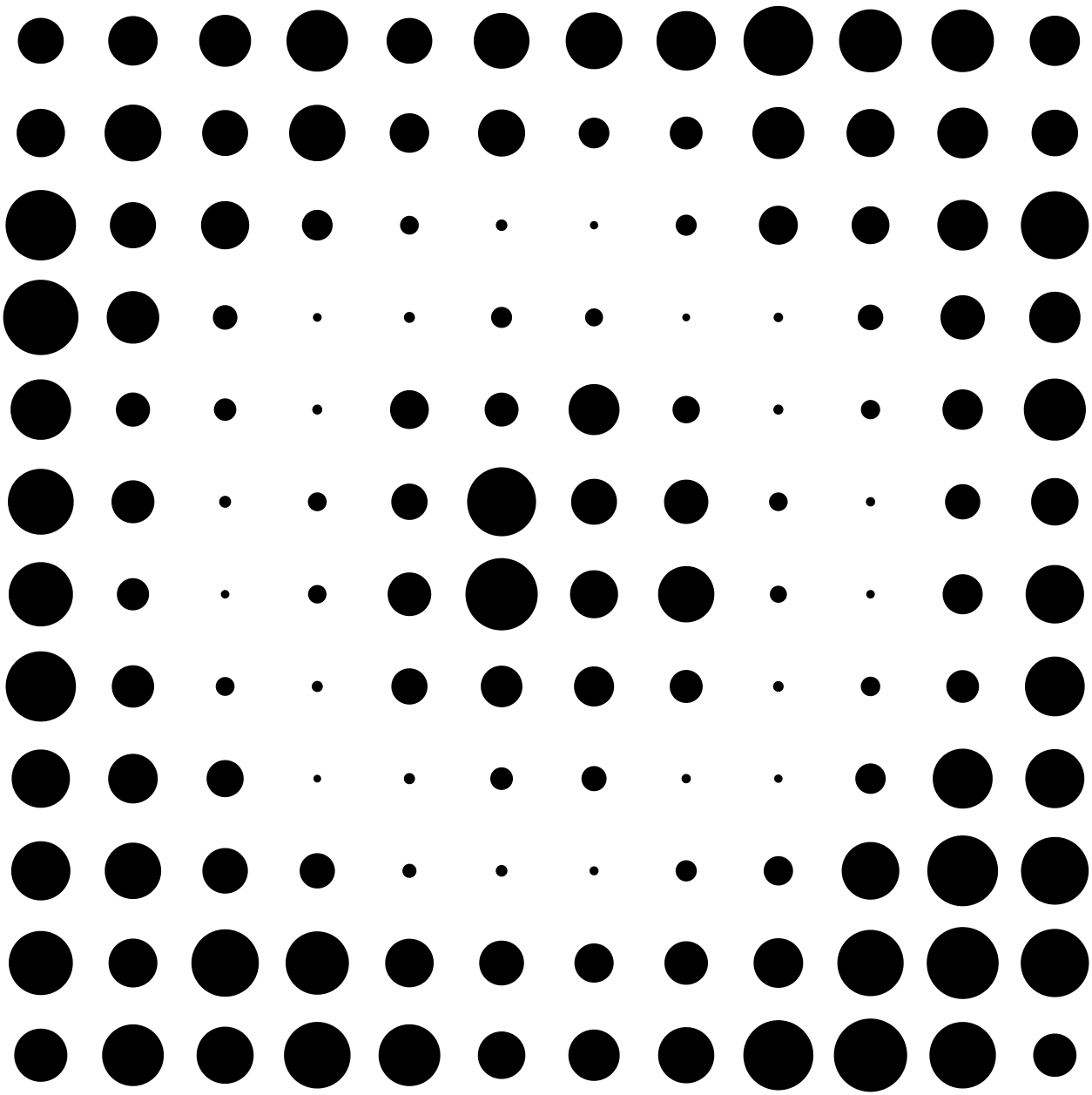


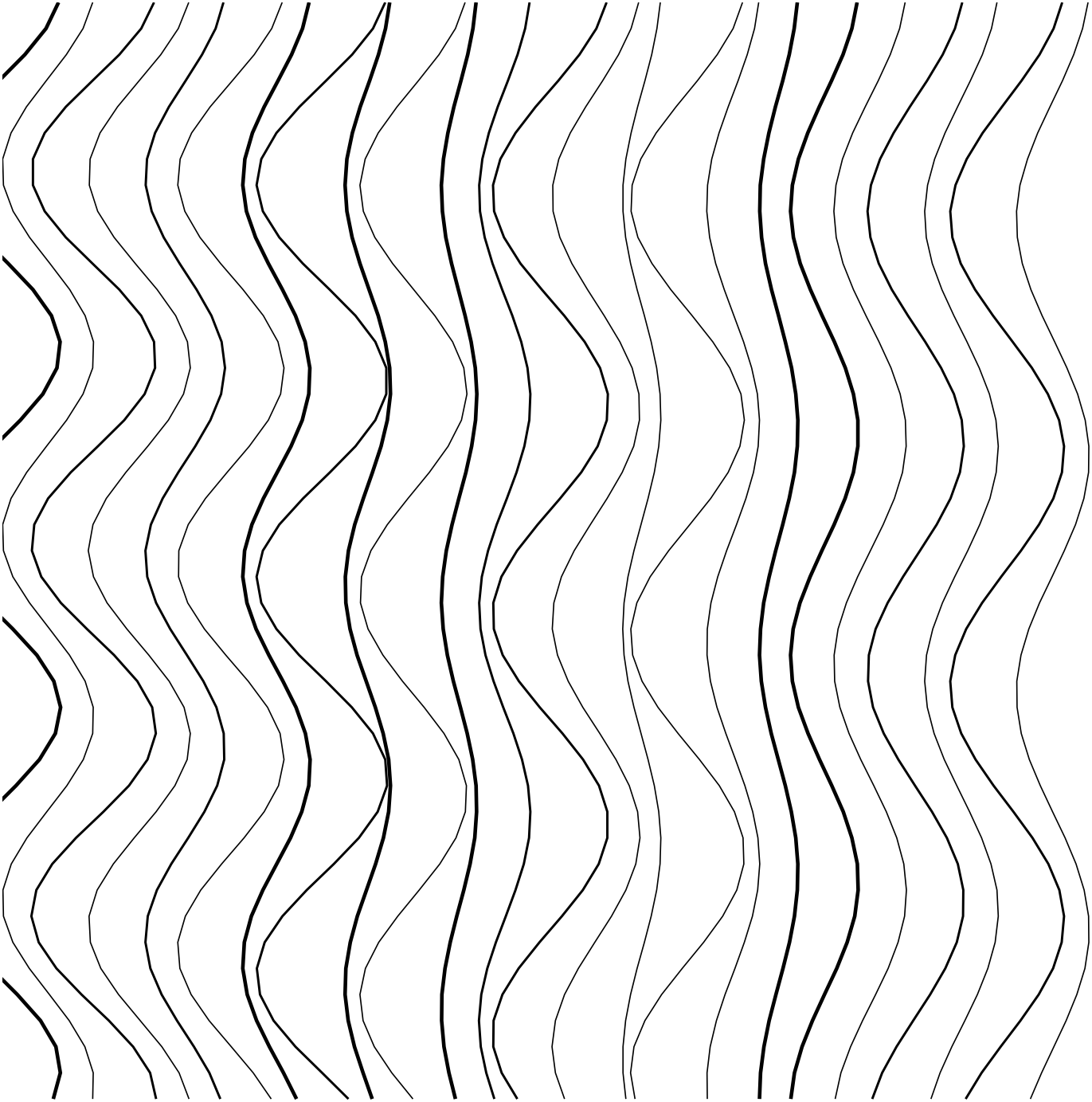


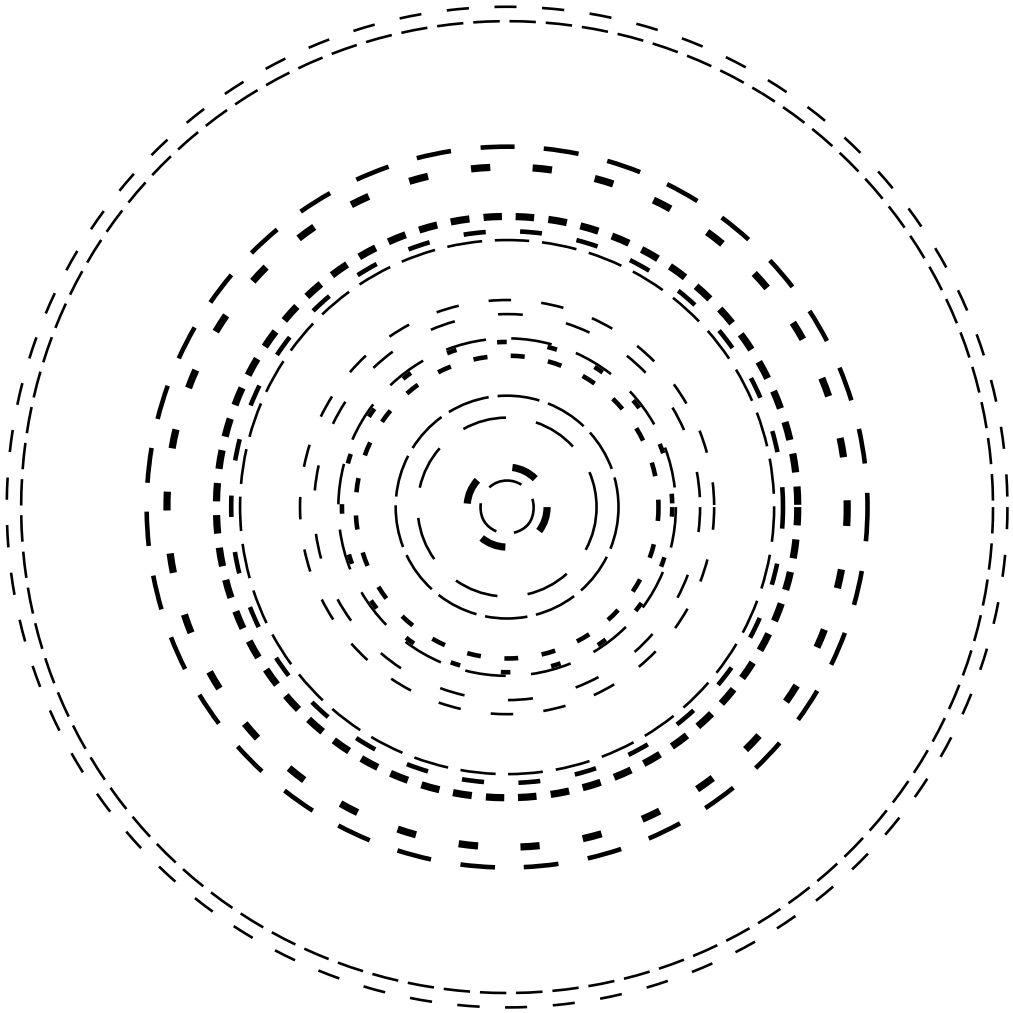


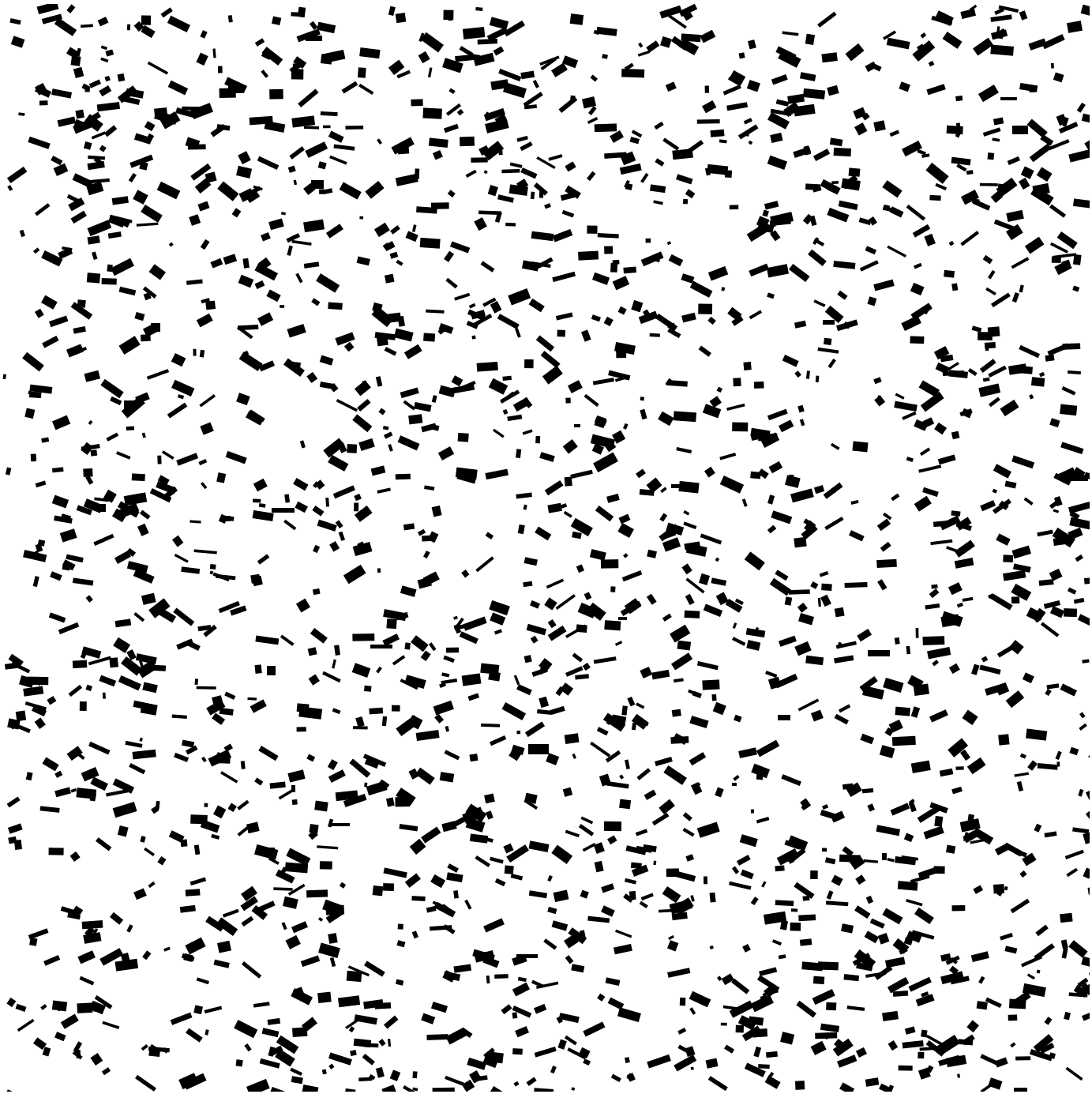


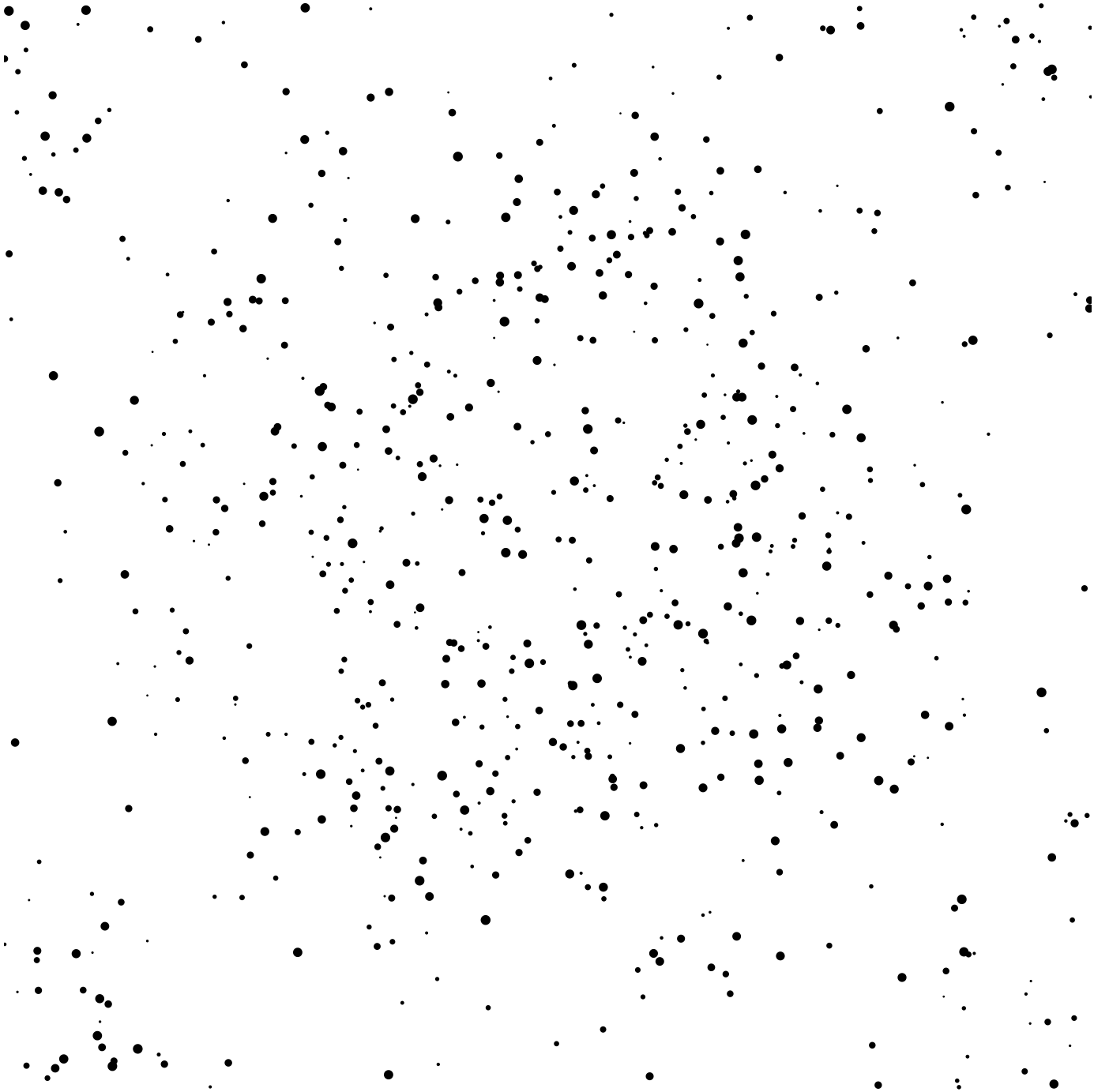


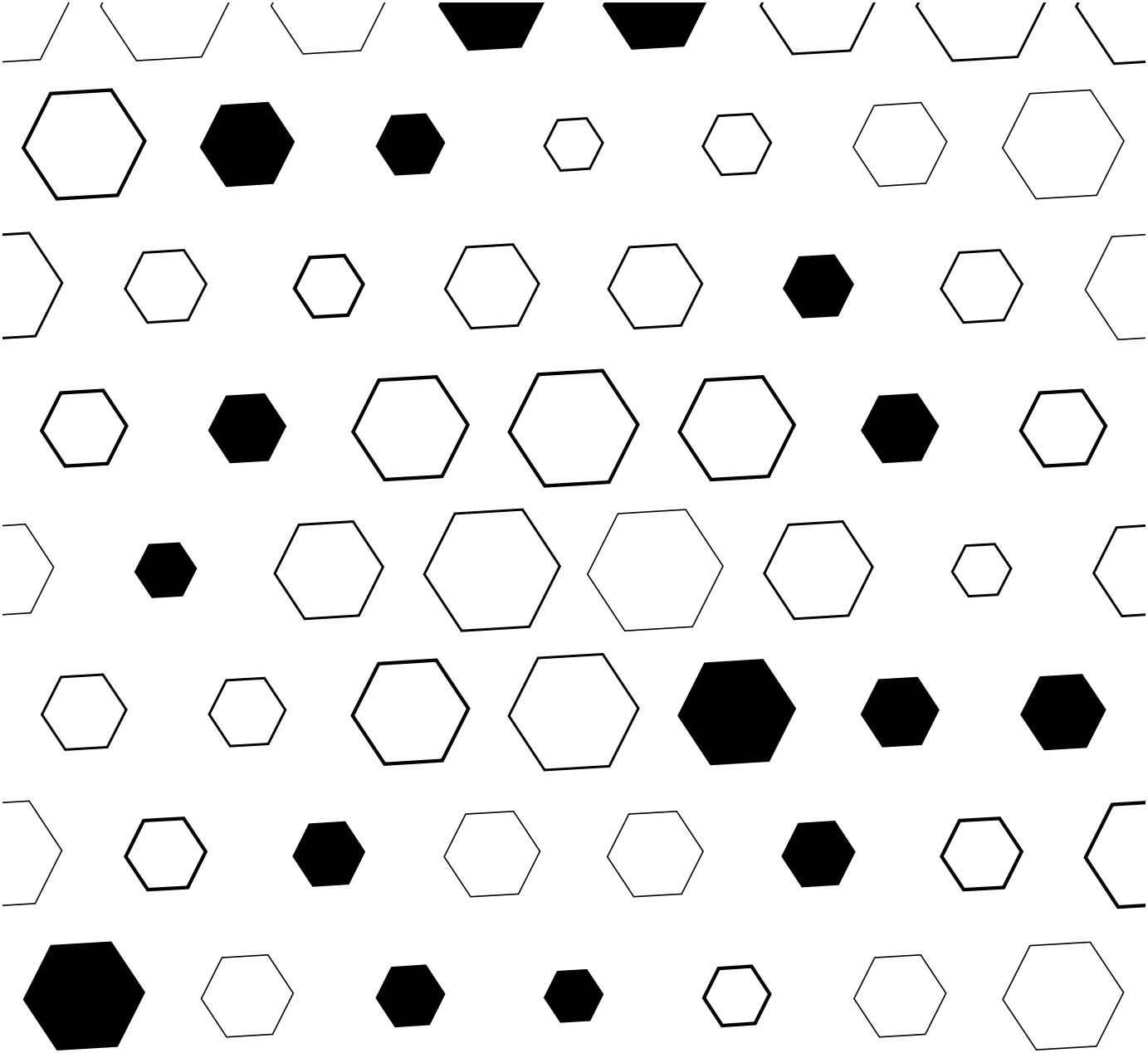


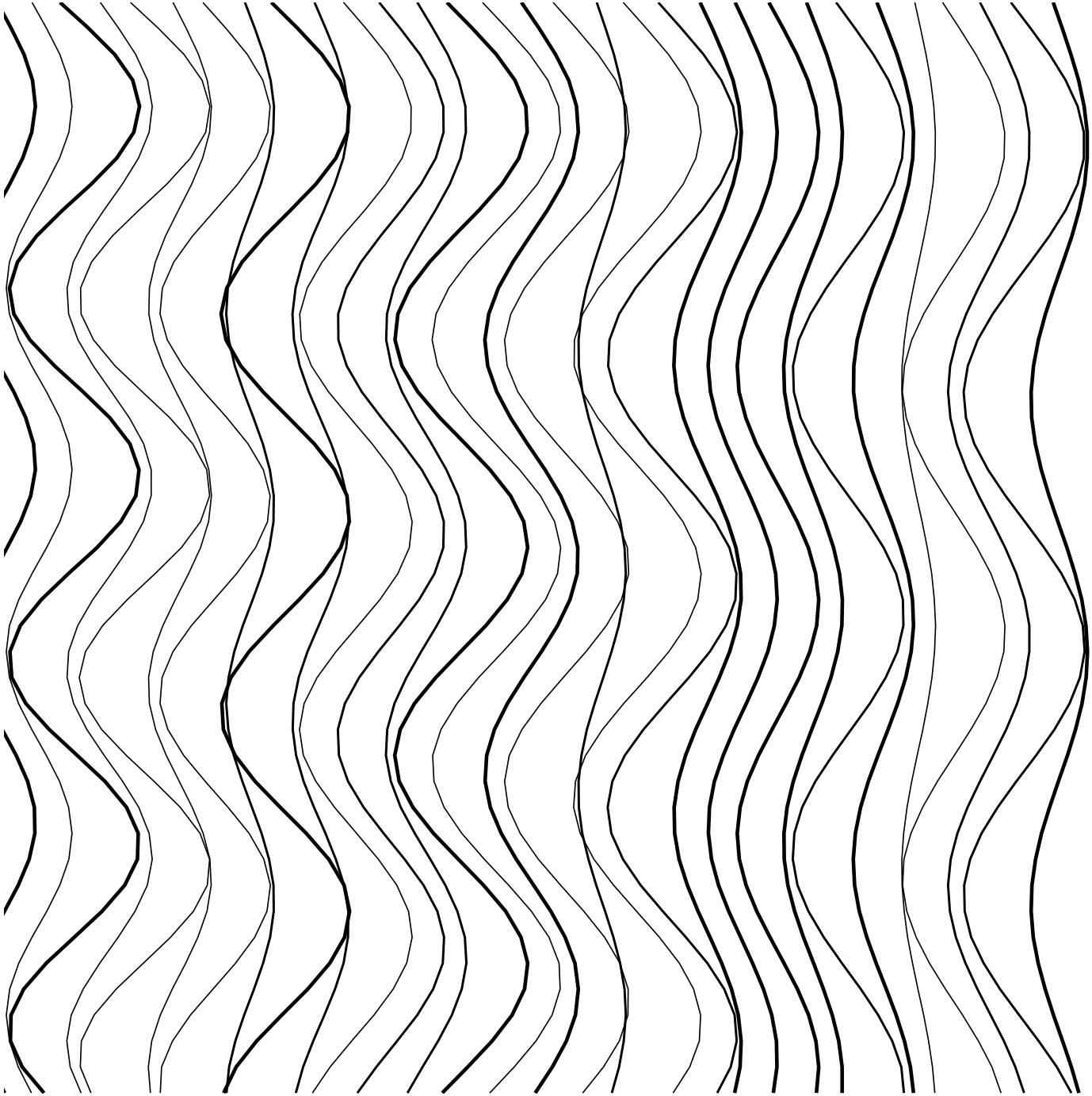


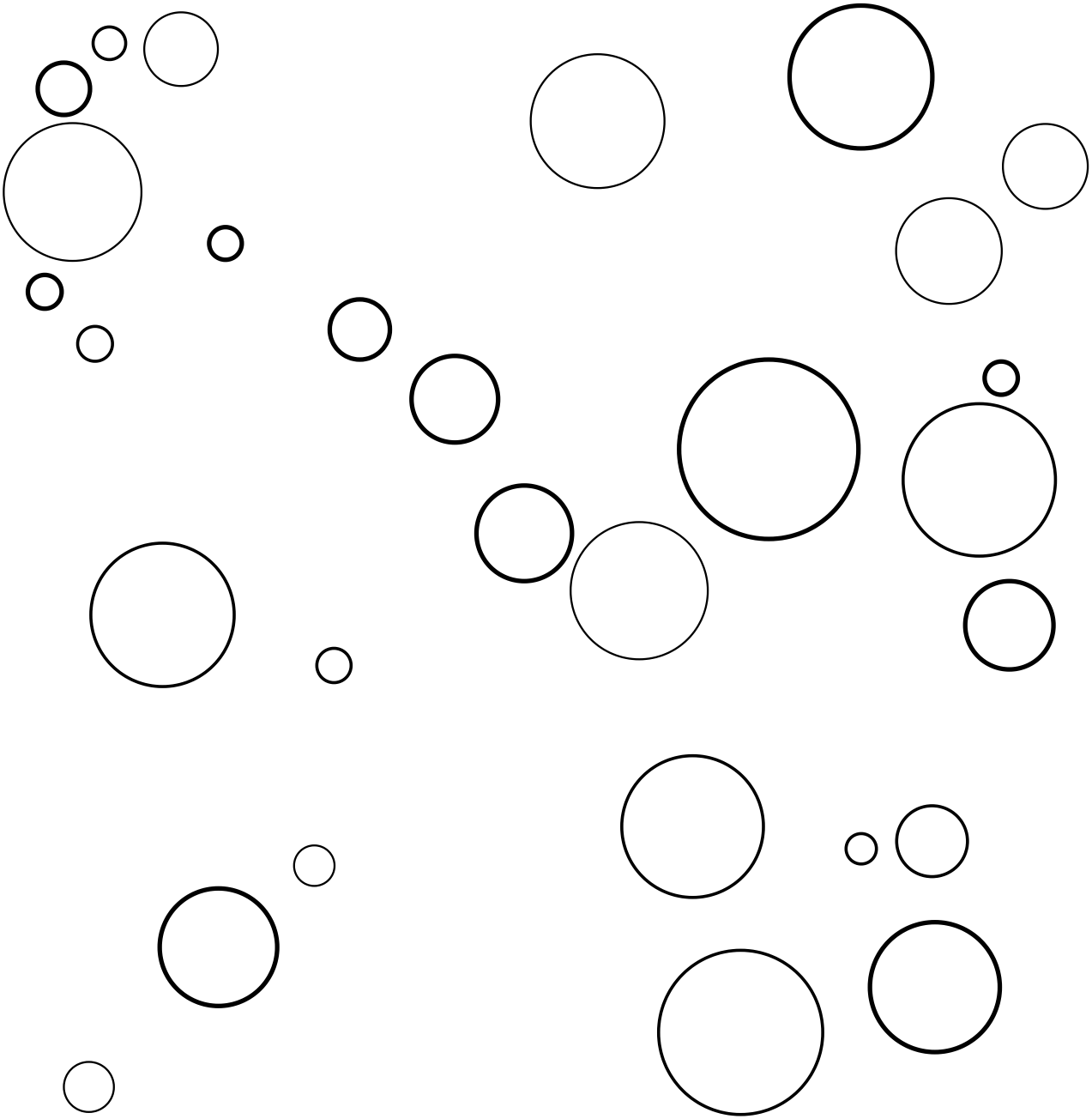


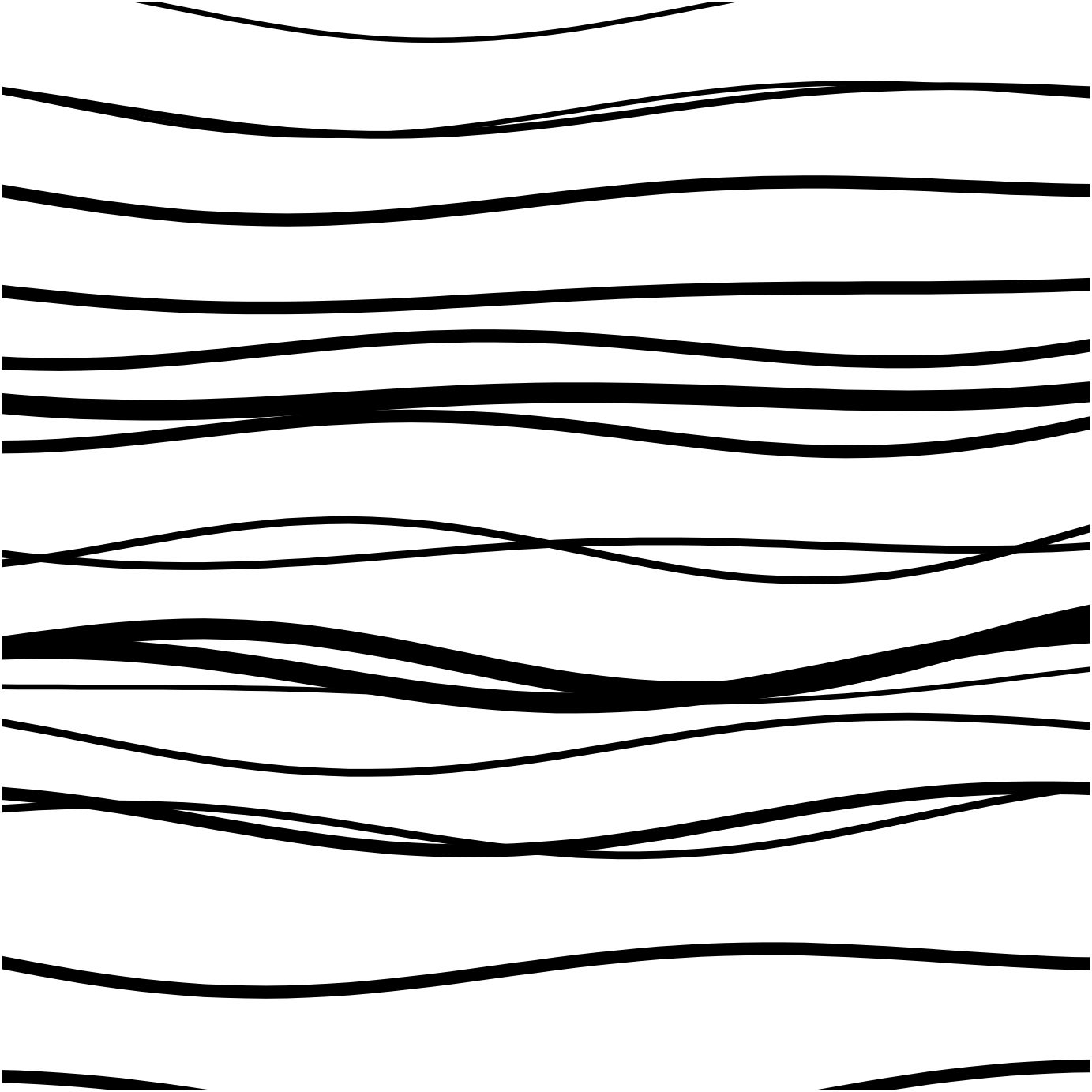


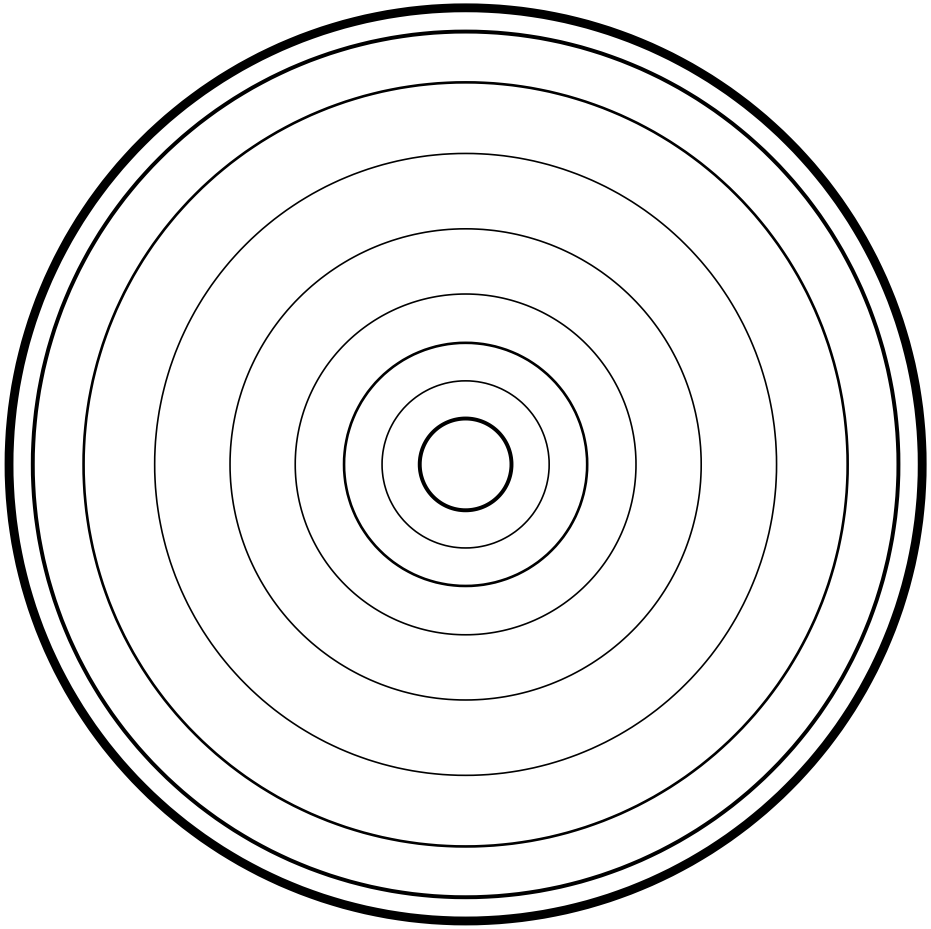


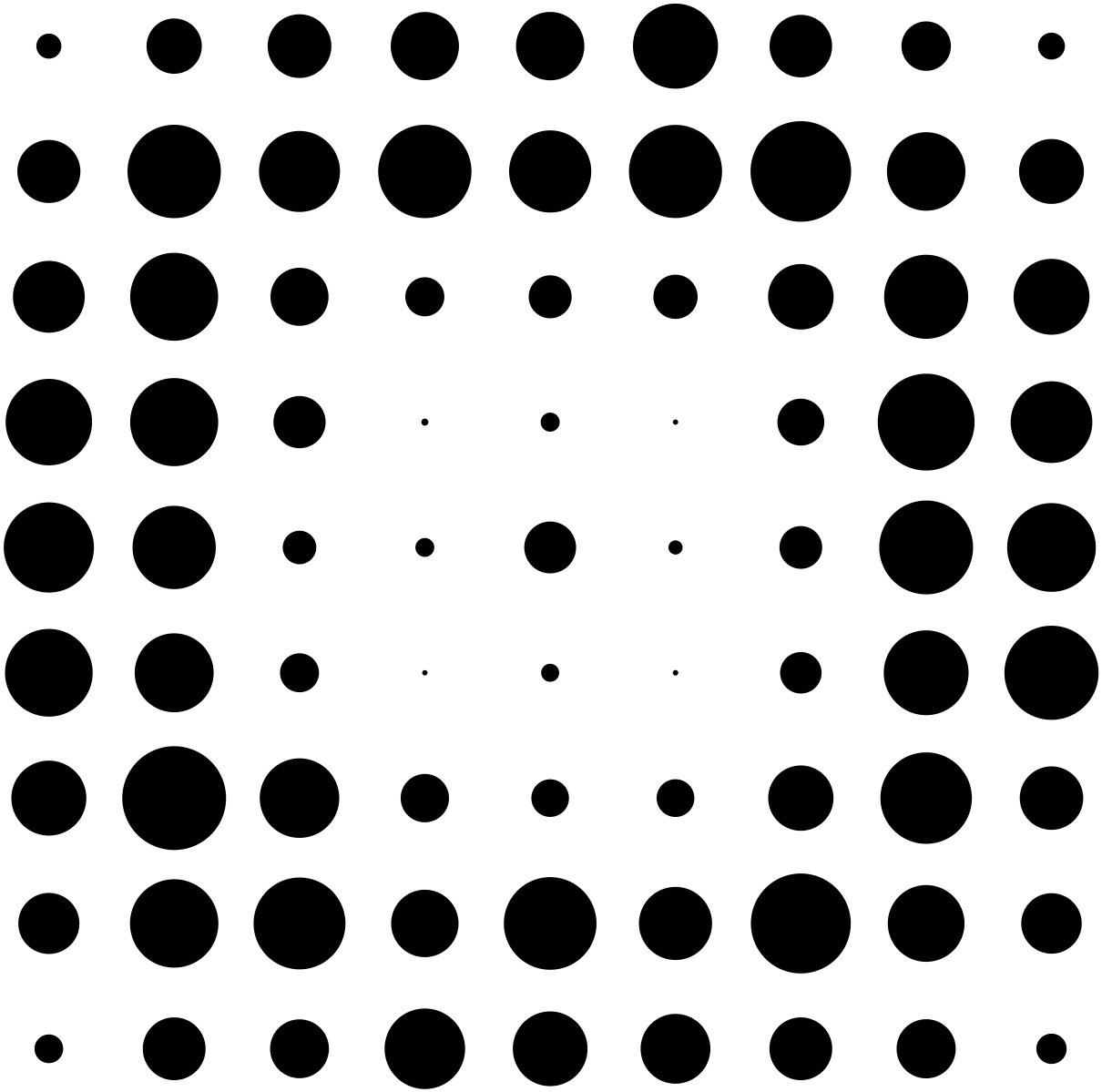


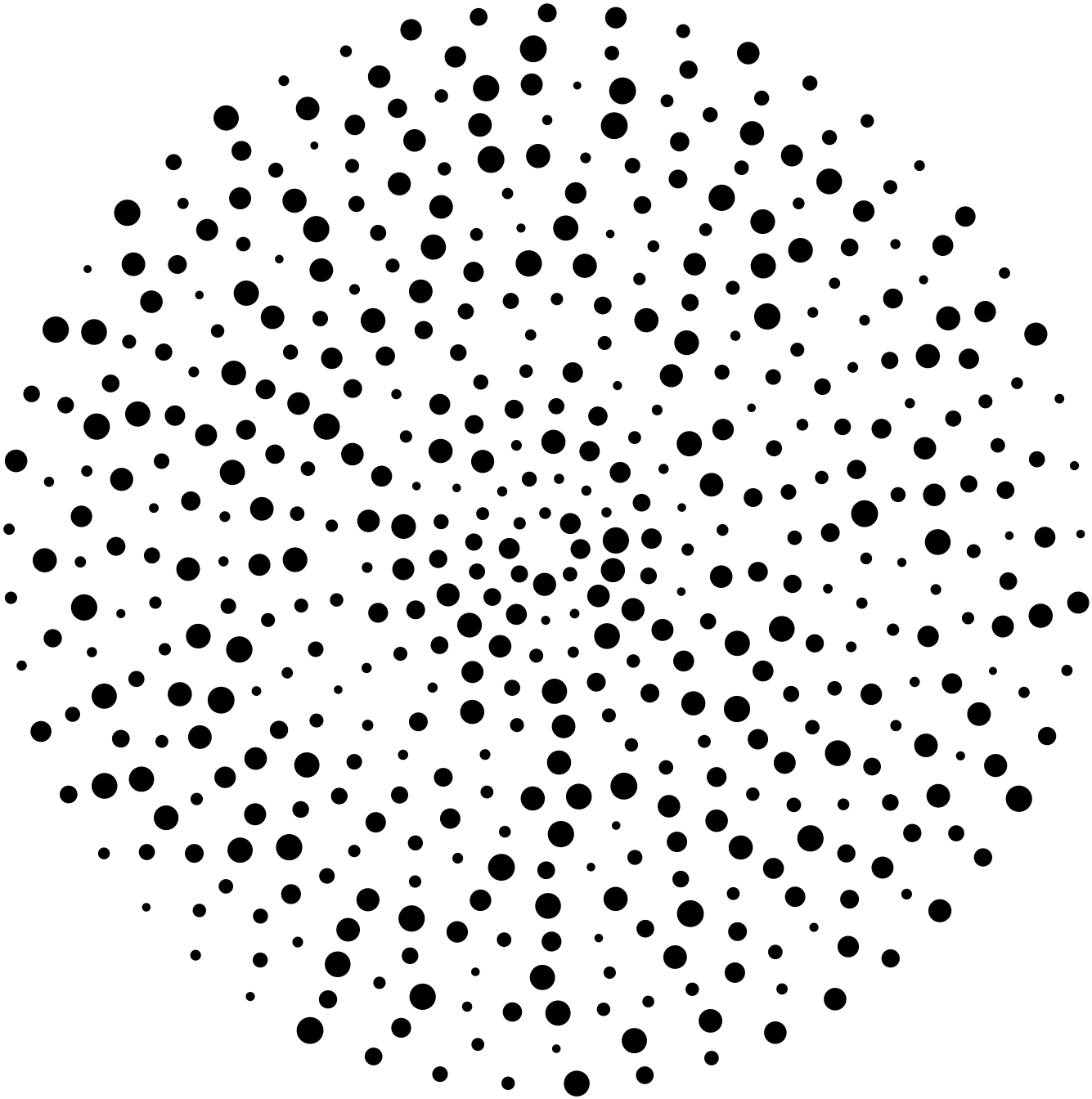


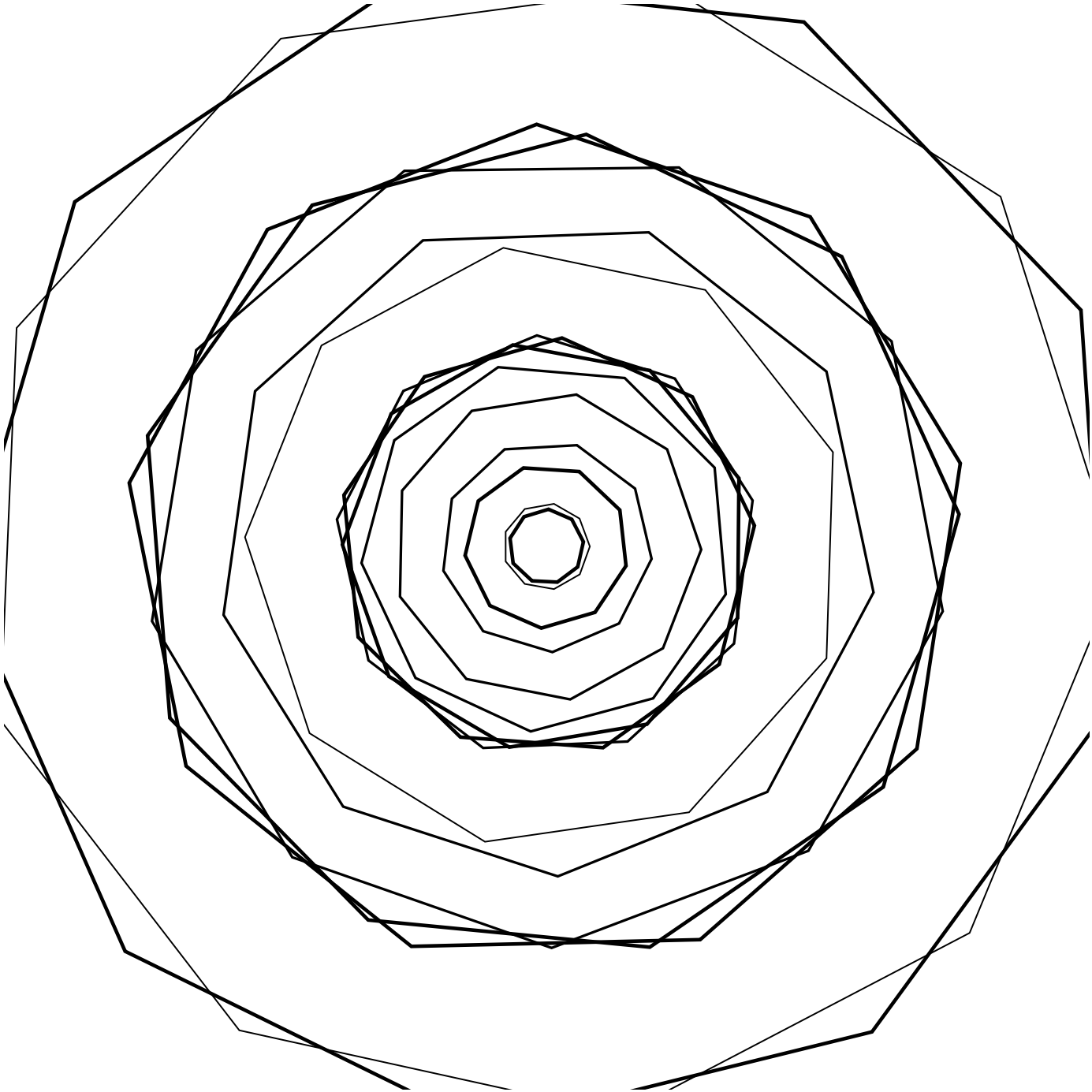




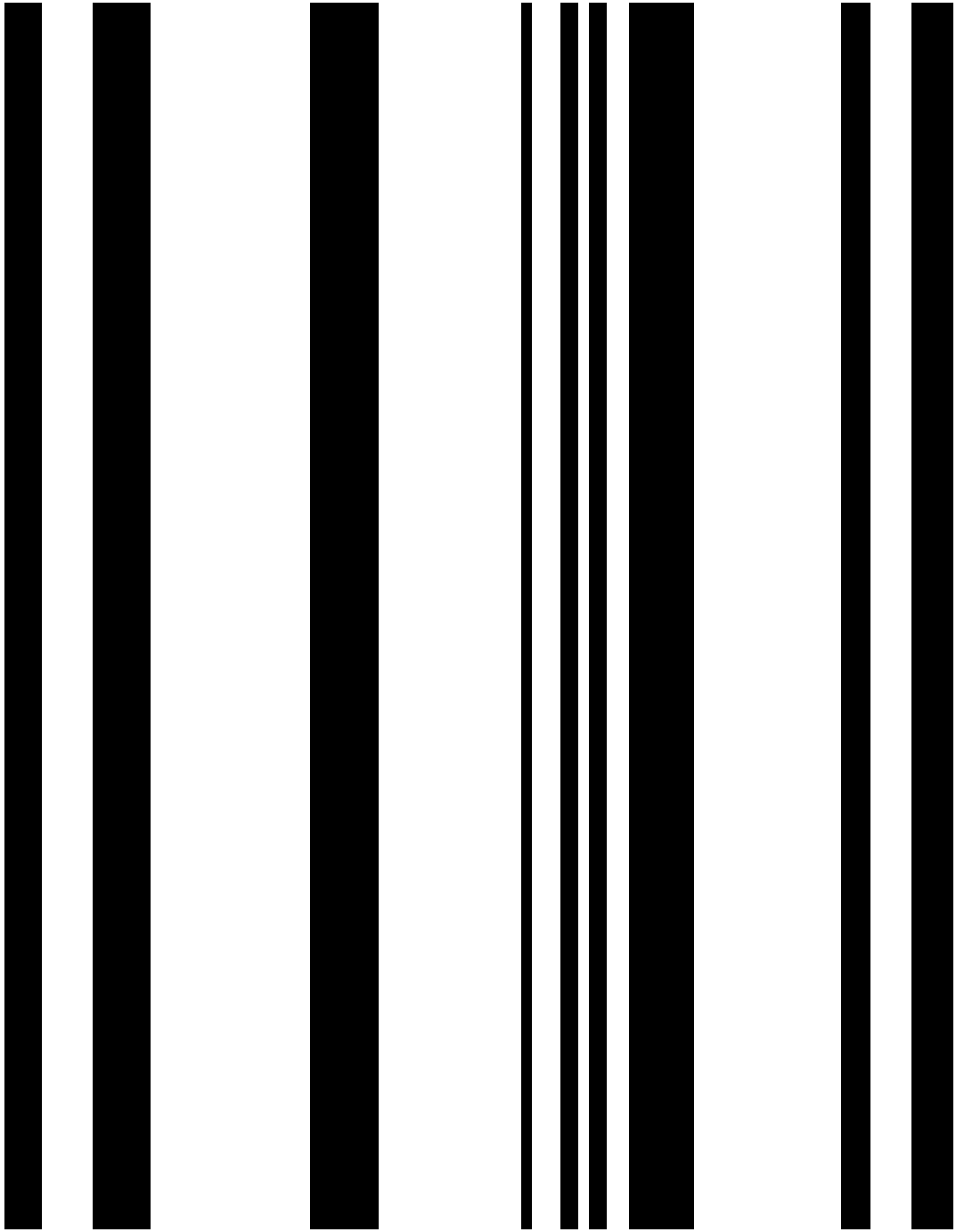


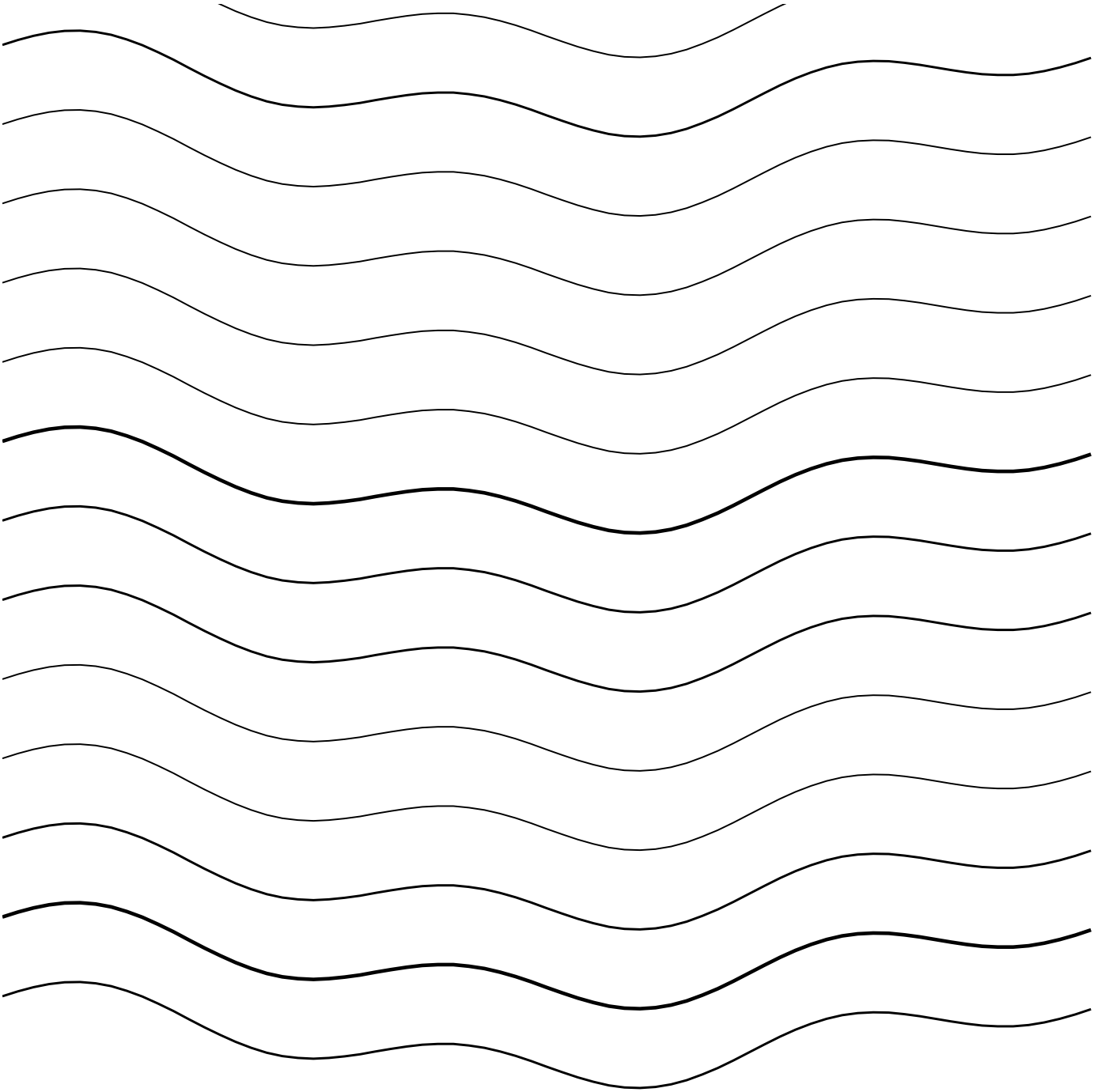


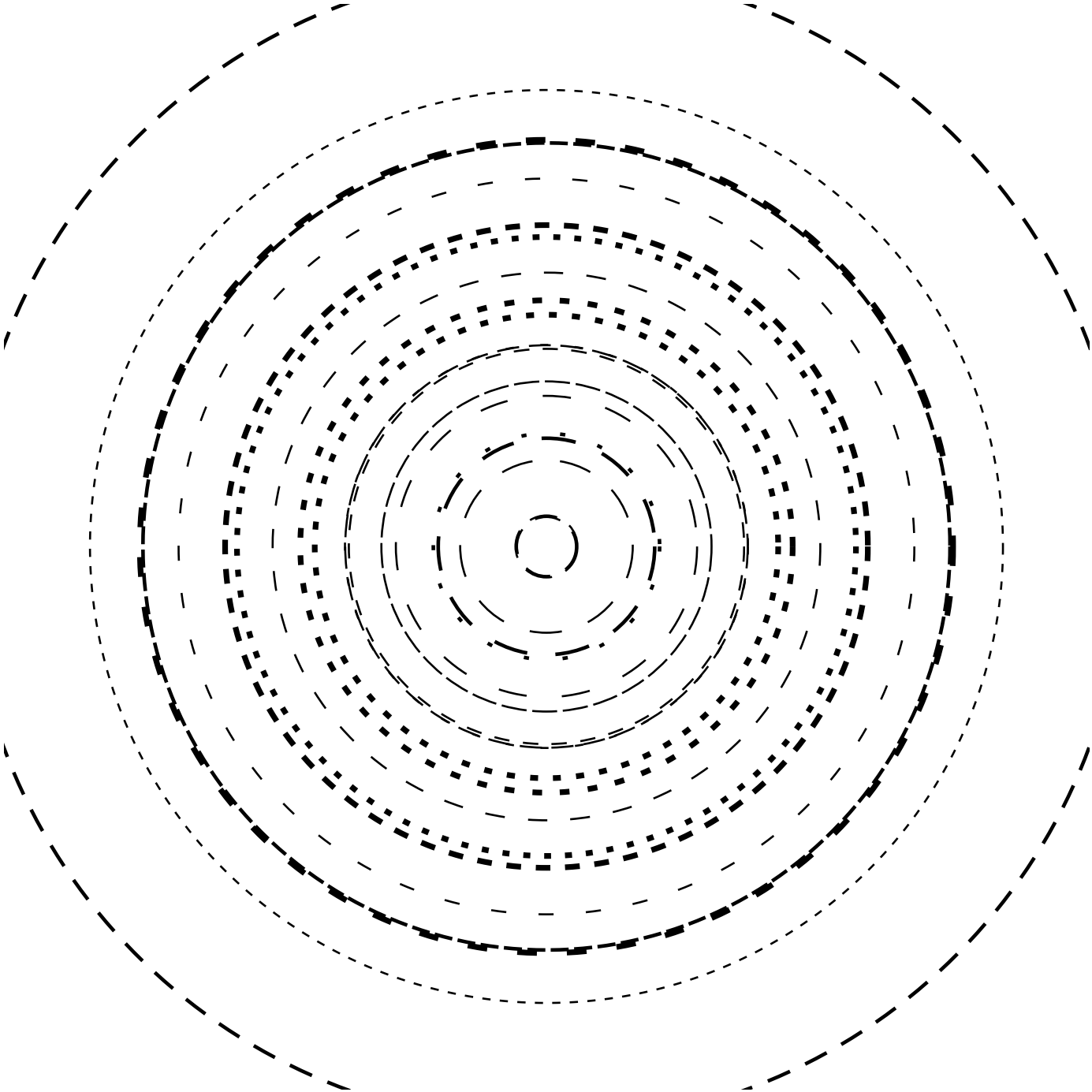


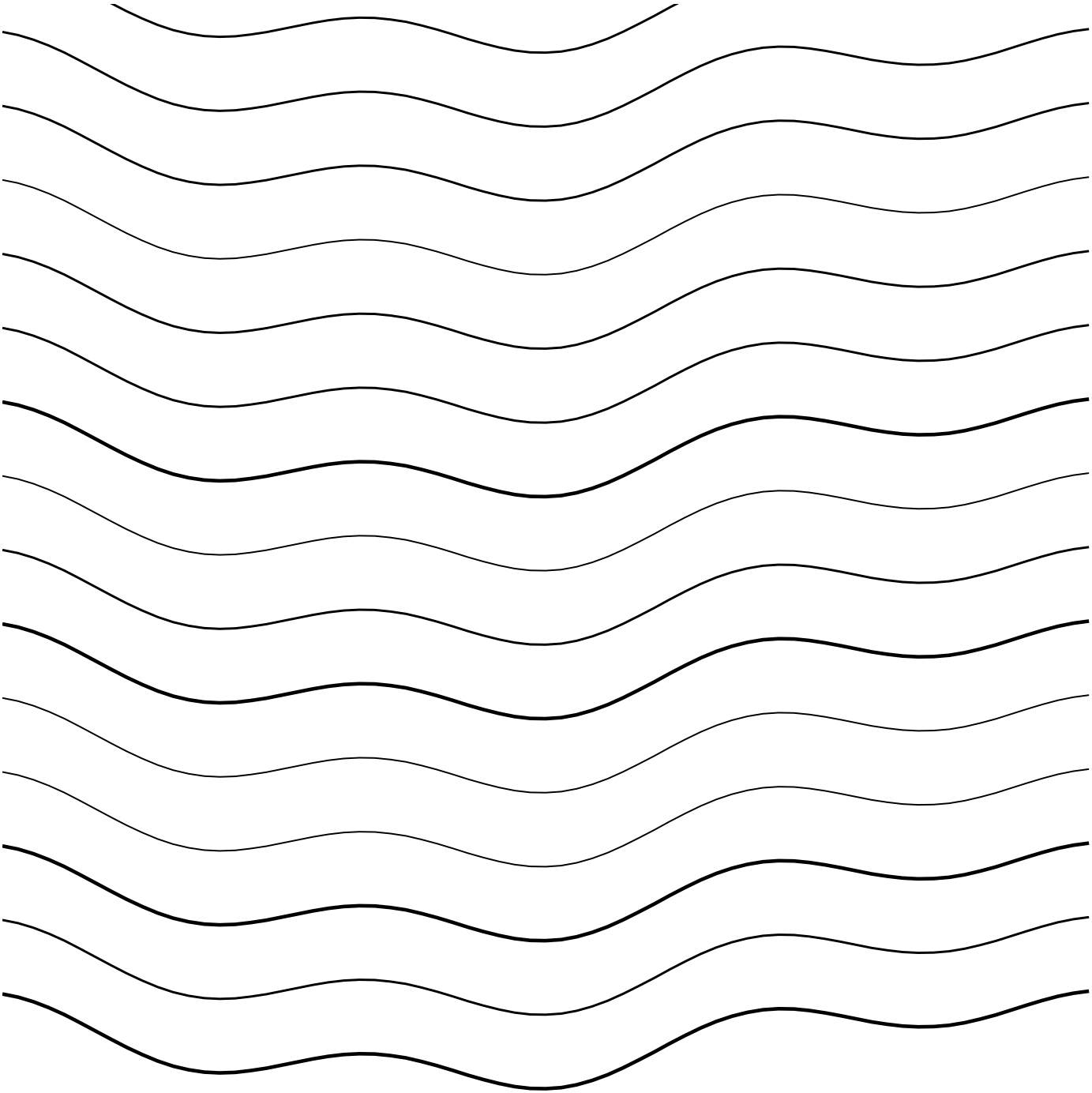


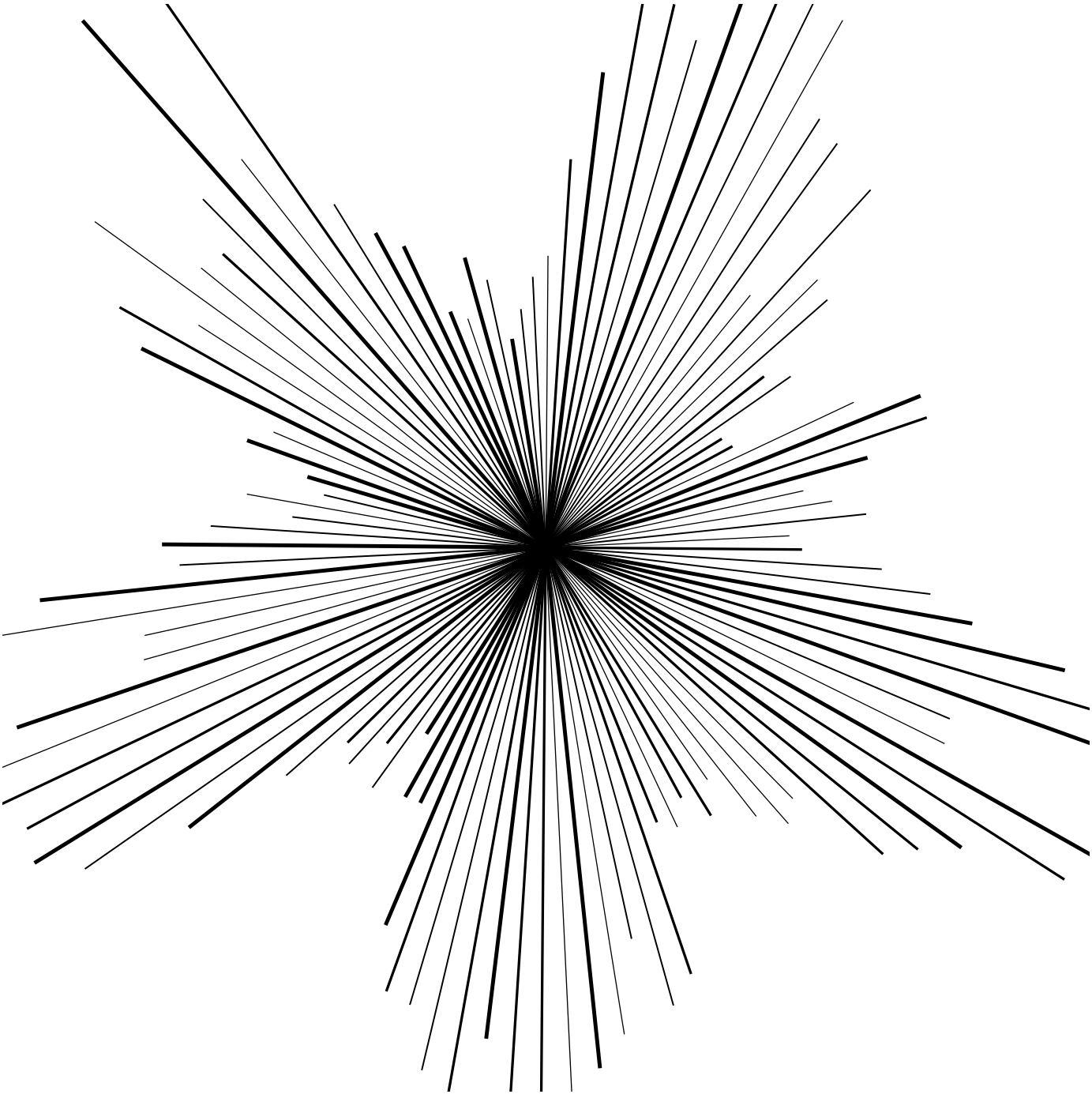


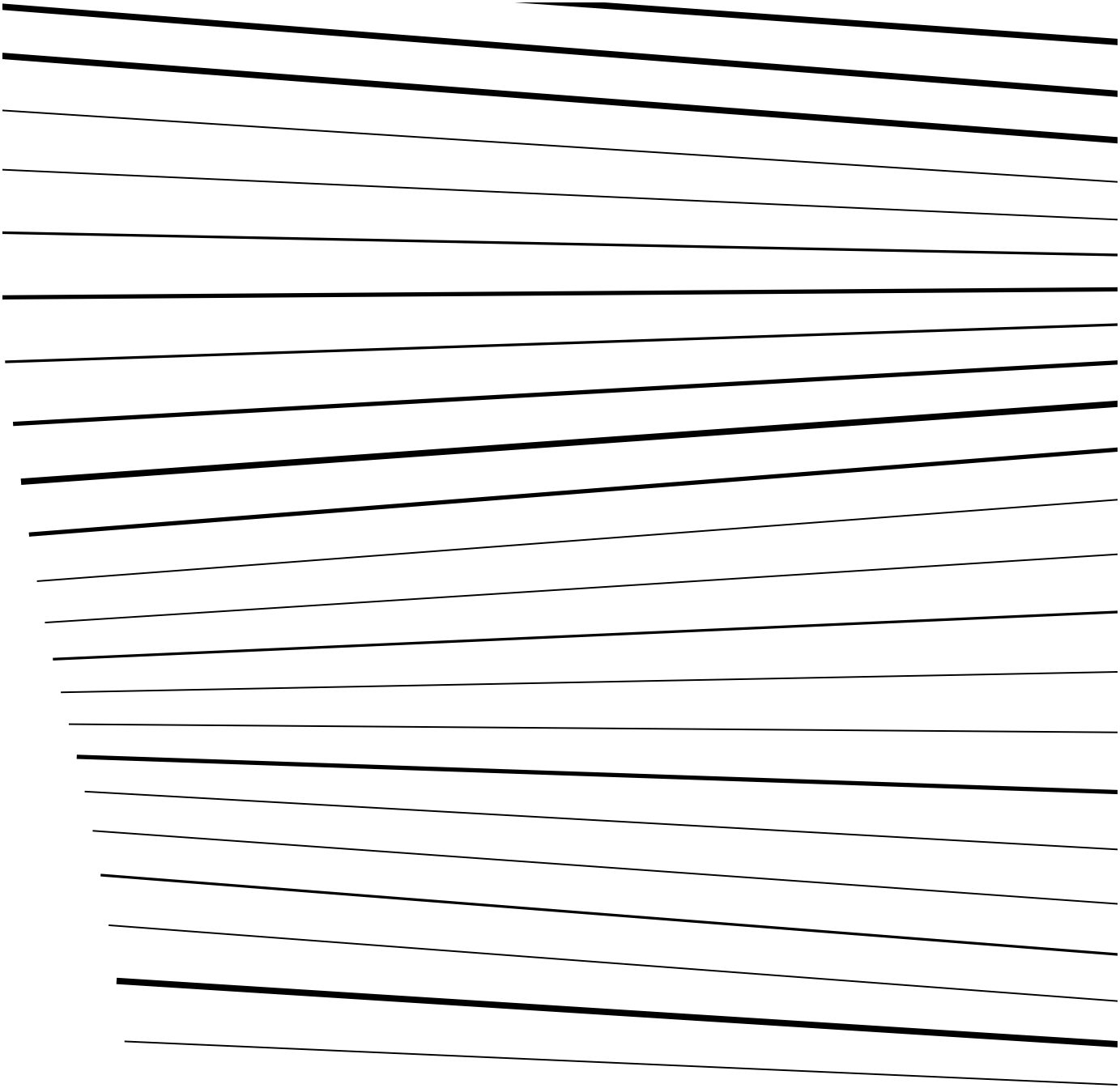


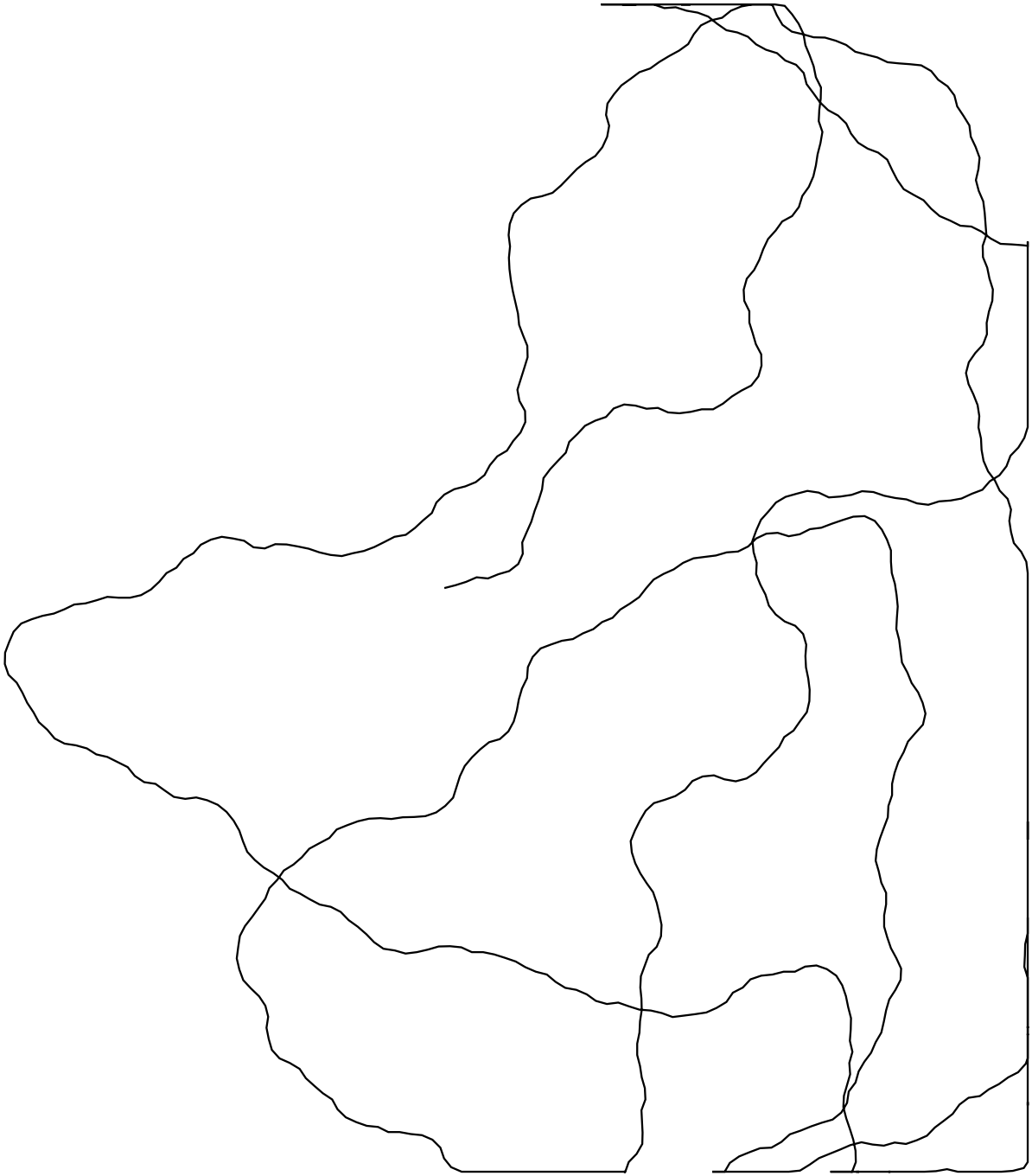


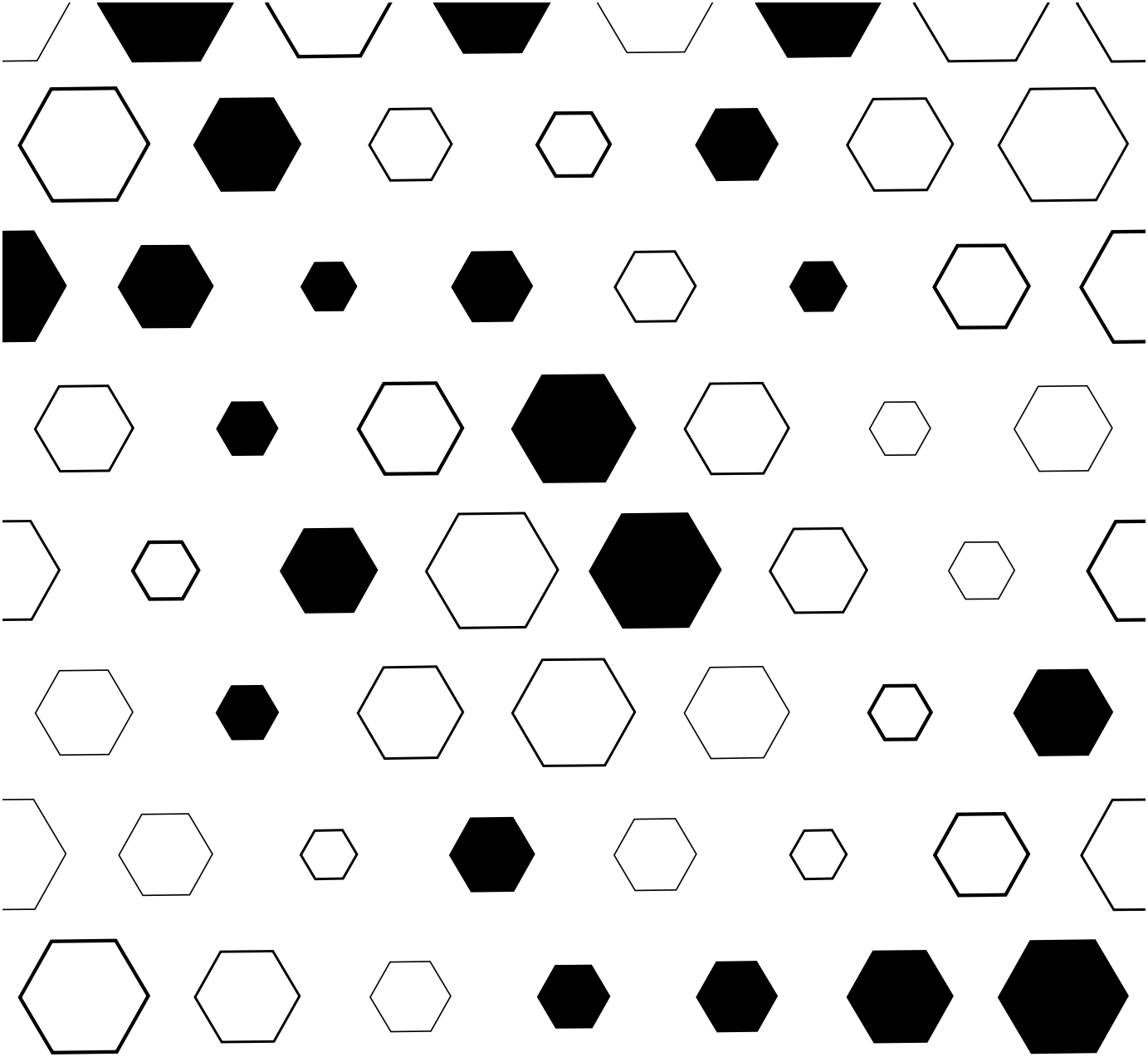


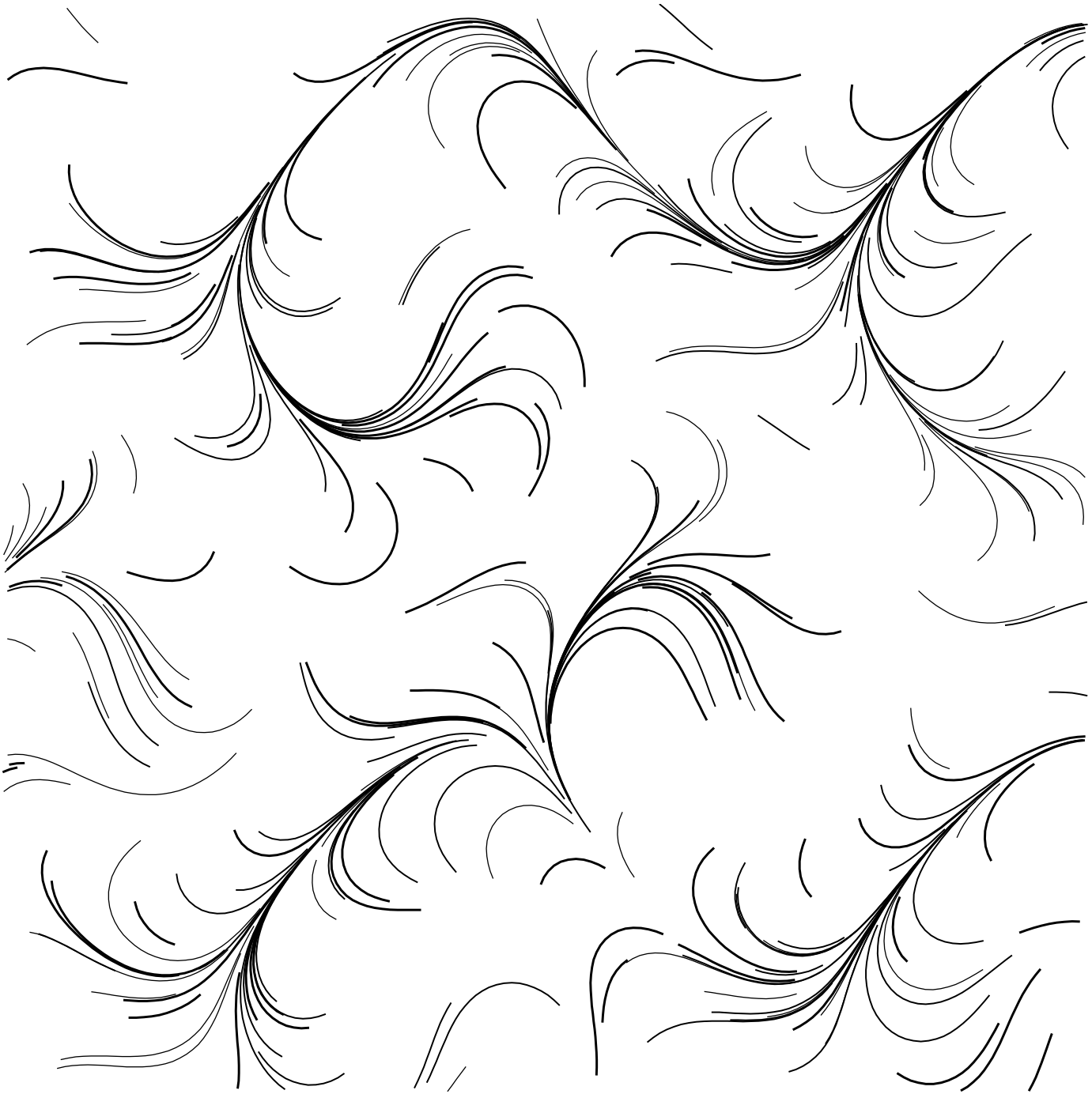


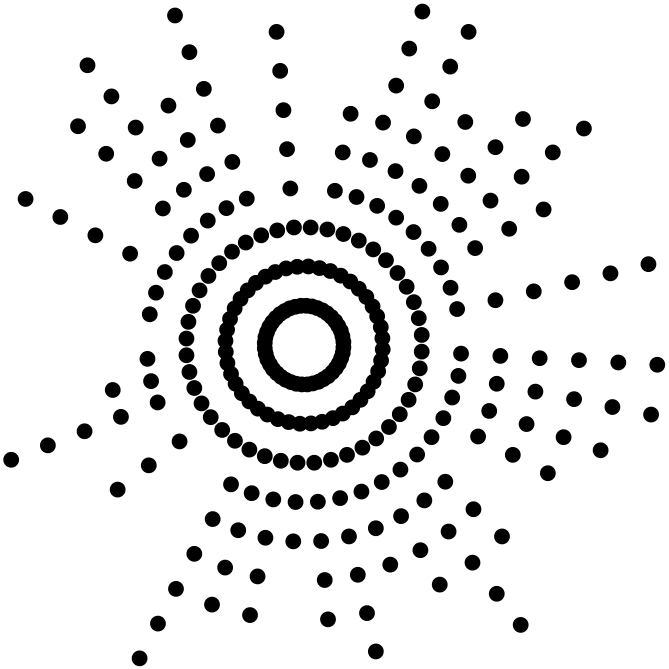


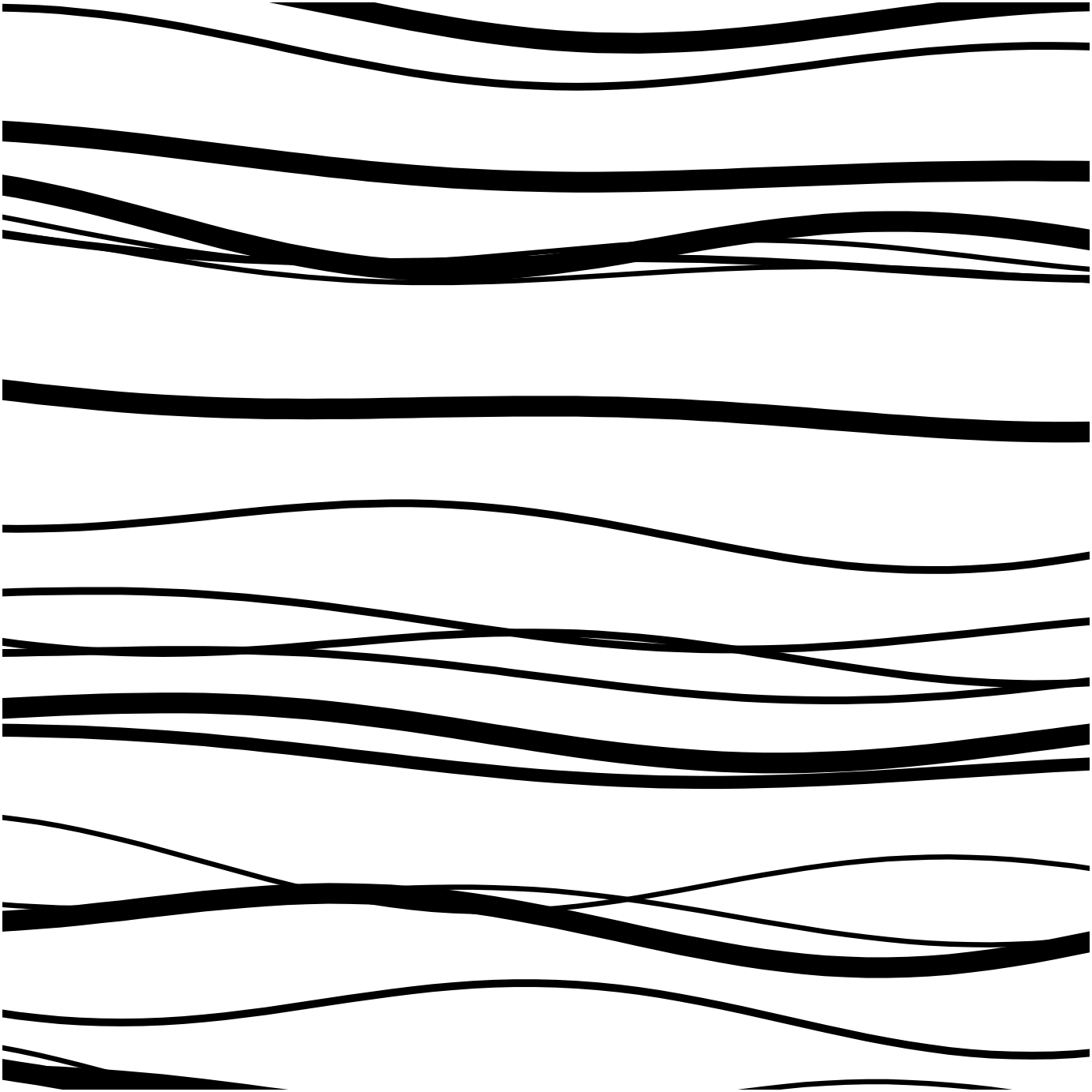


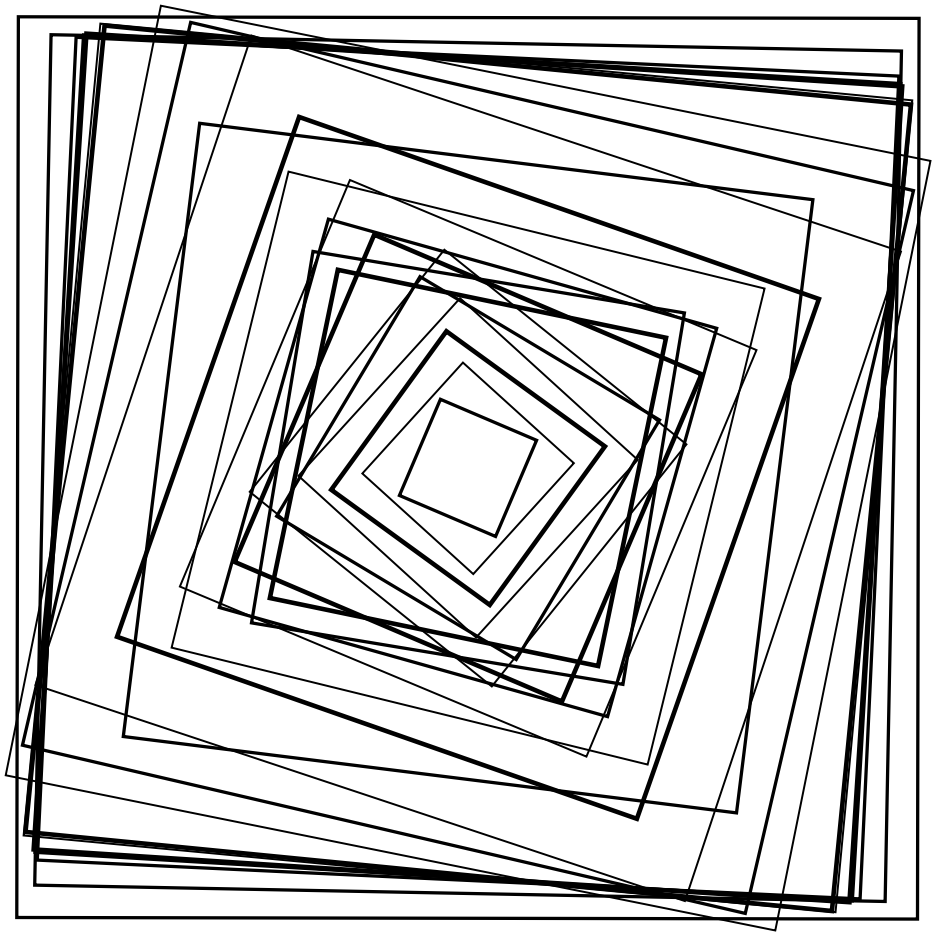


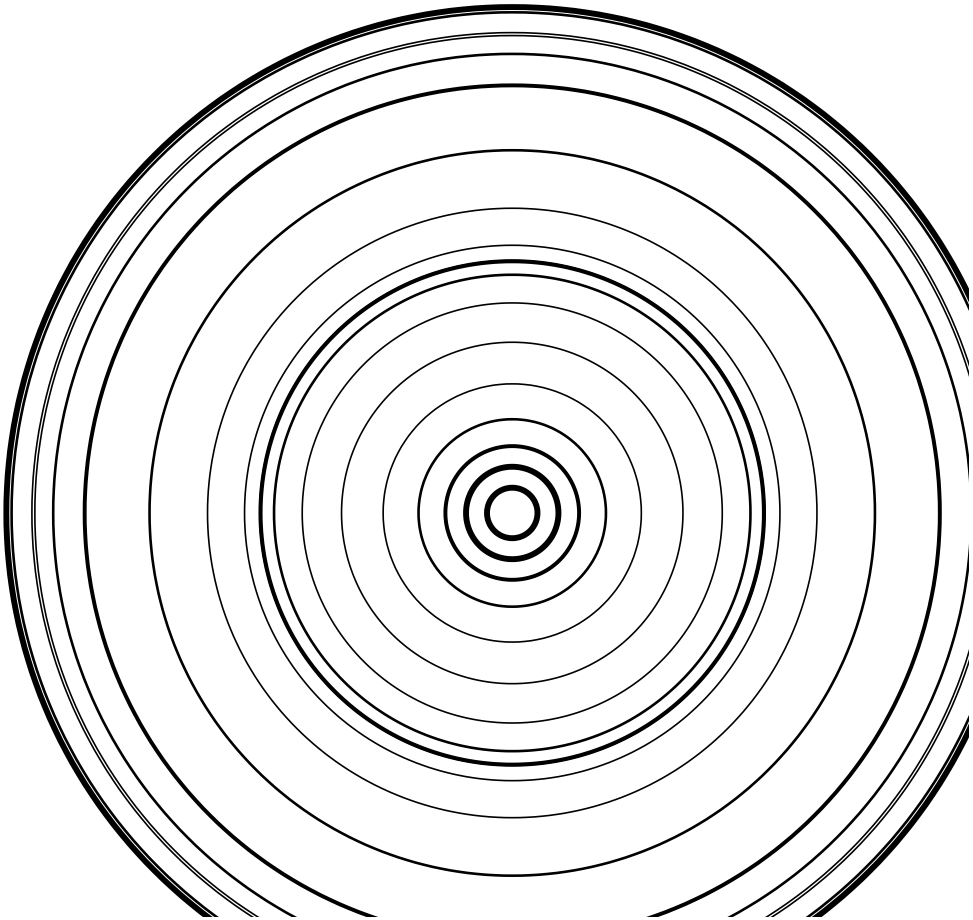


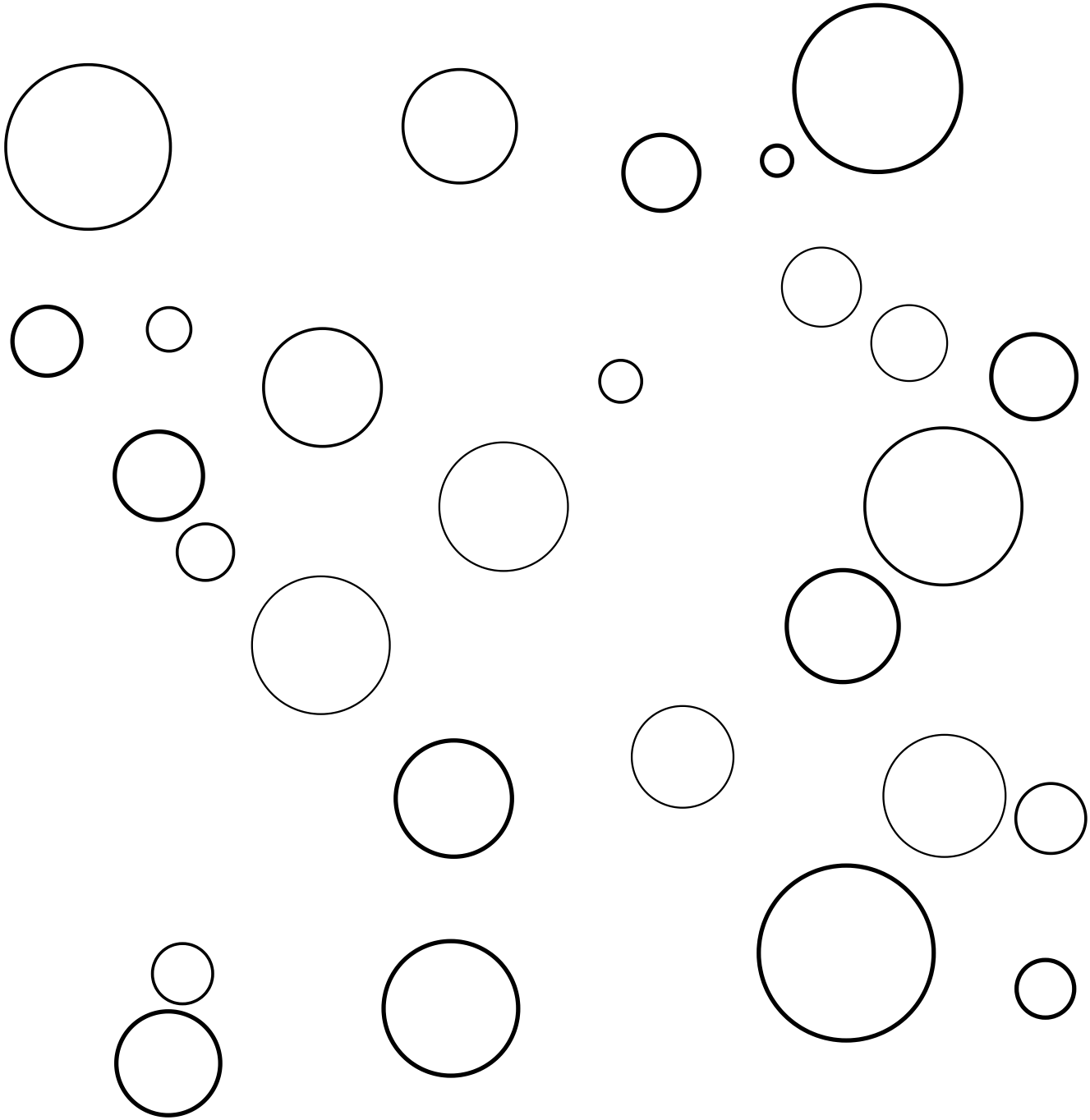


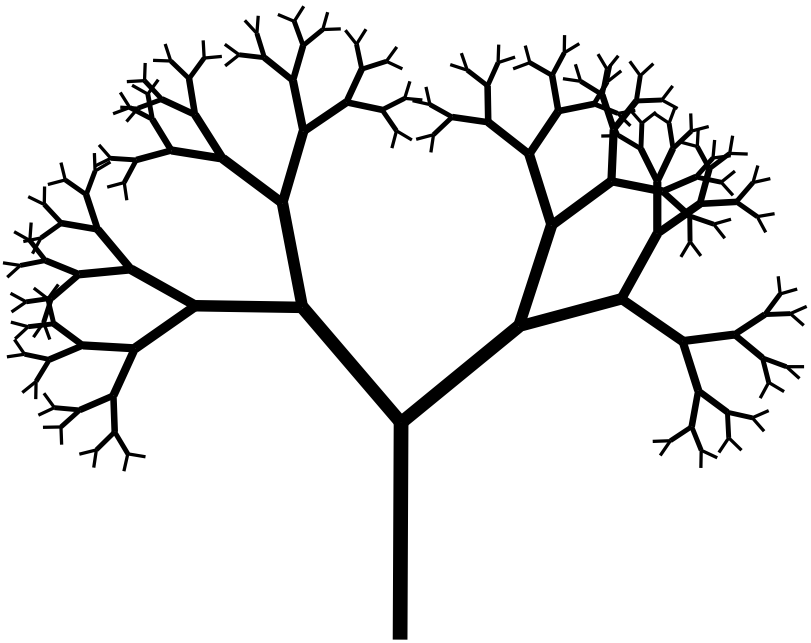


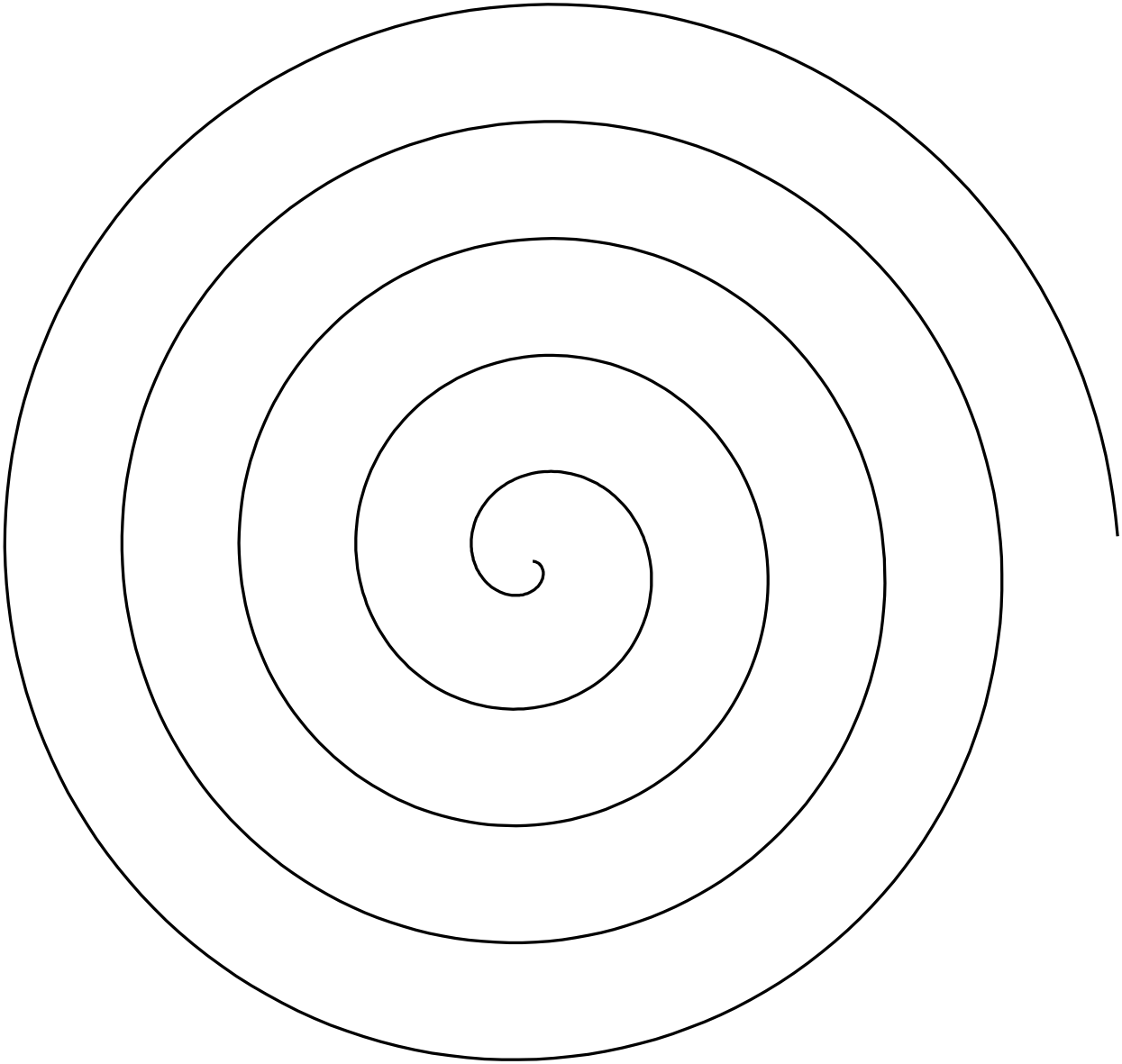


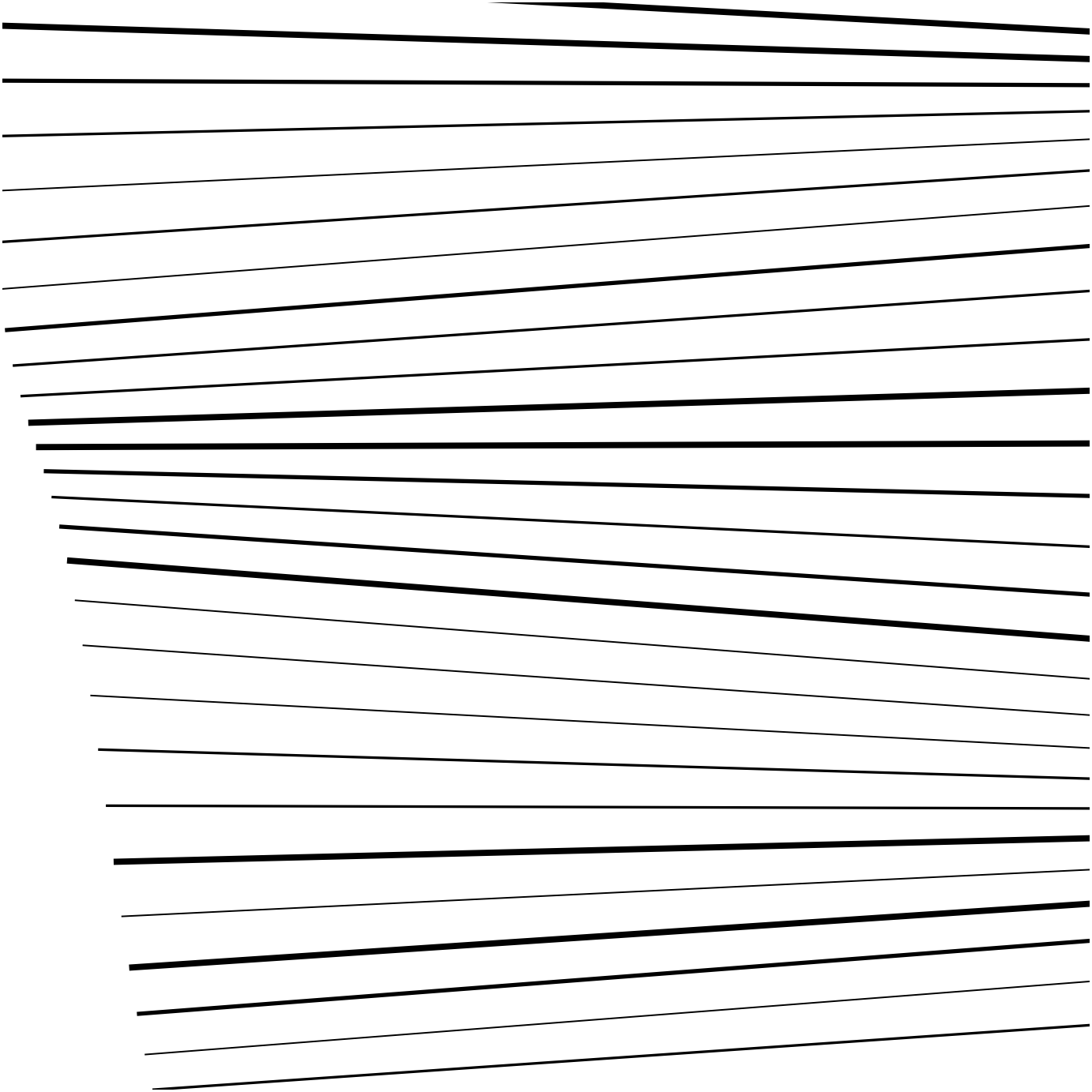


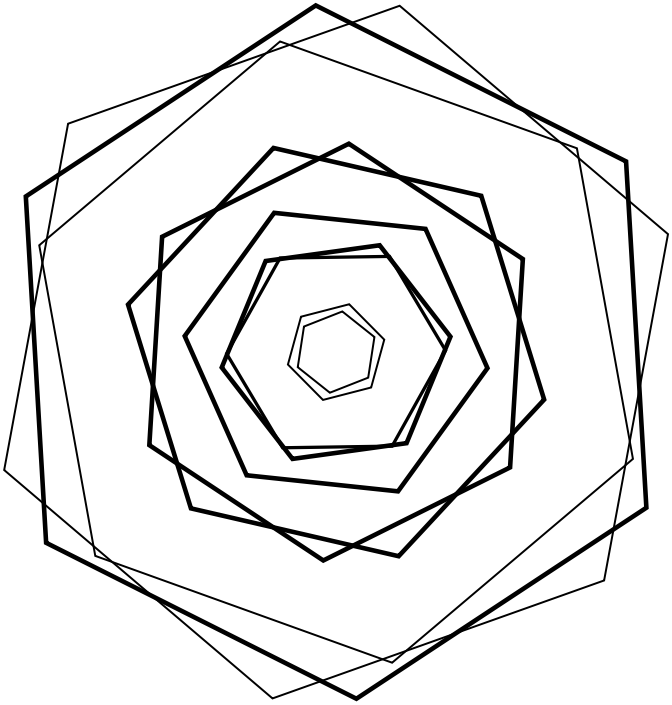


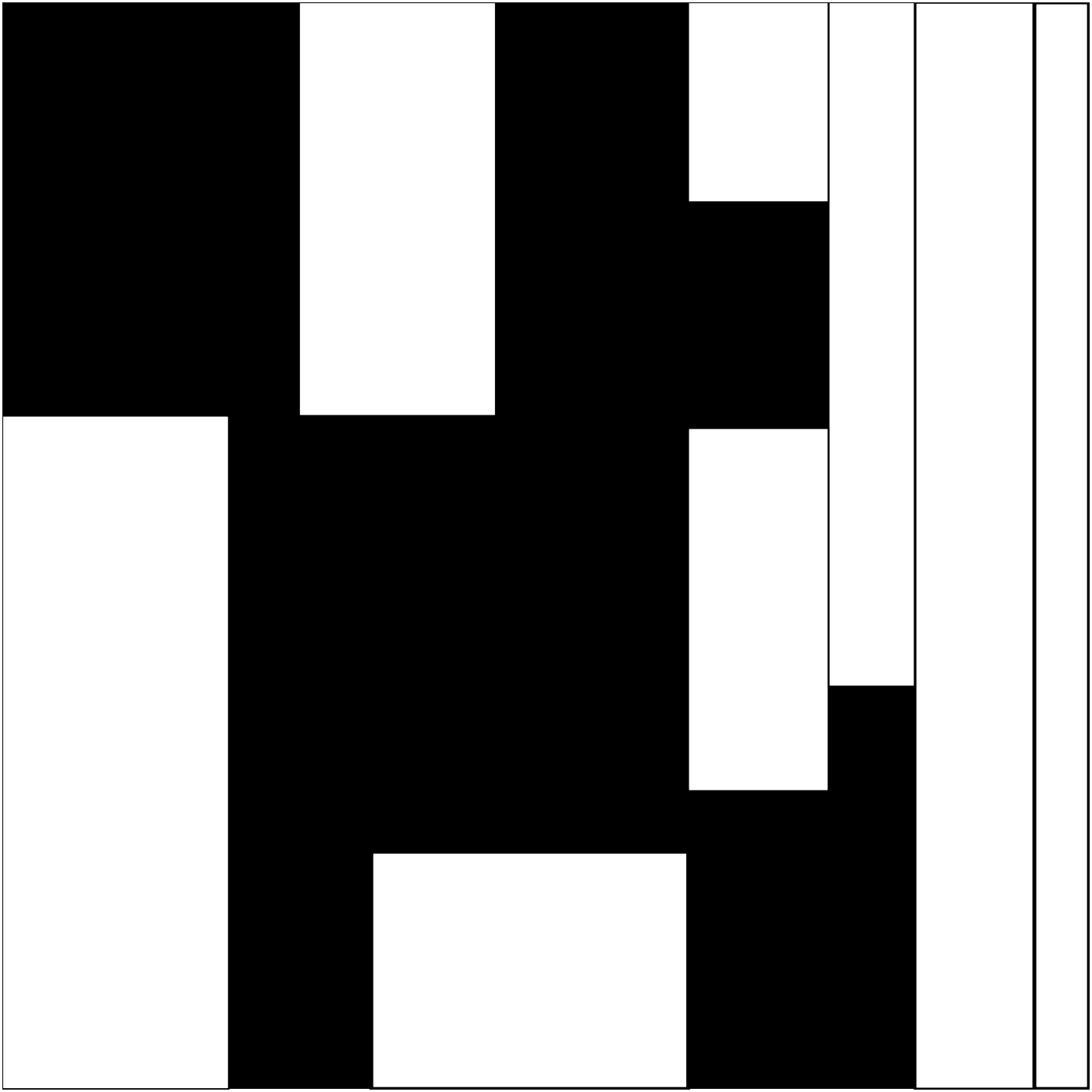


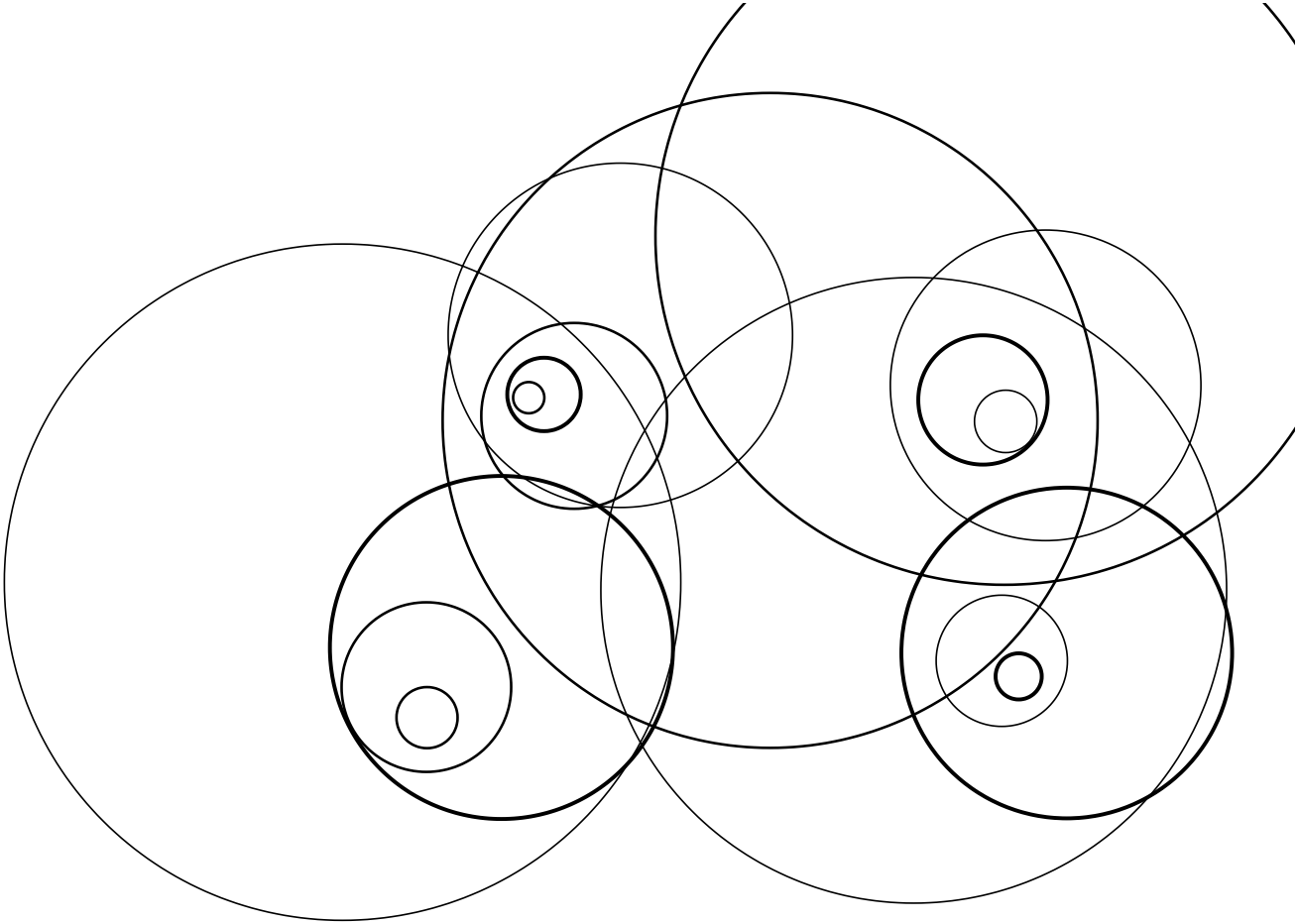


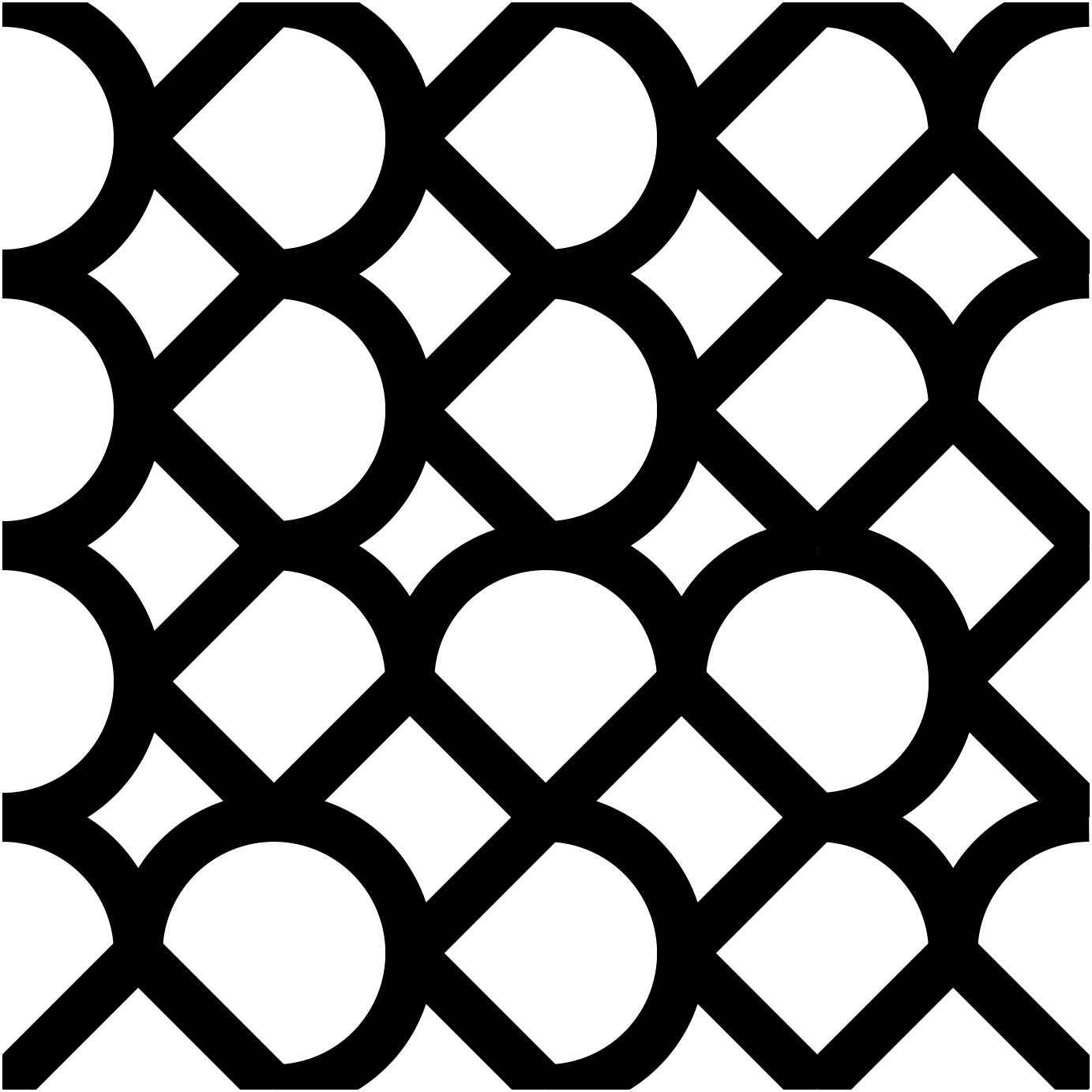


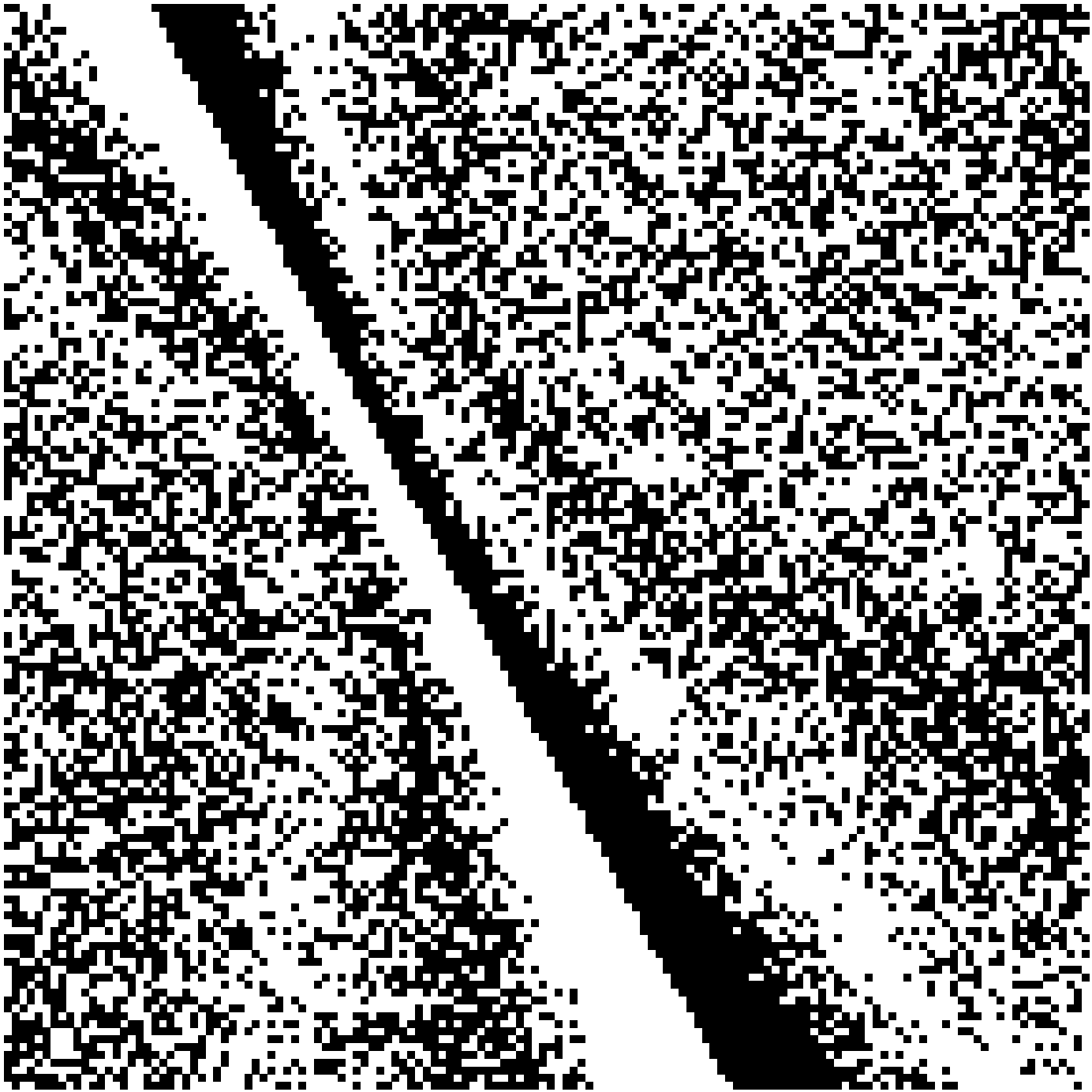


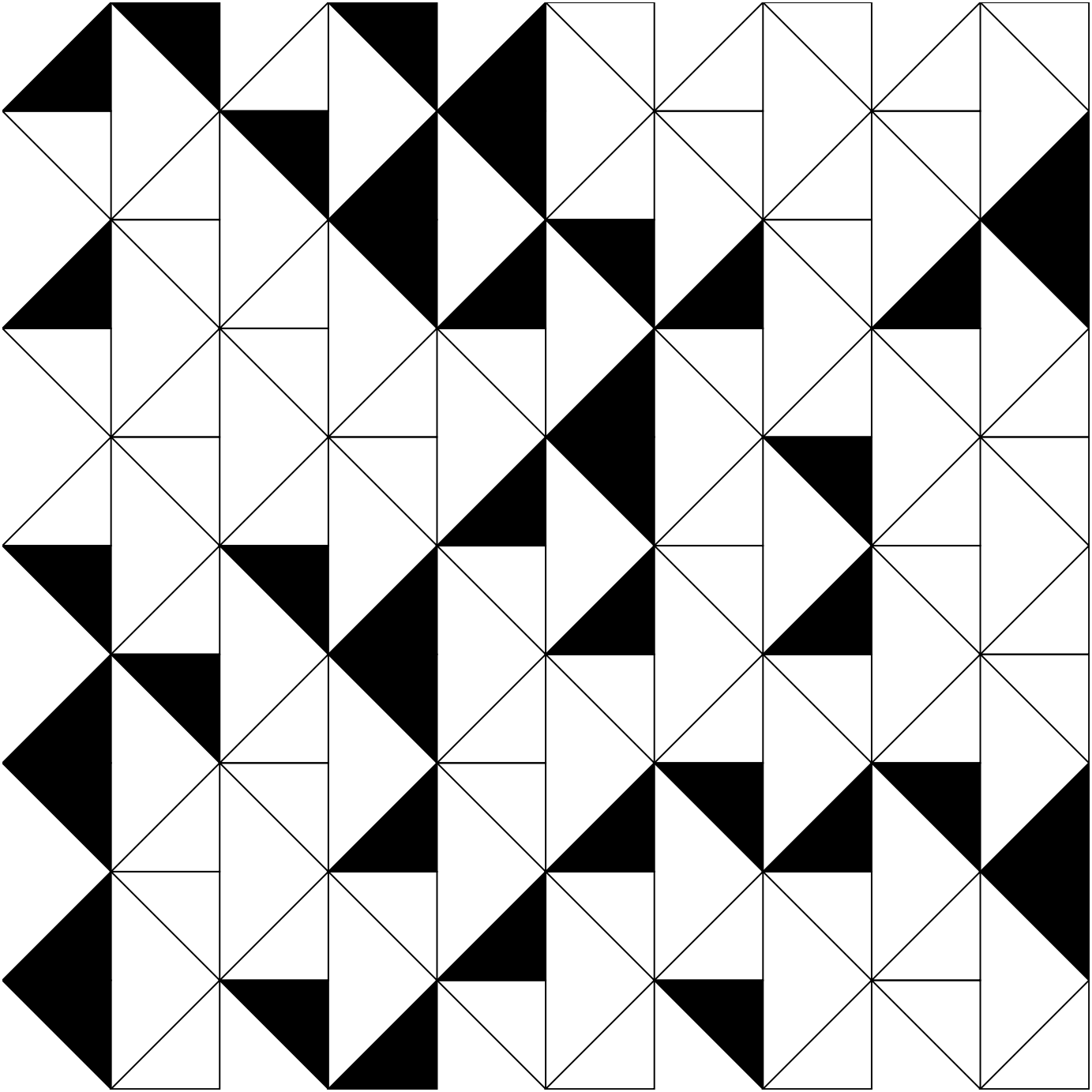


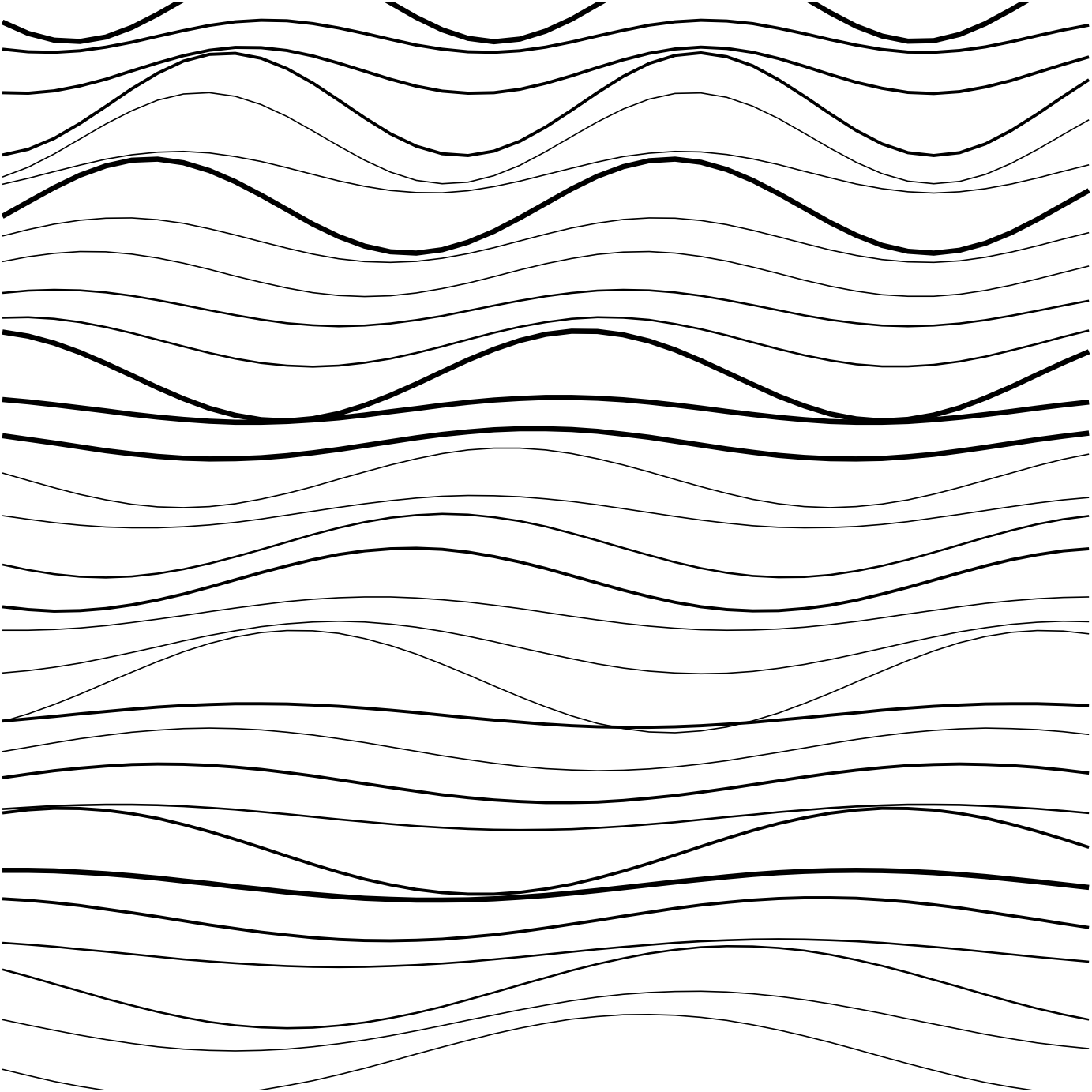


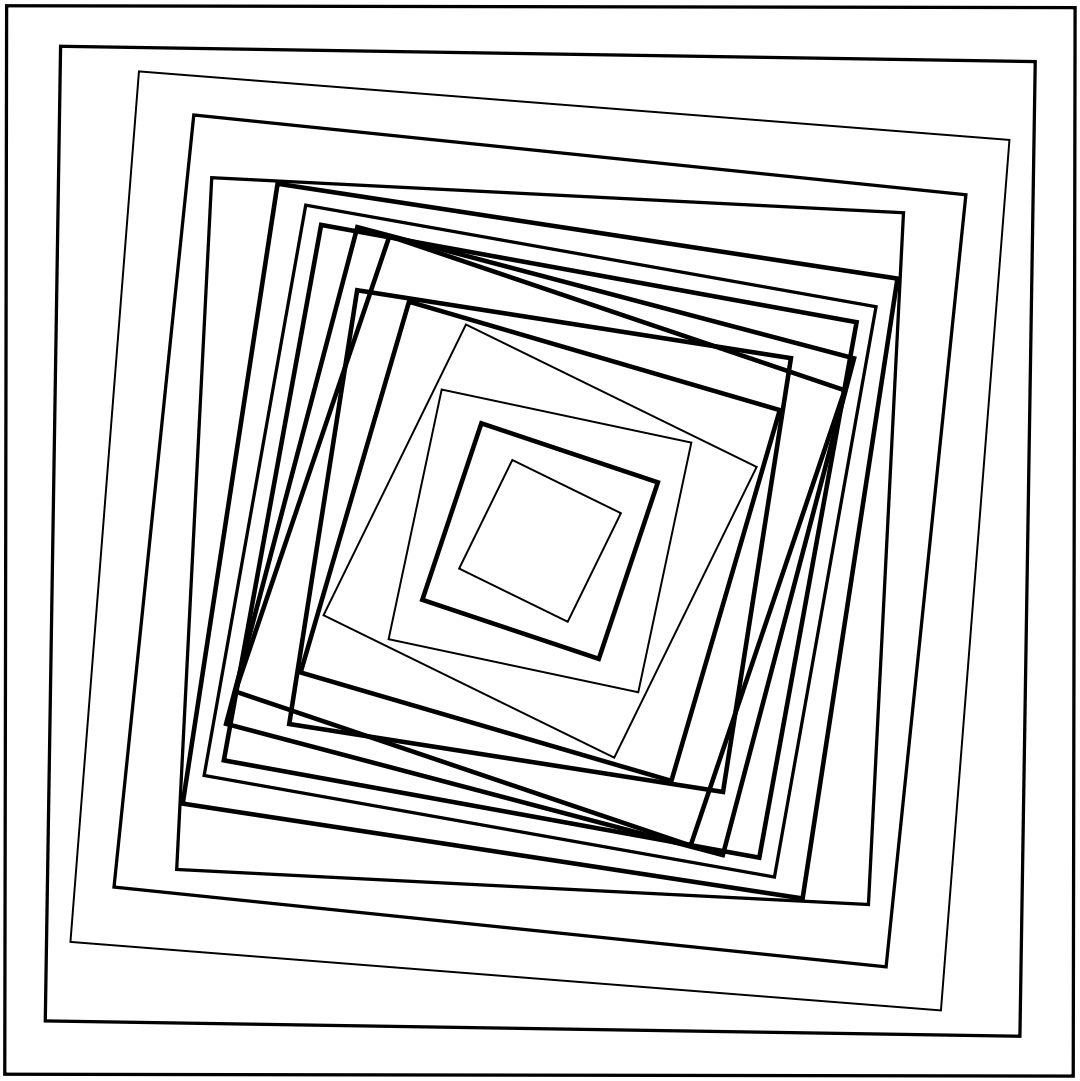


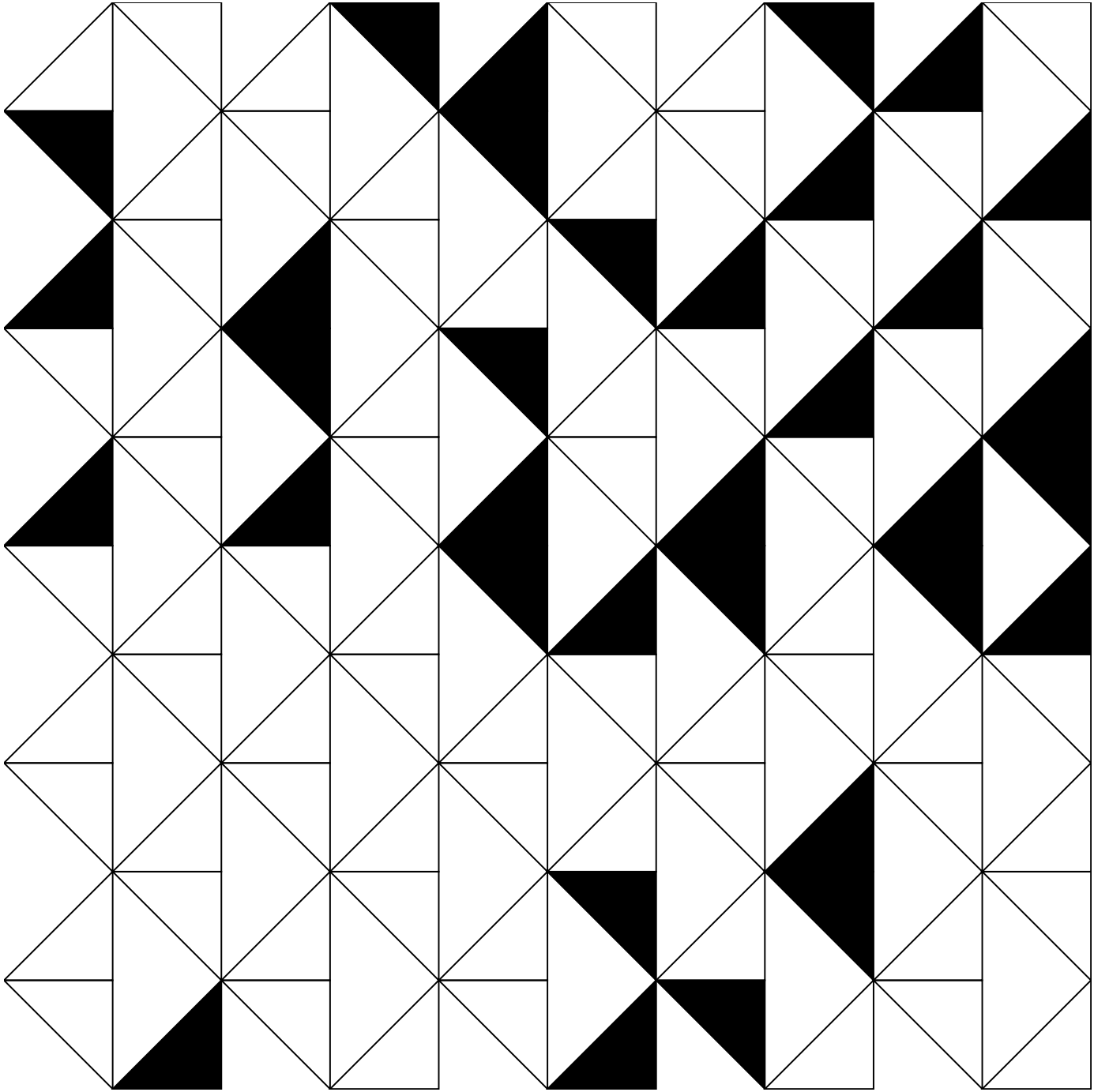


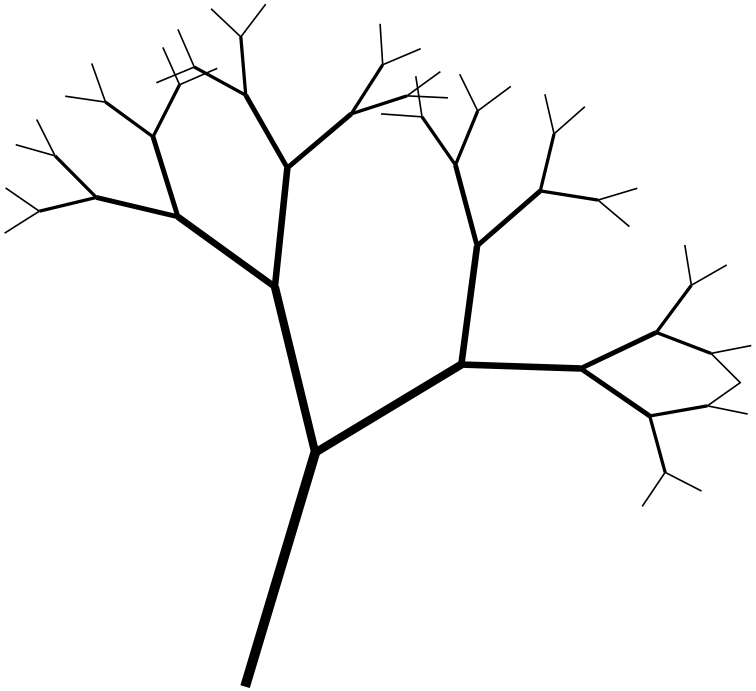


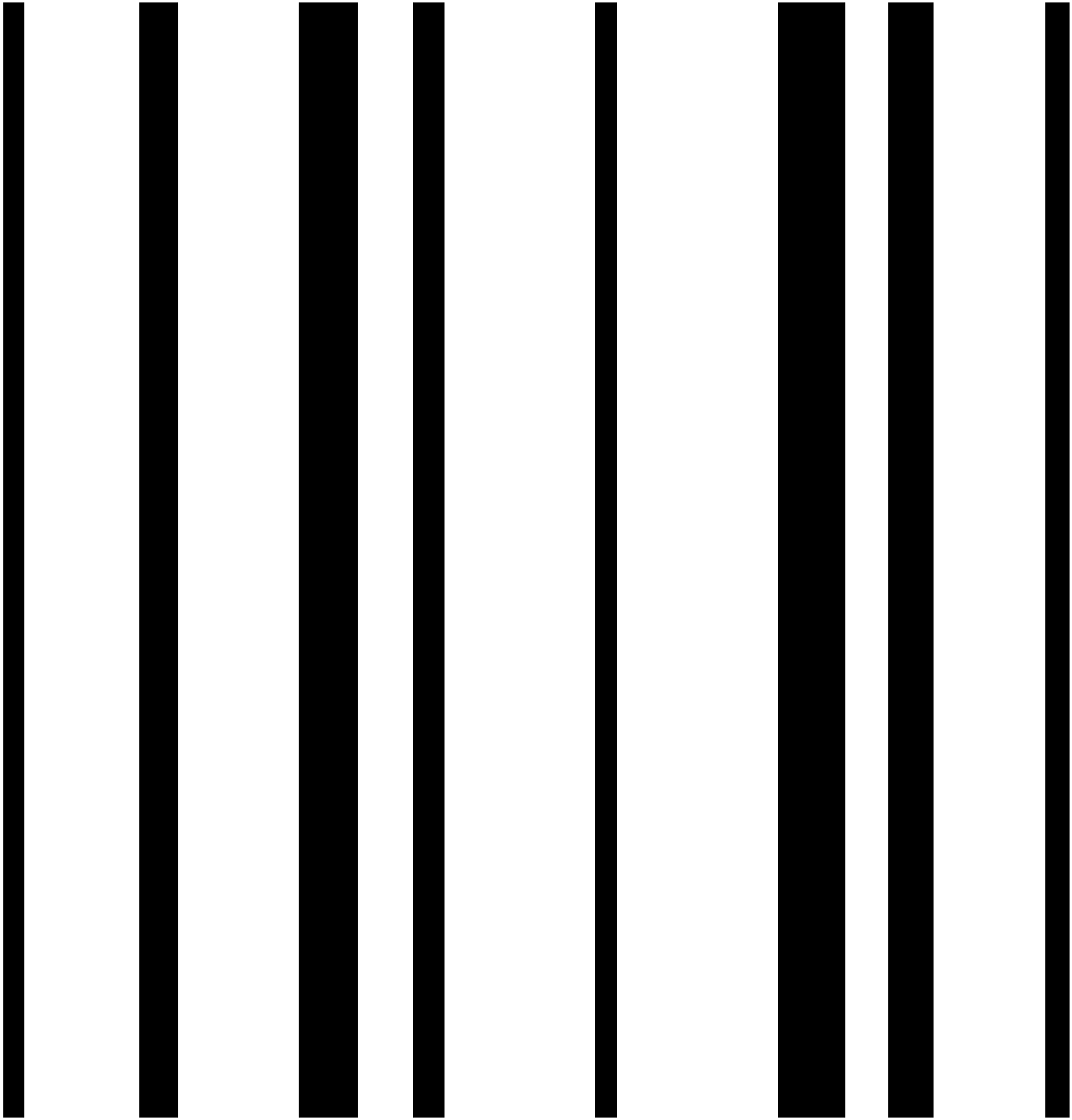


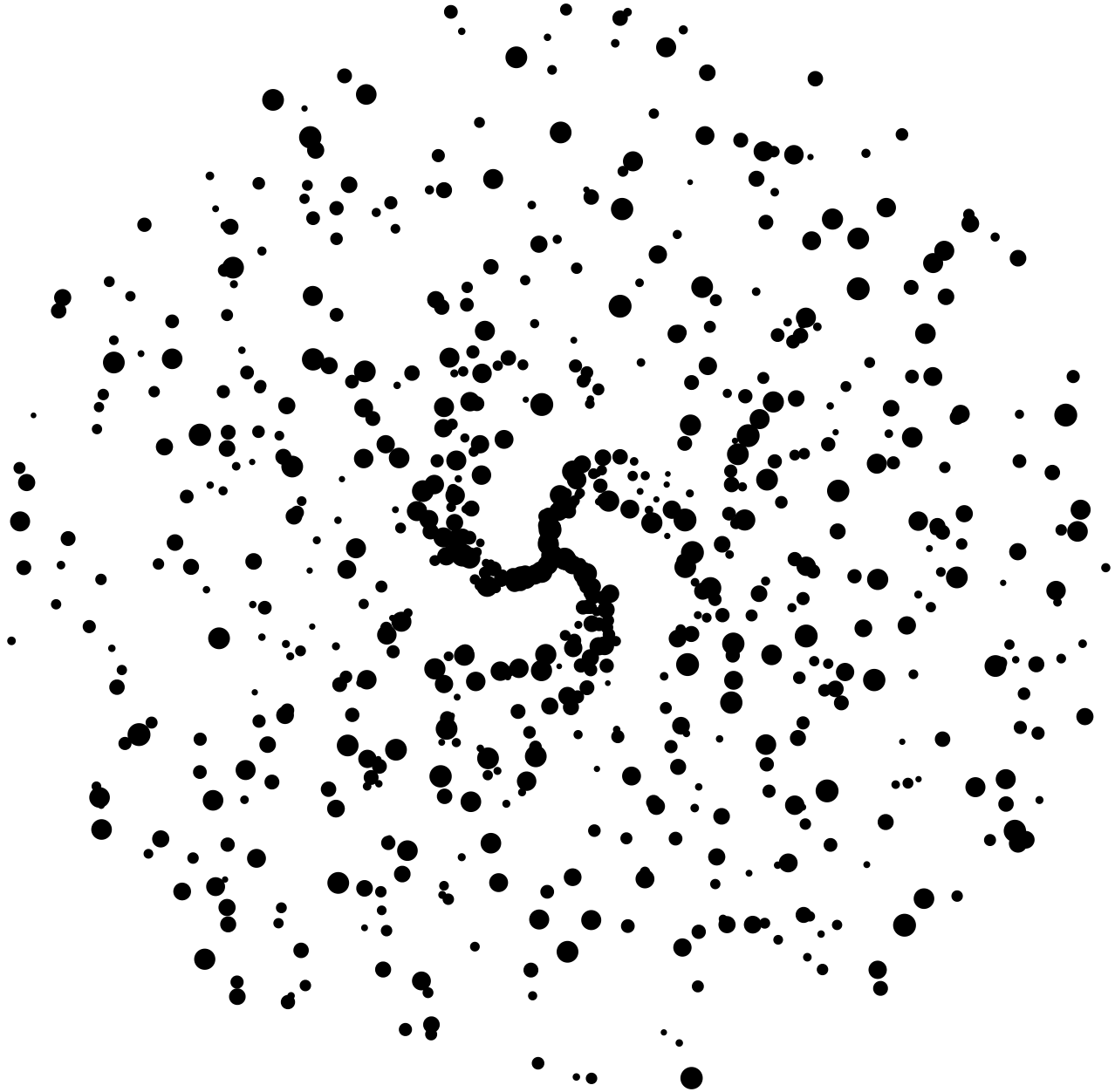


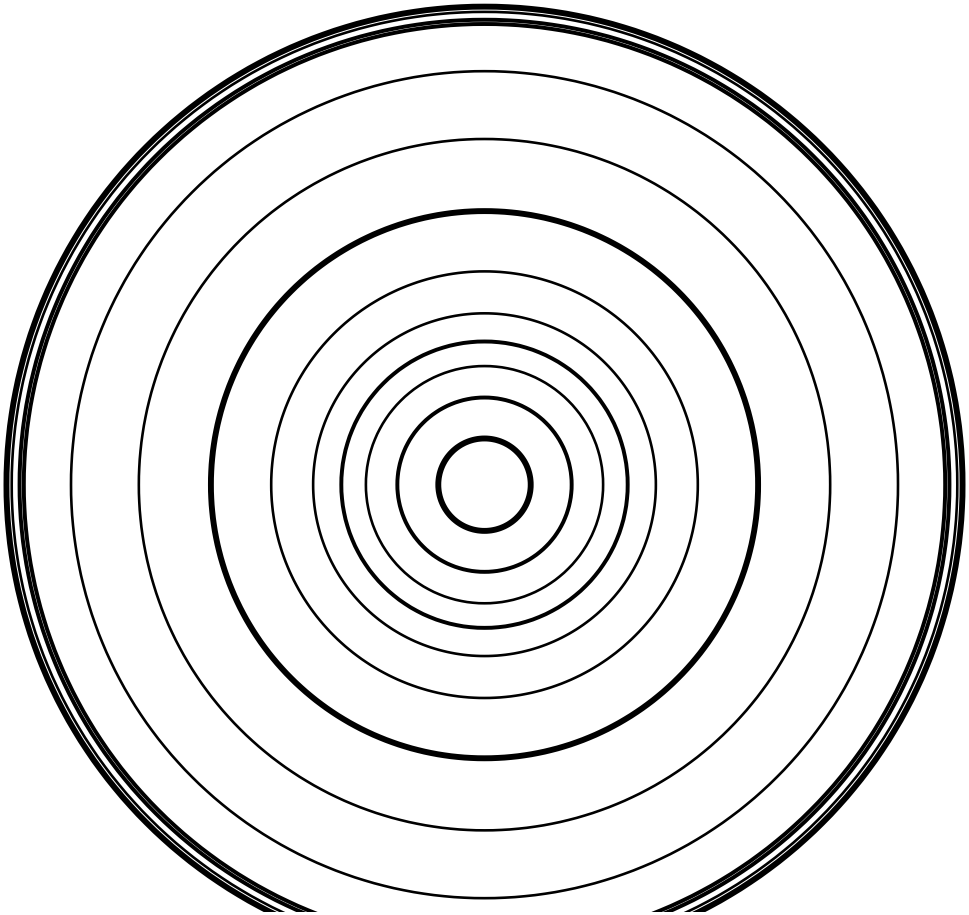


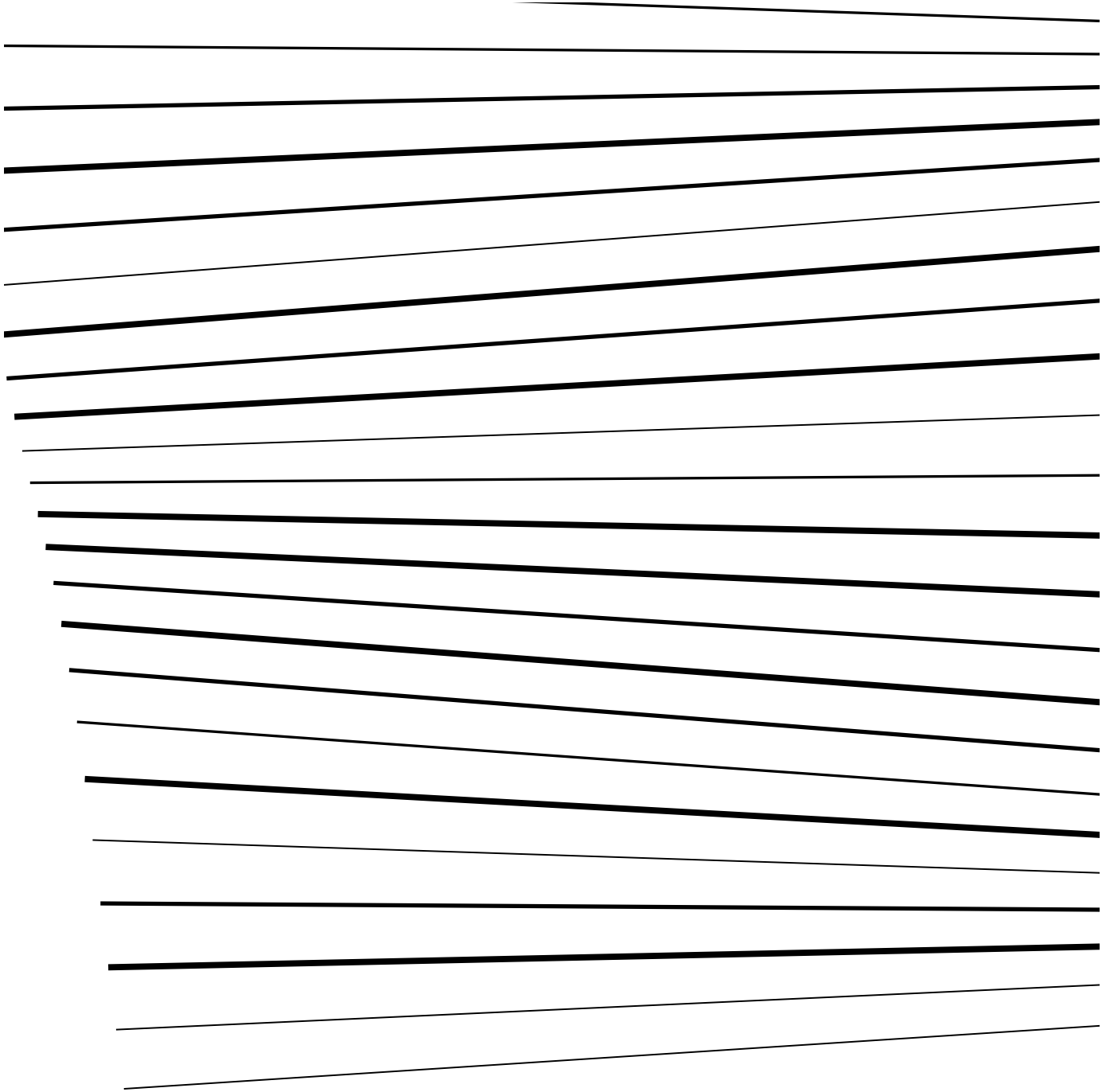


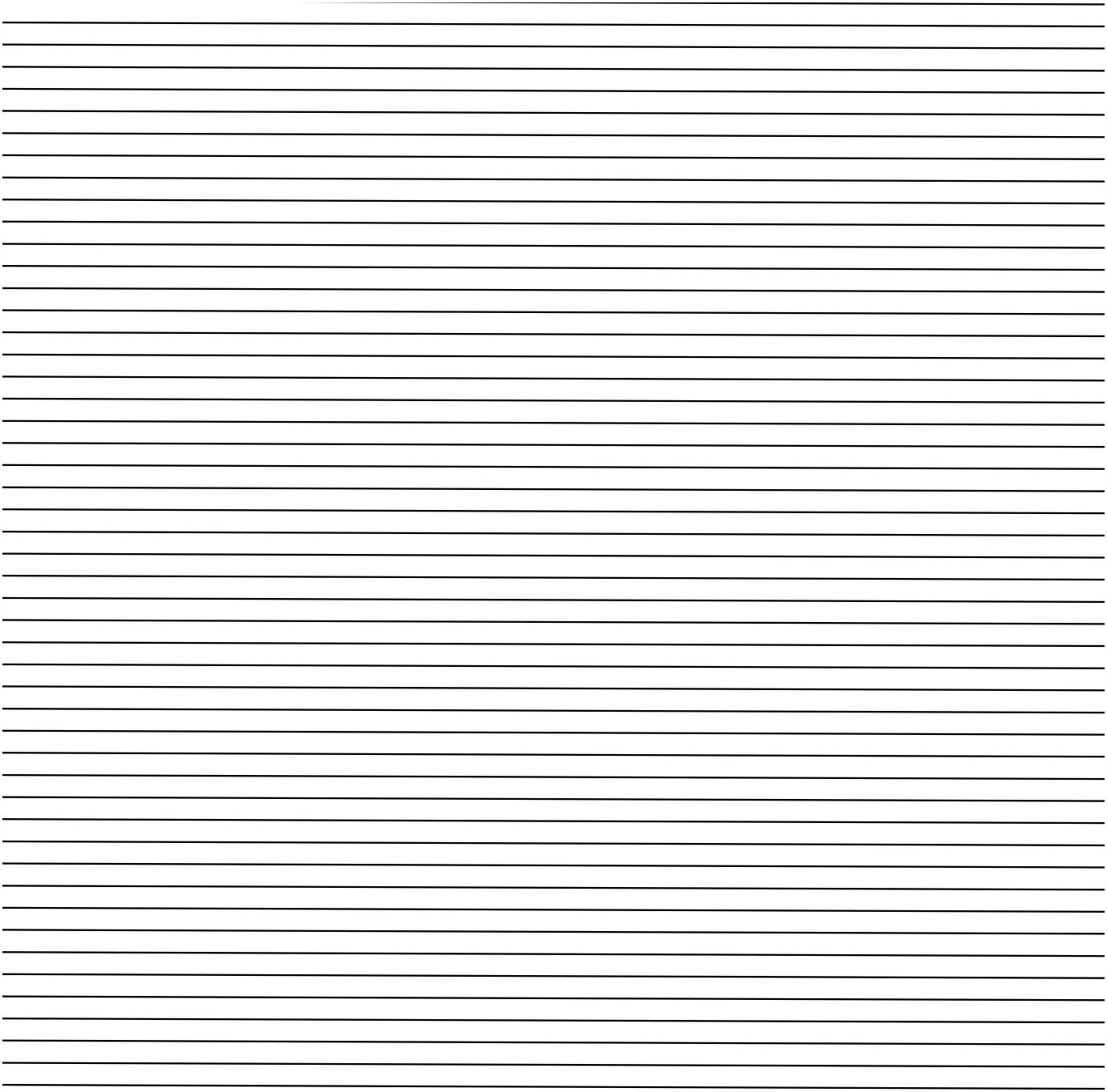


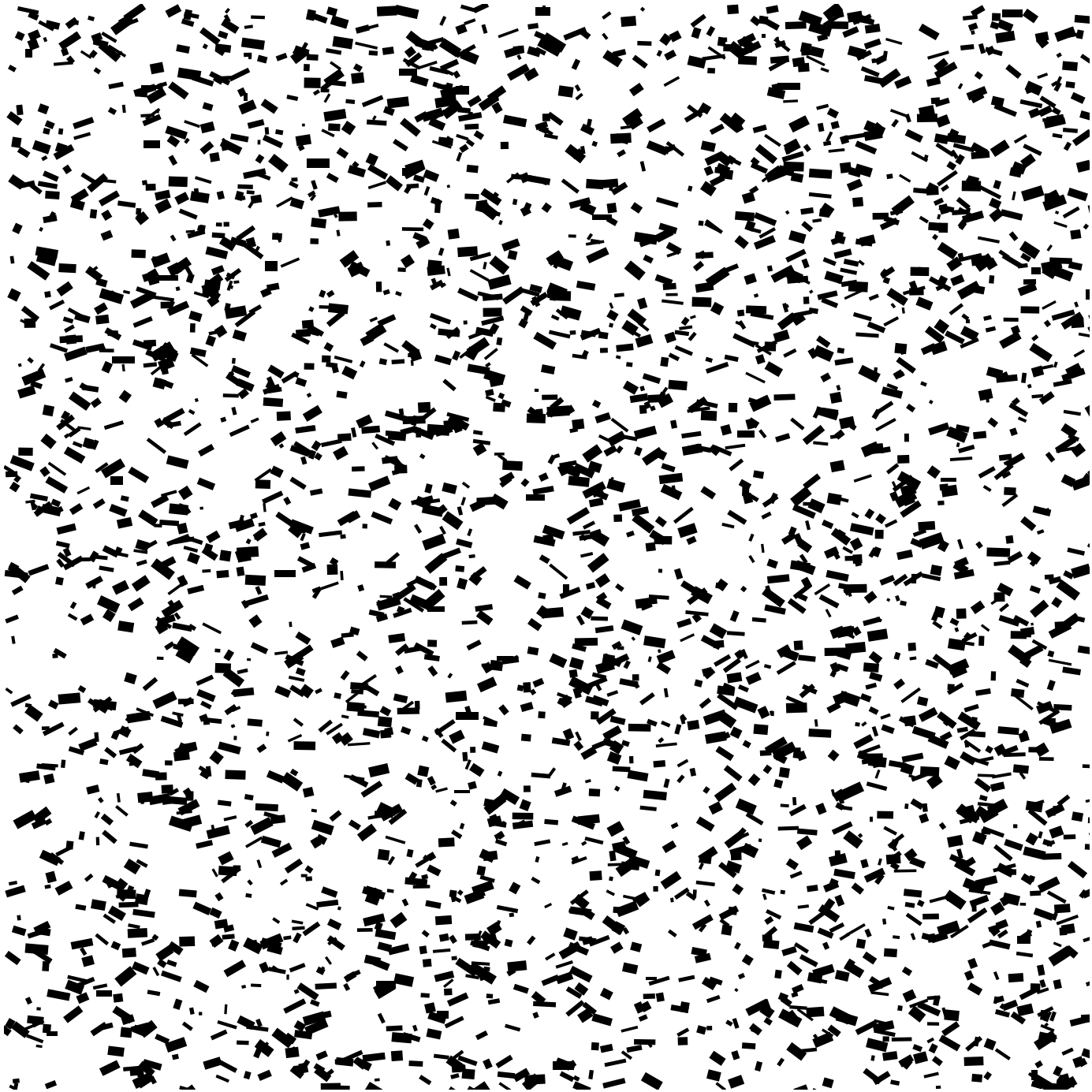


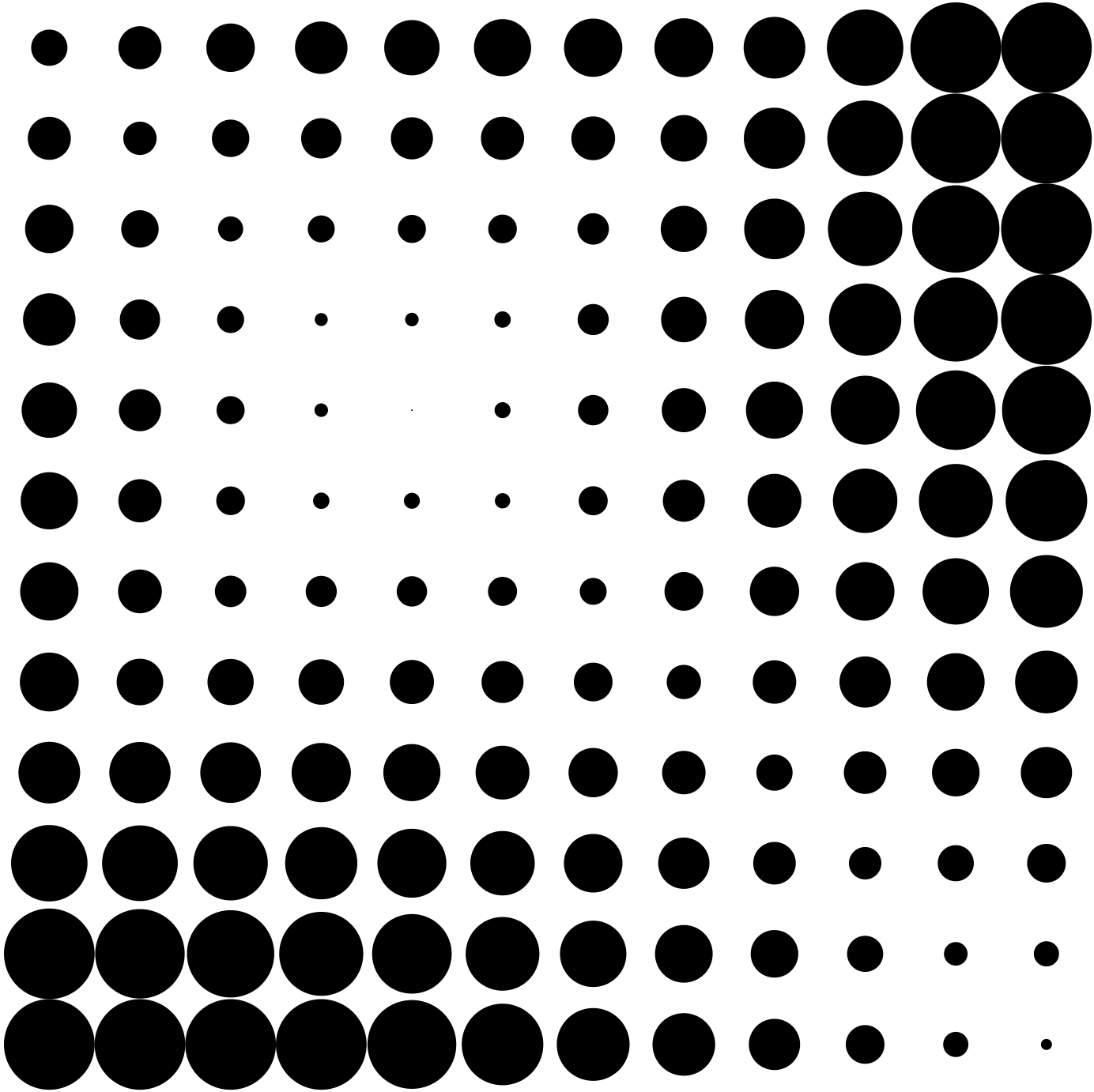


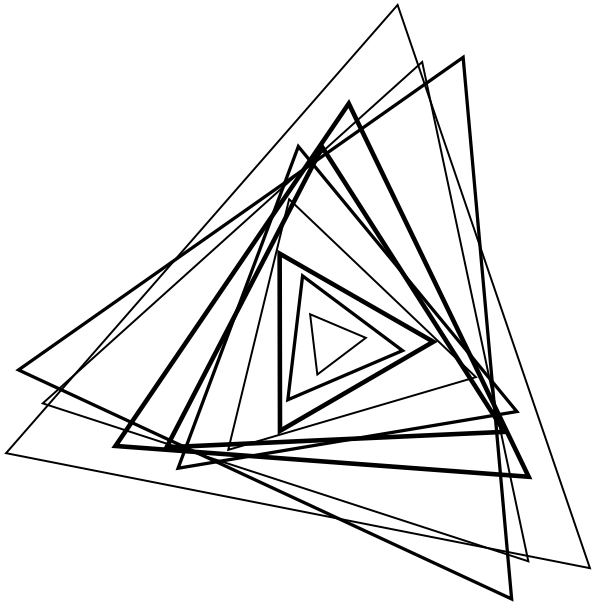


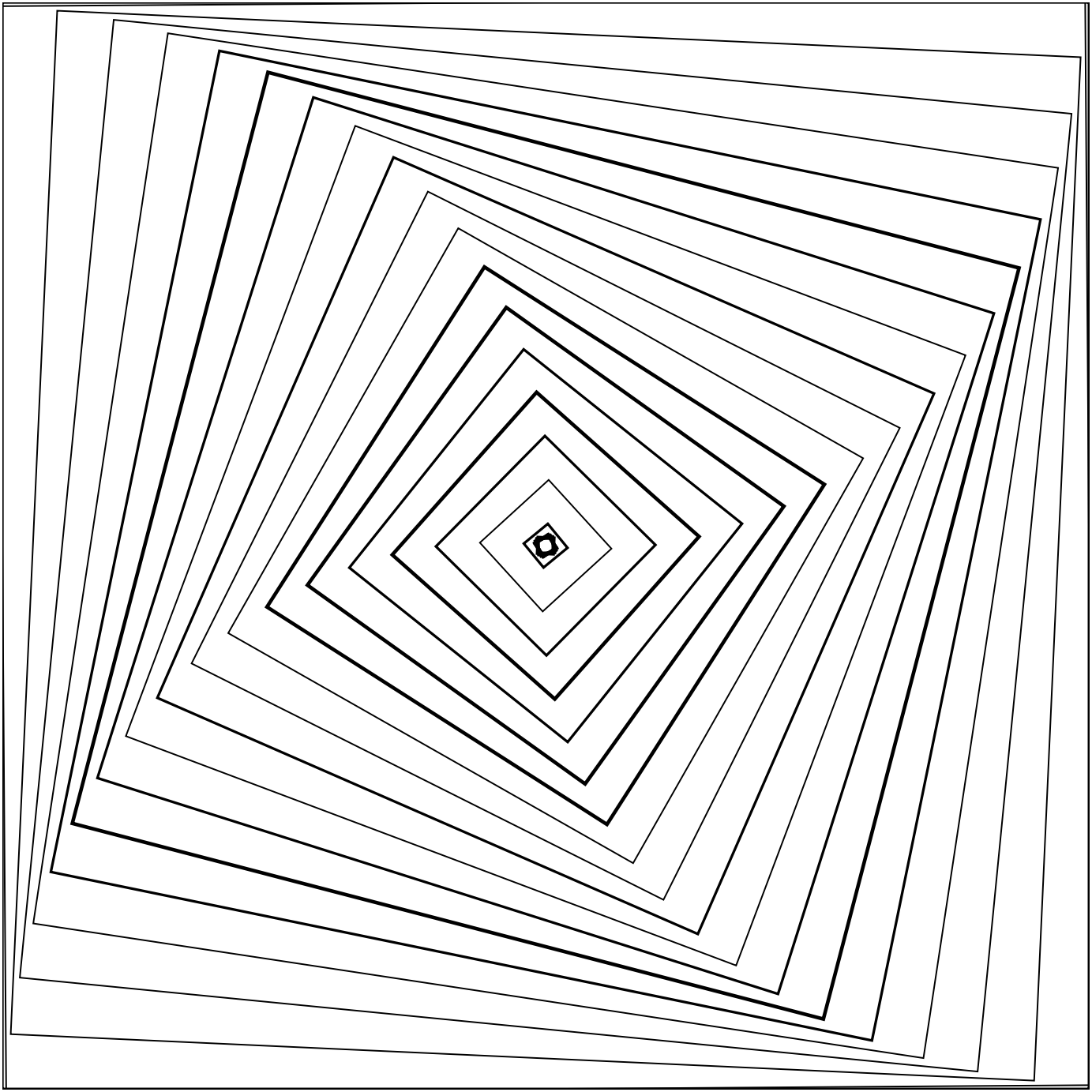


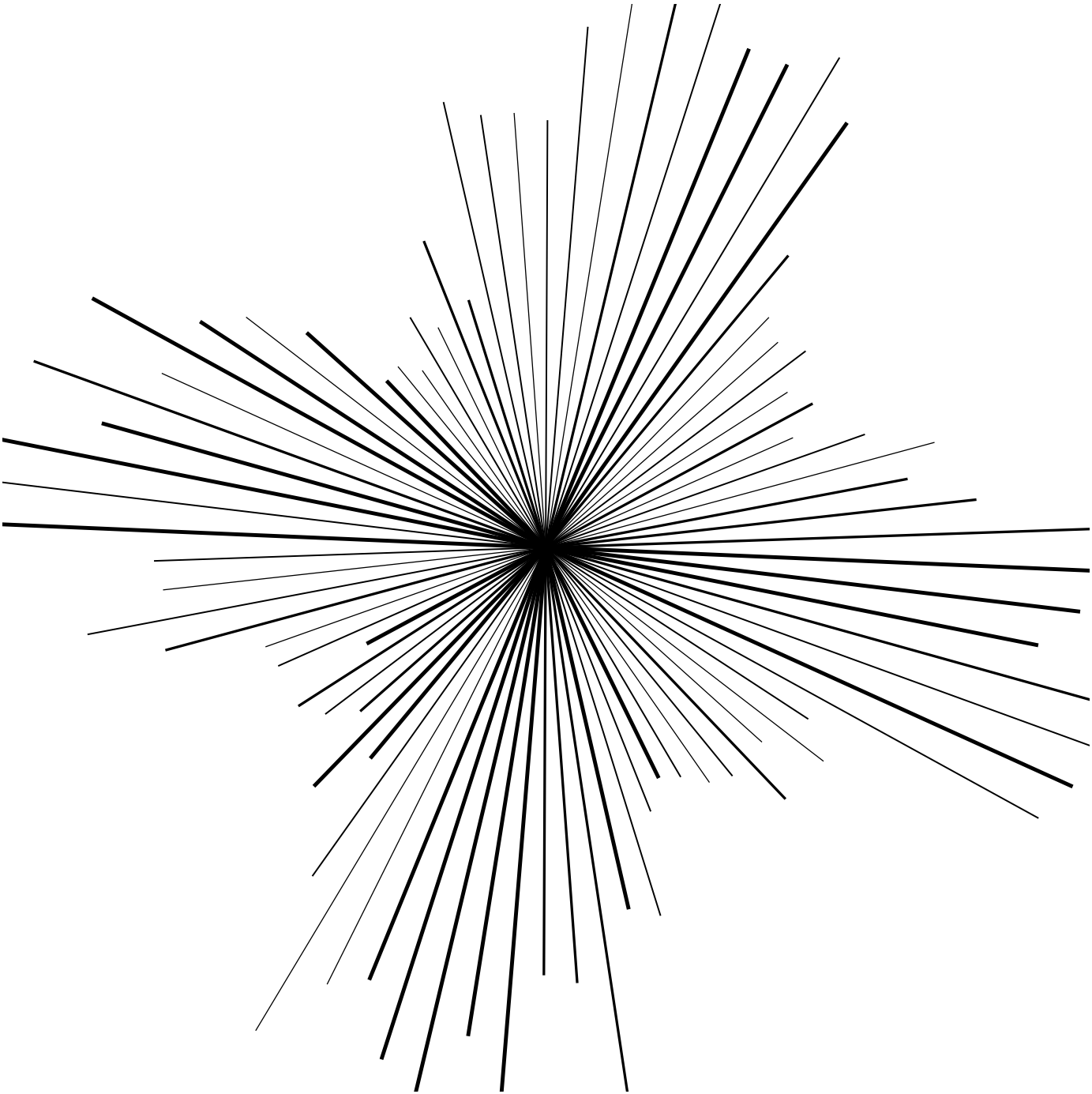


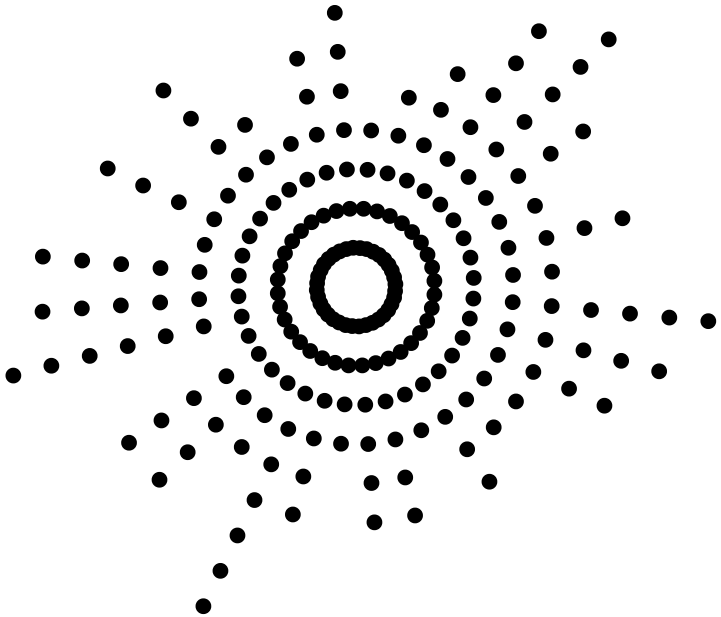












End of plates

152 compositions from 38 procedures, reproducible from fixed seeds. CC BY 4.0.