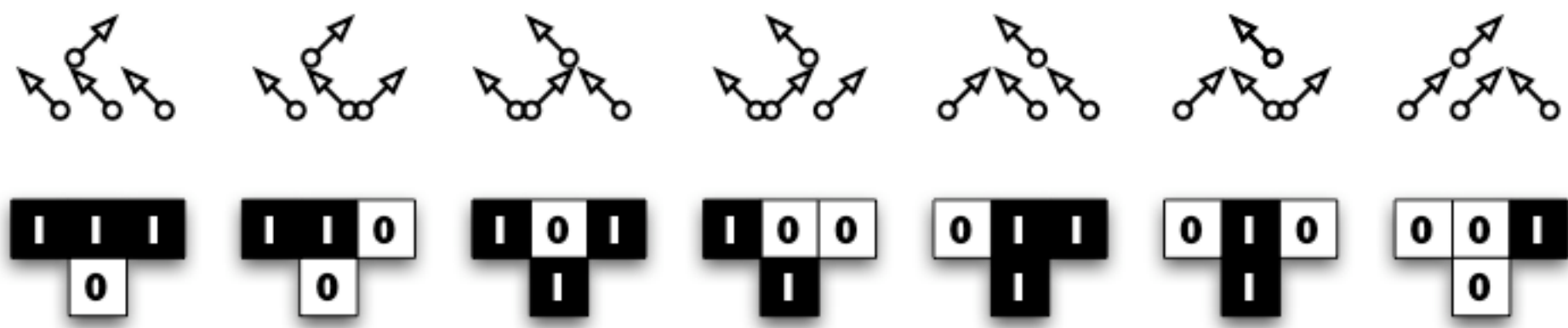


# drawing lines with simple programs

some artistic experiments with NKS

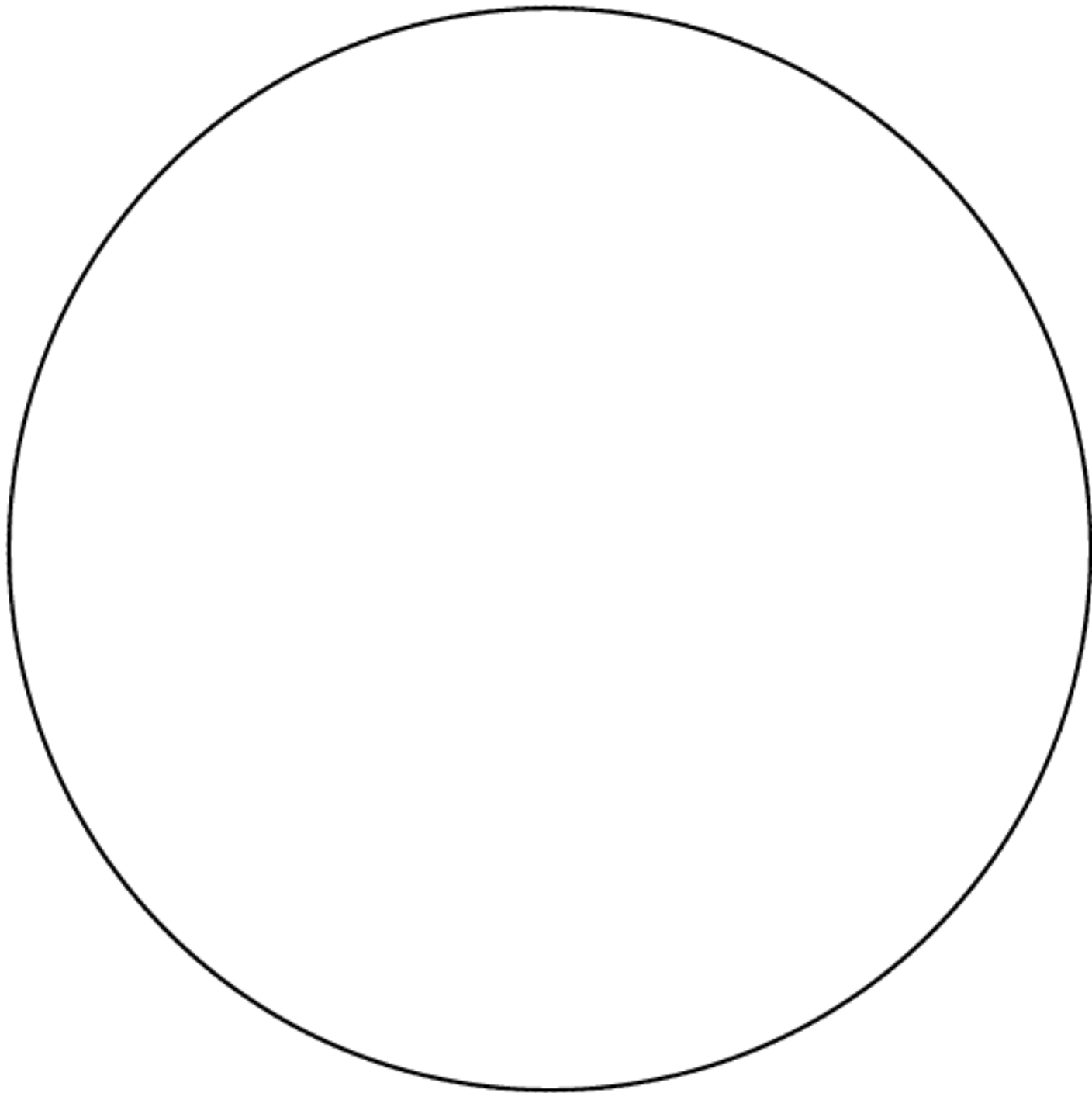
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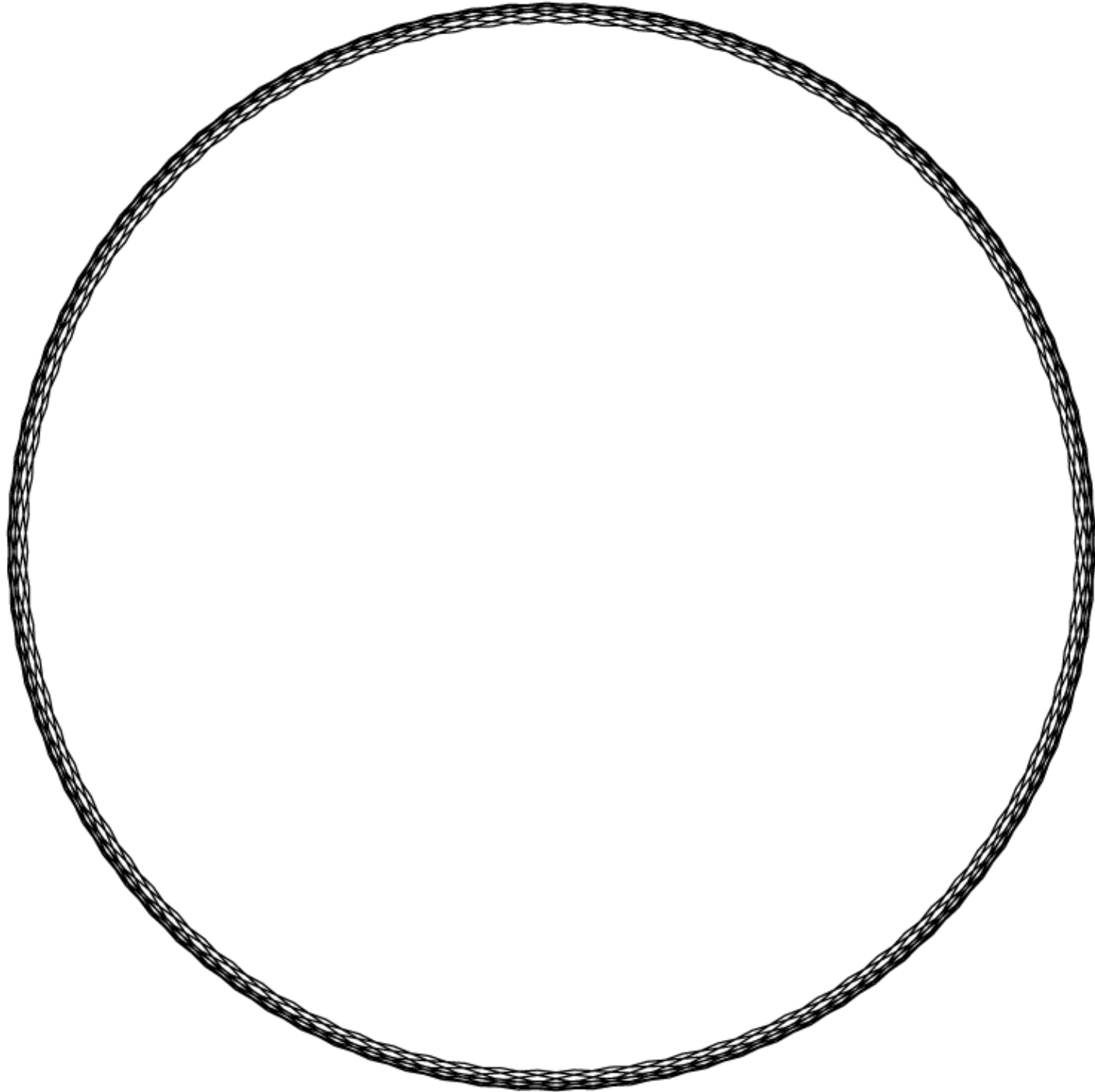


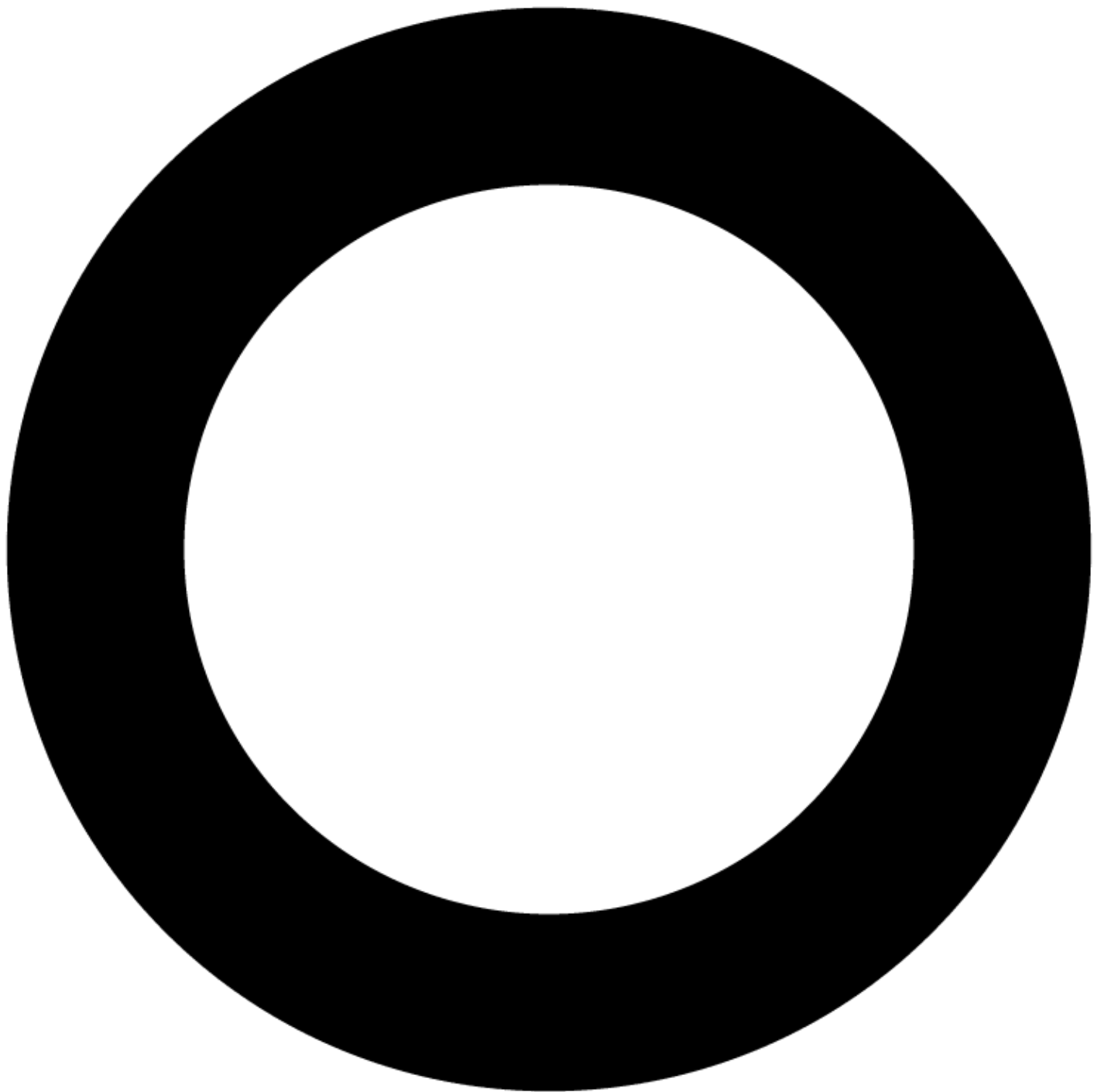
simple 2d lines

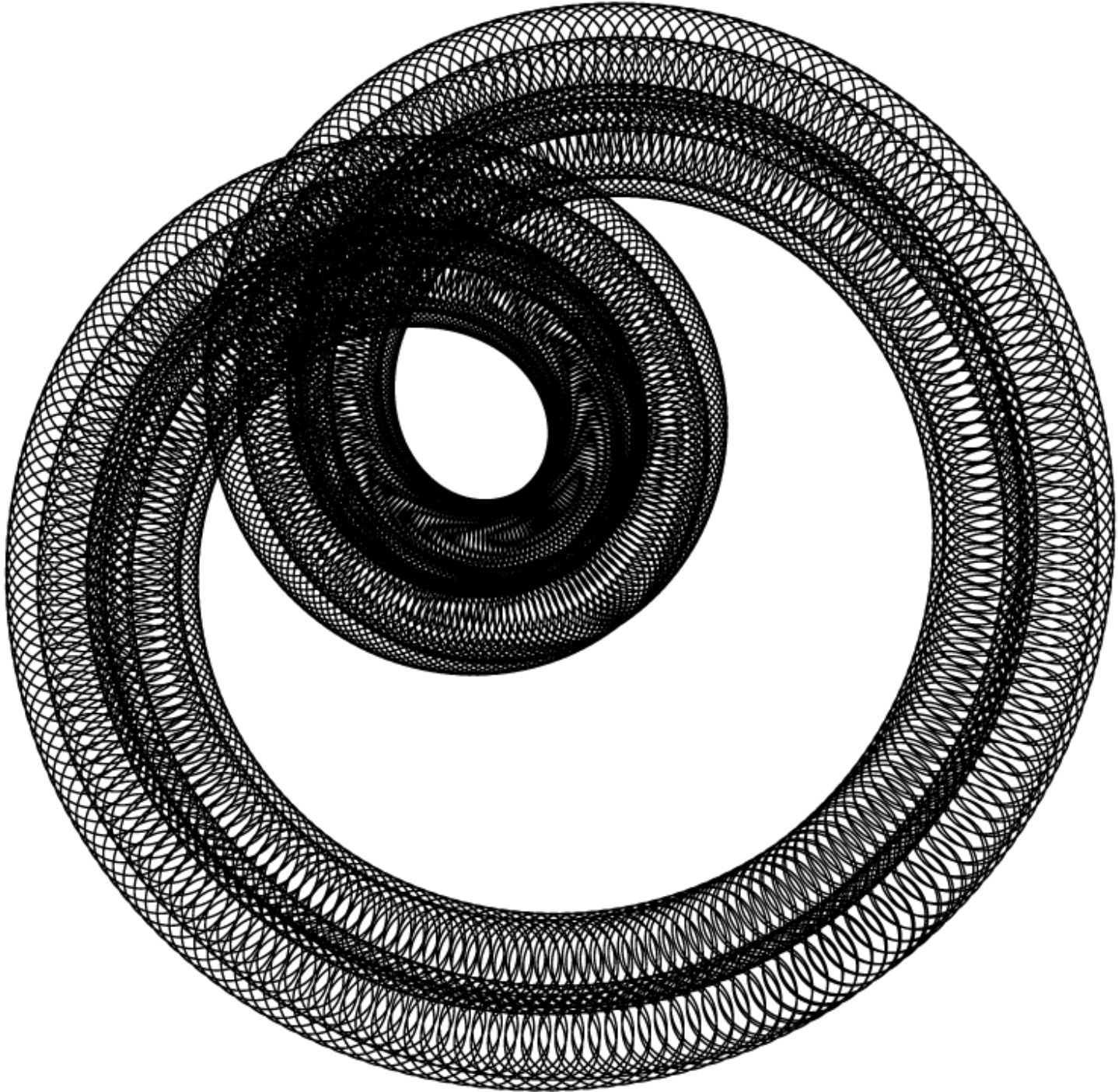
elementary CA's,  $11^\circ$ ,  $0 \rightarrow \text{RF}$ ,  $1 \rightarrow \text{LF}$   
2000 steps

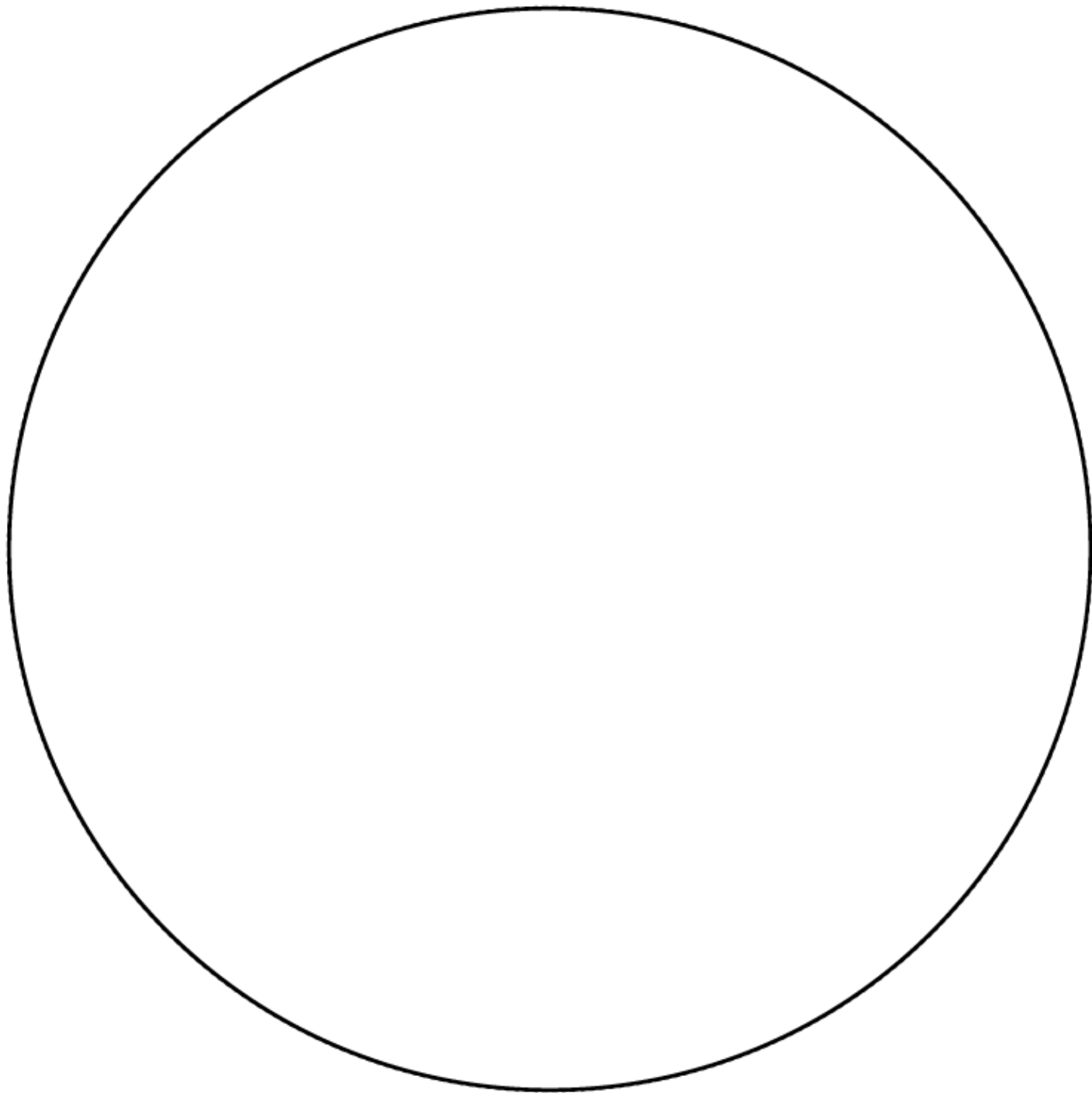


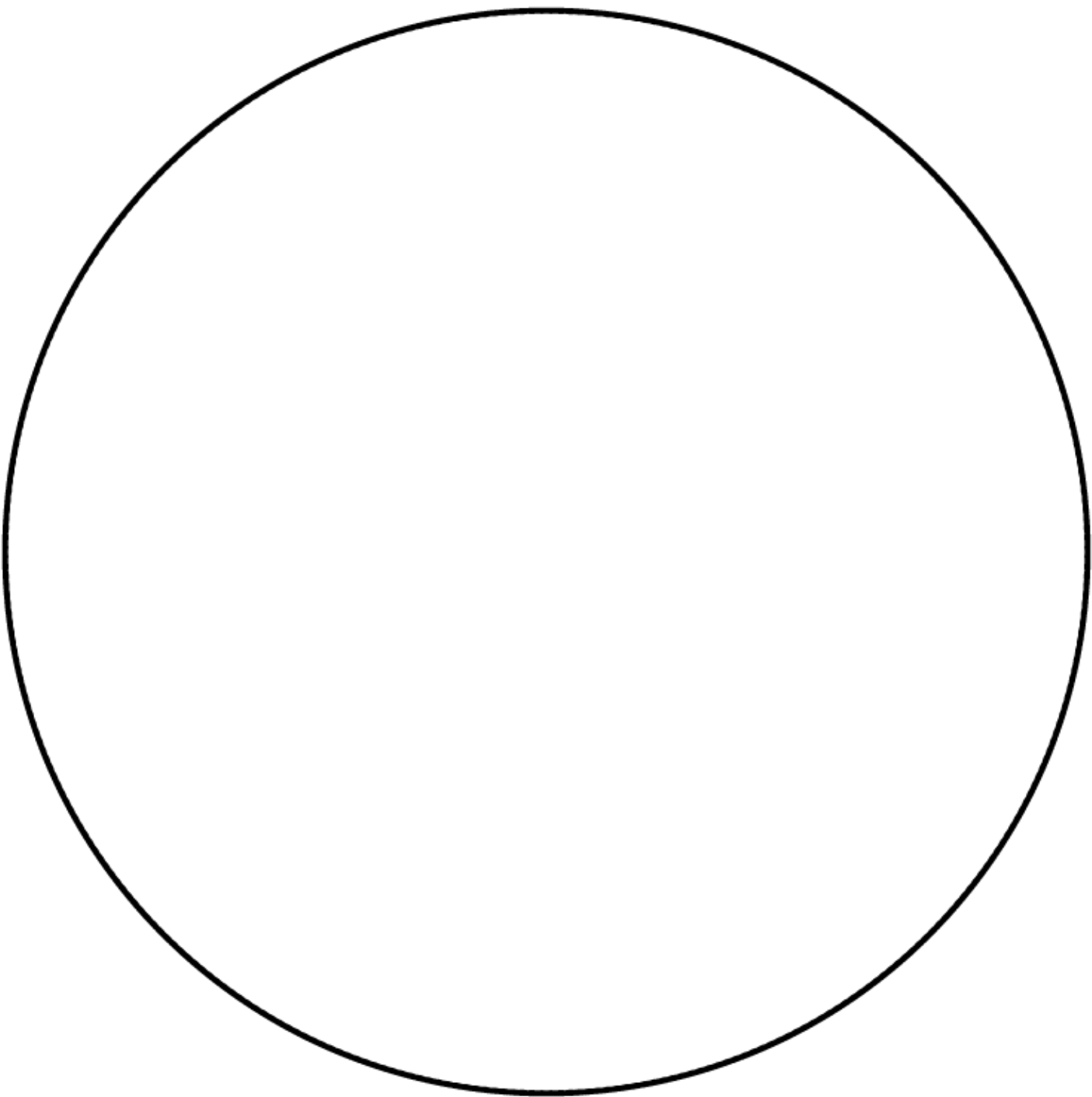




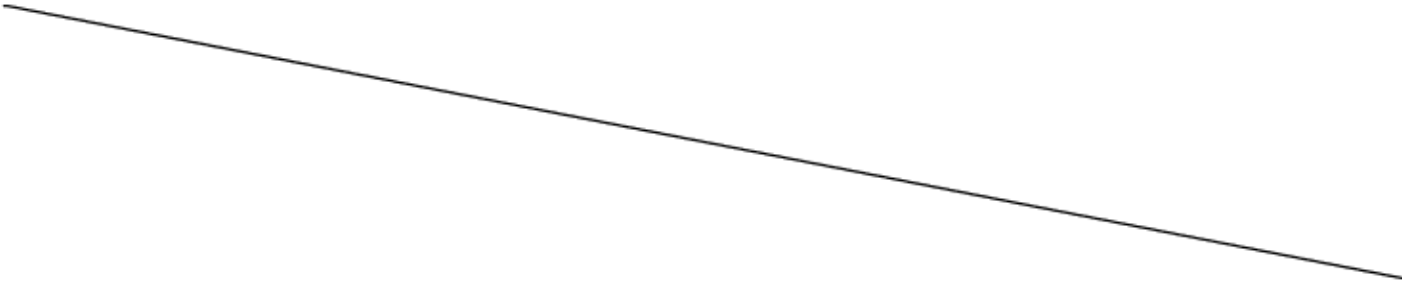


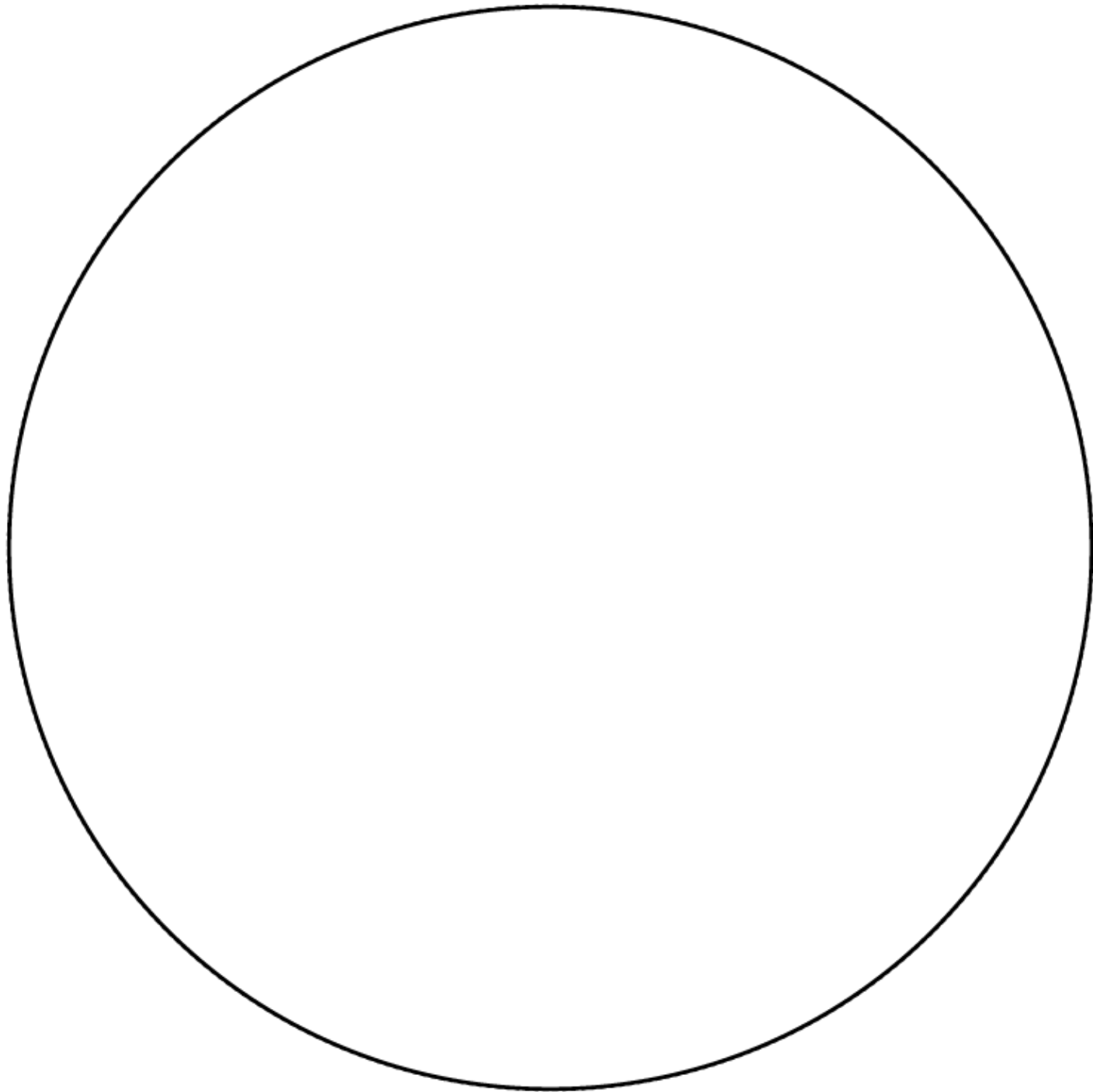




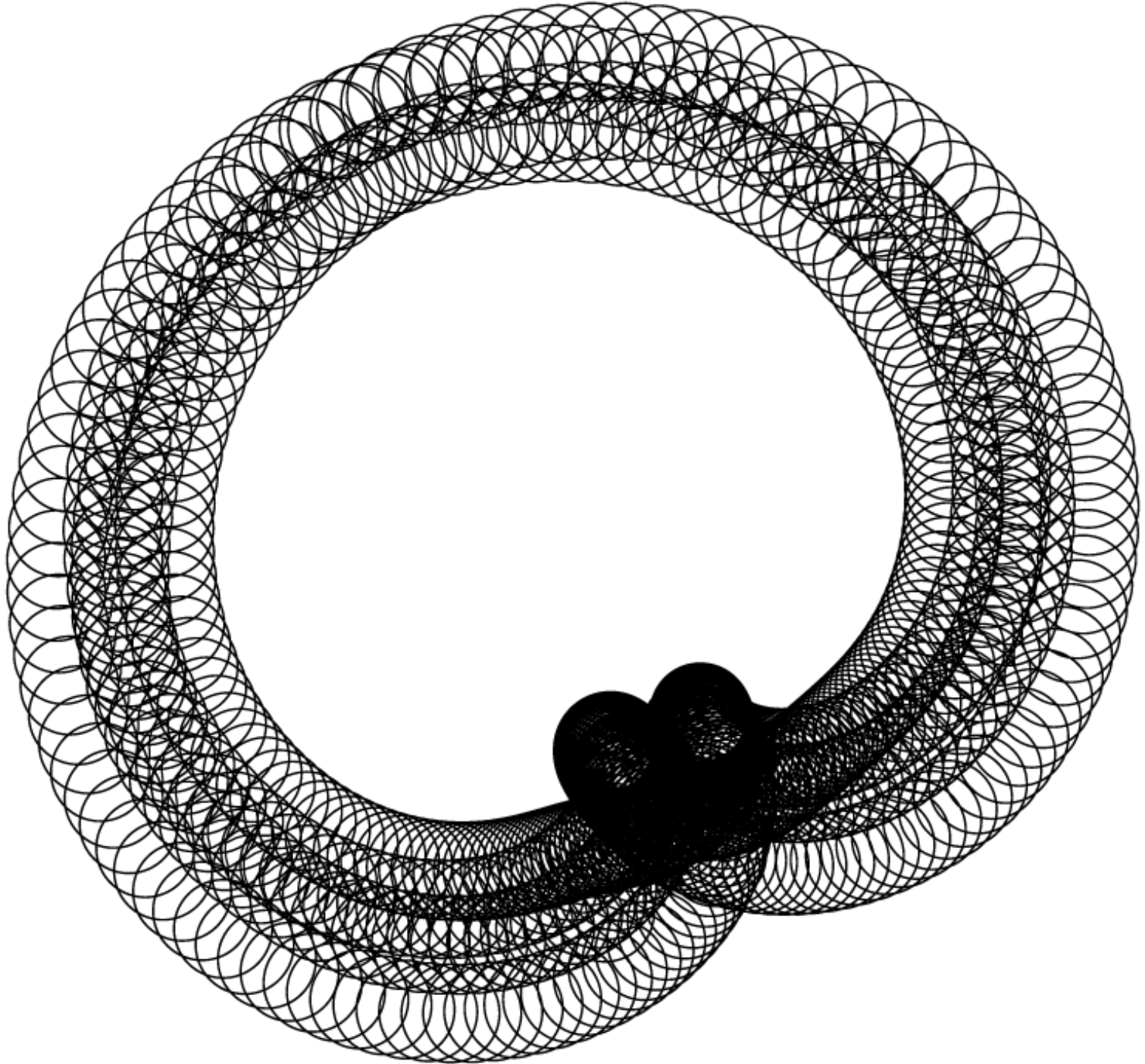


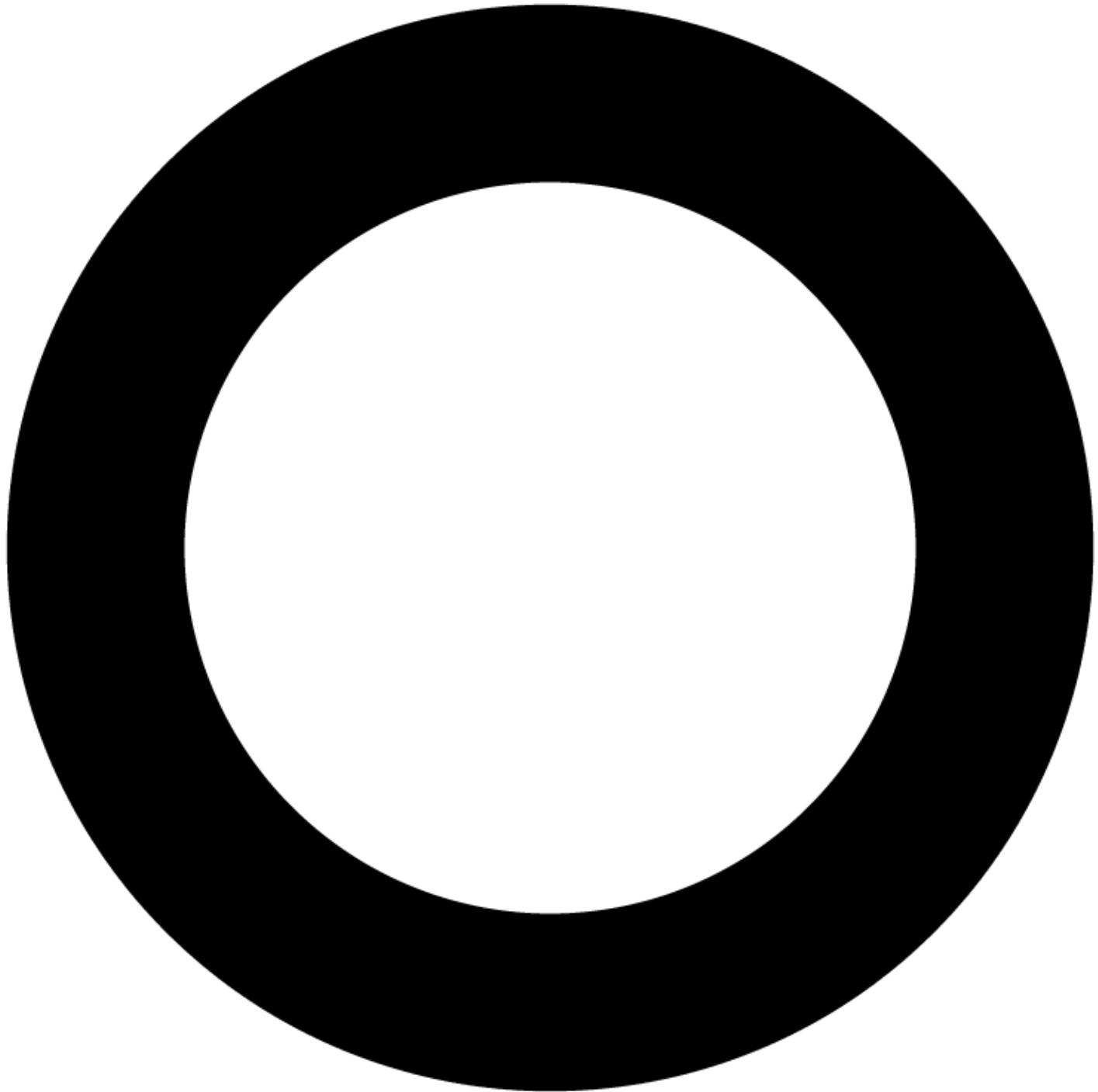


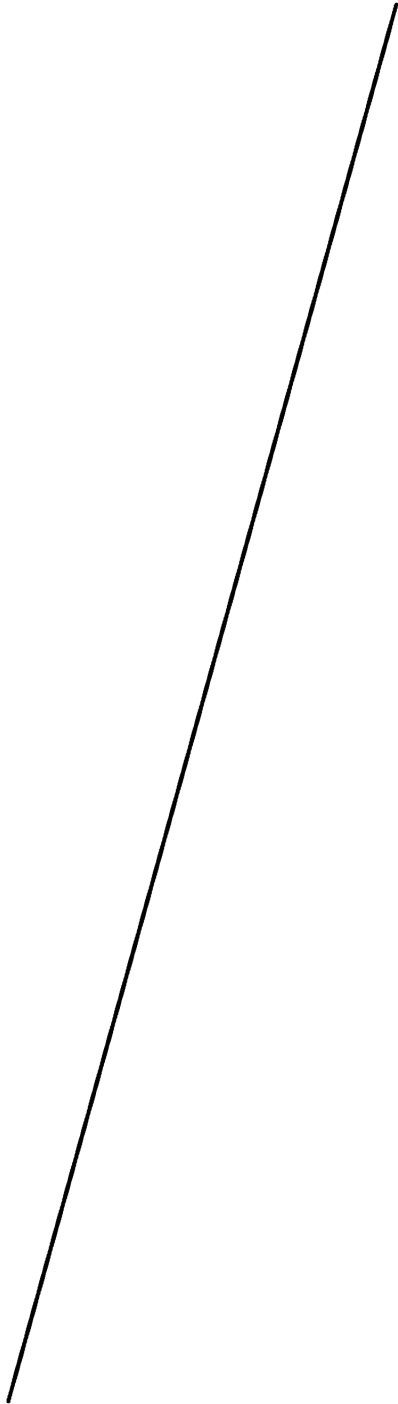


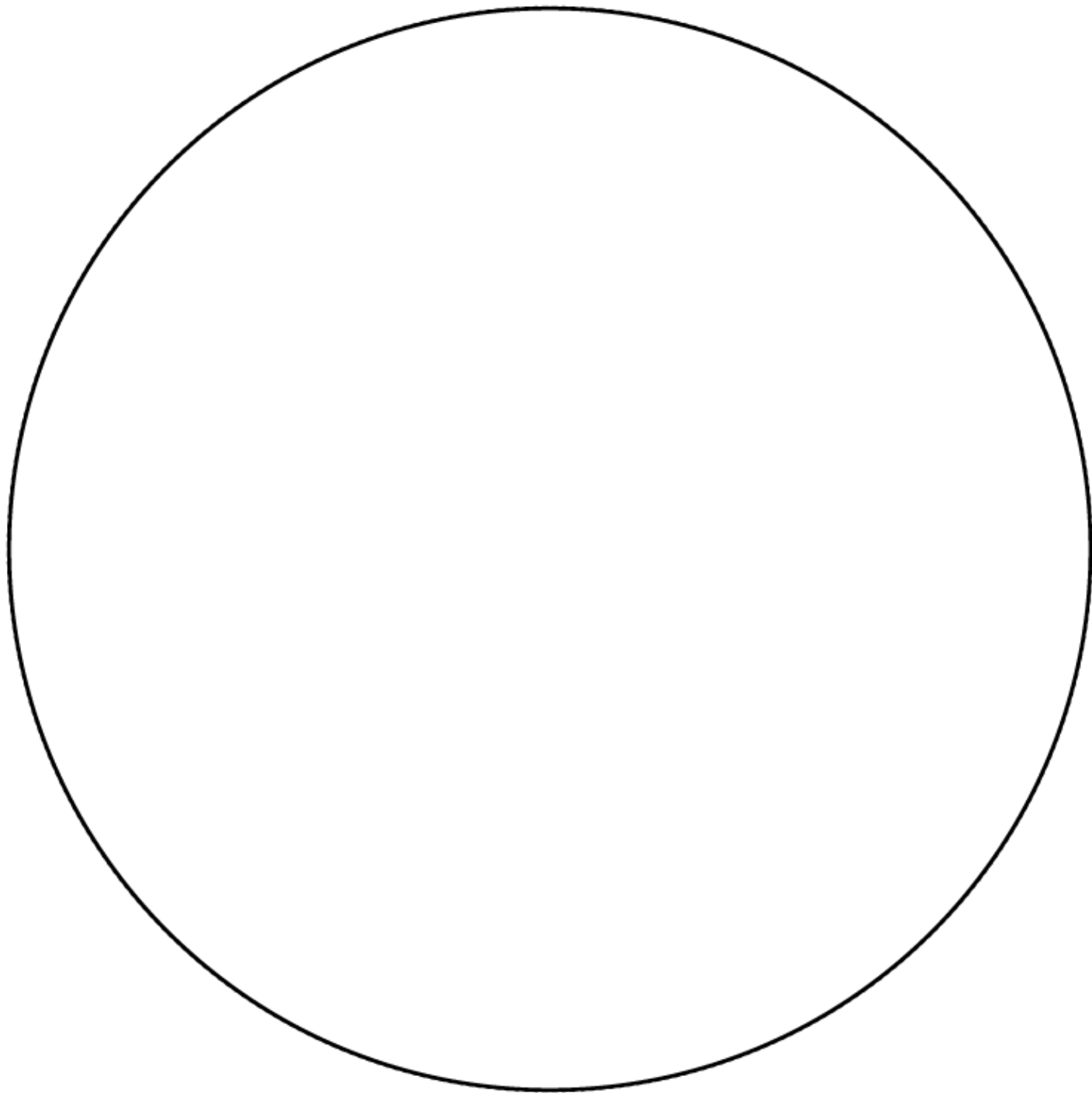


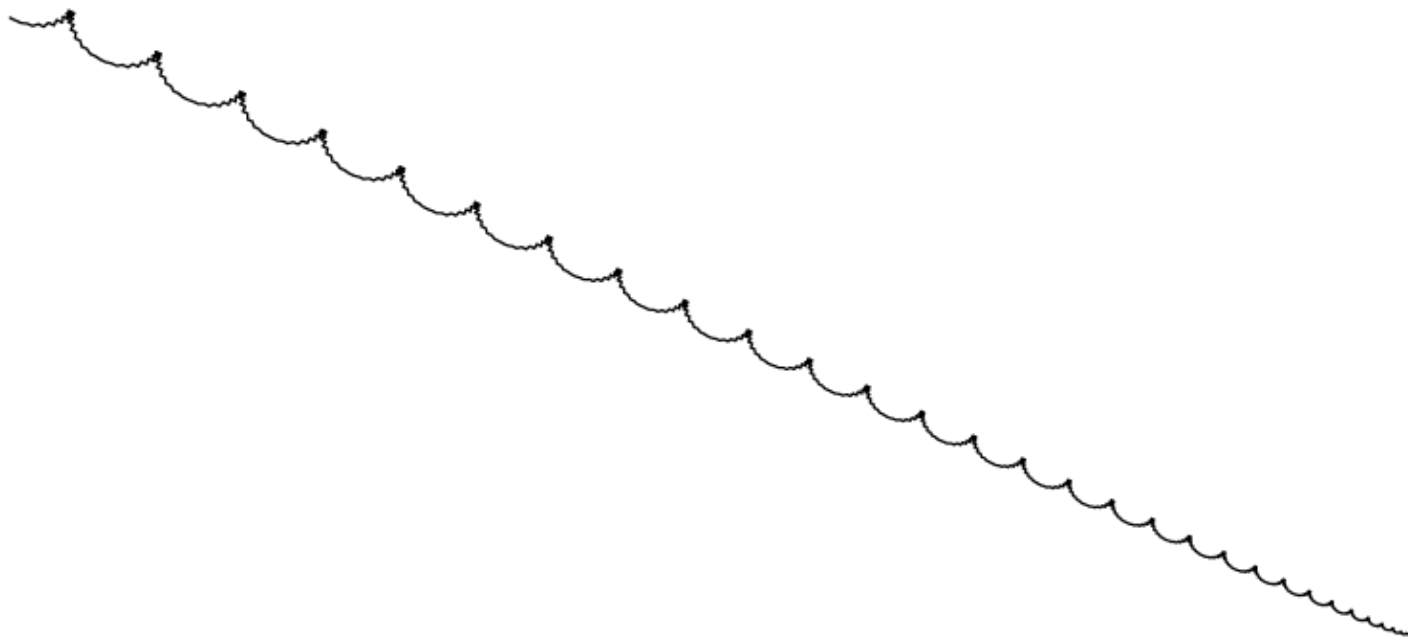


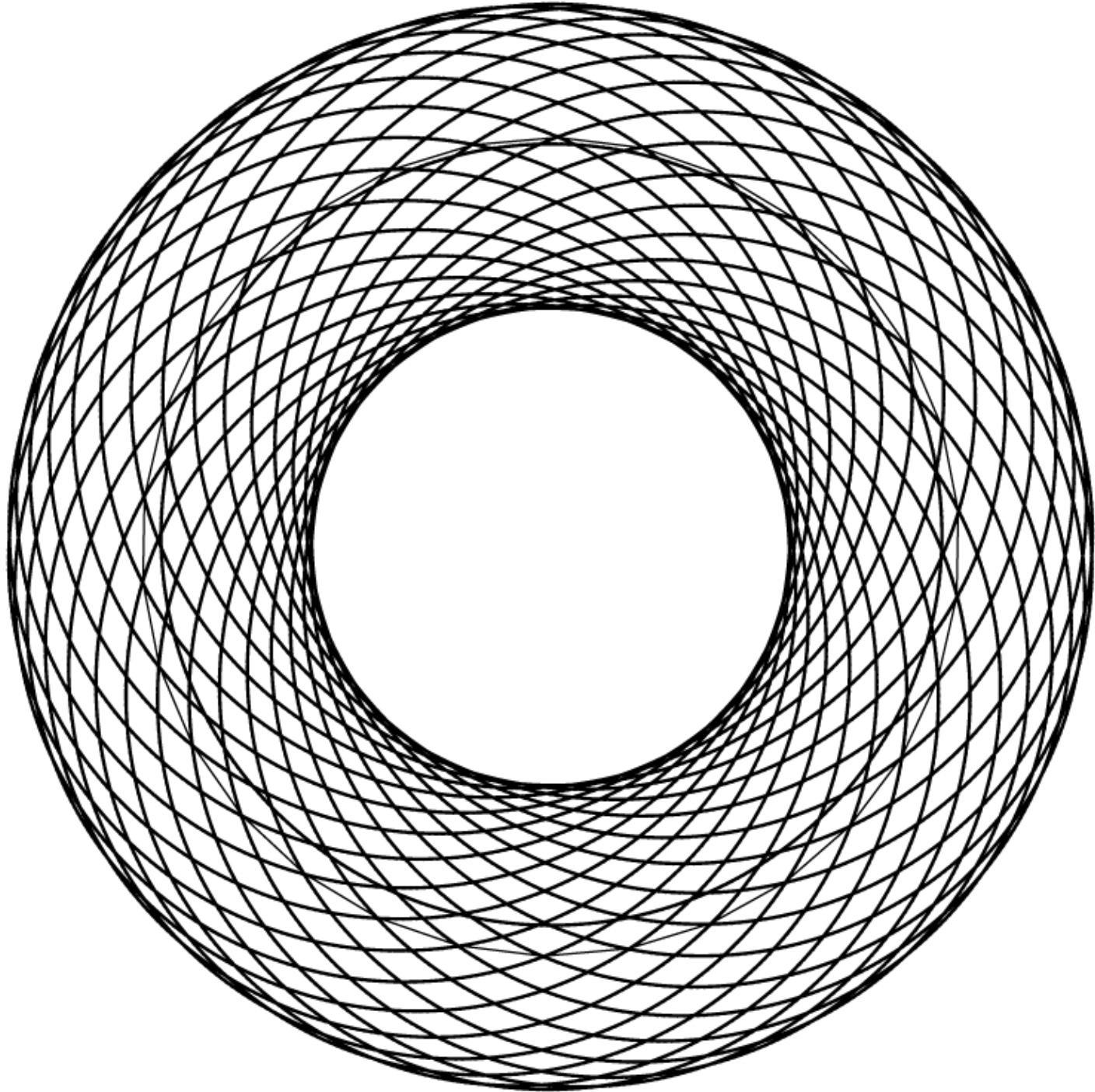




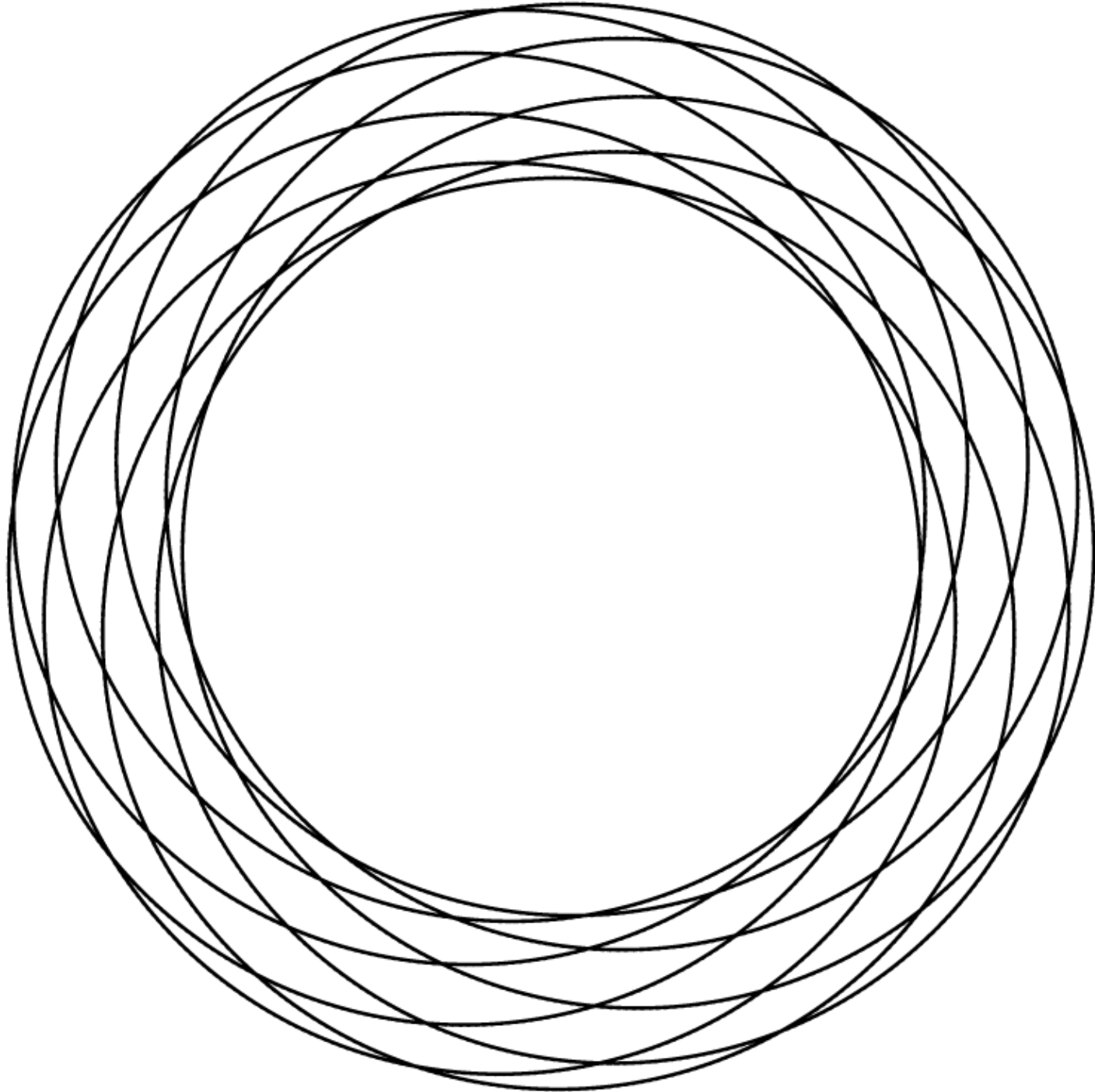




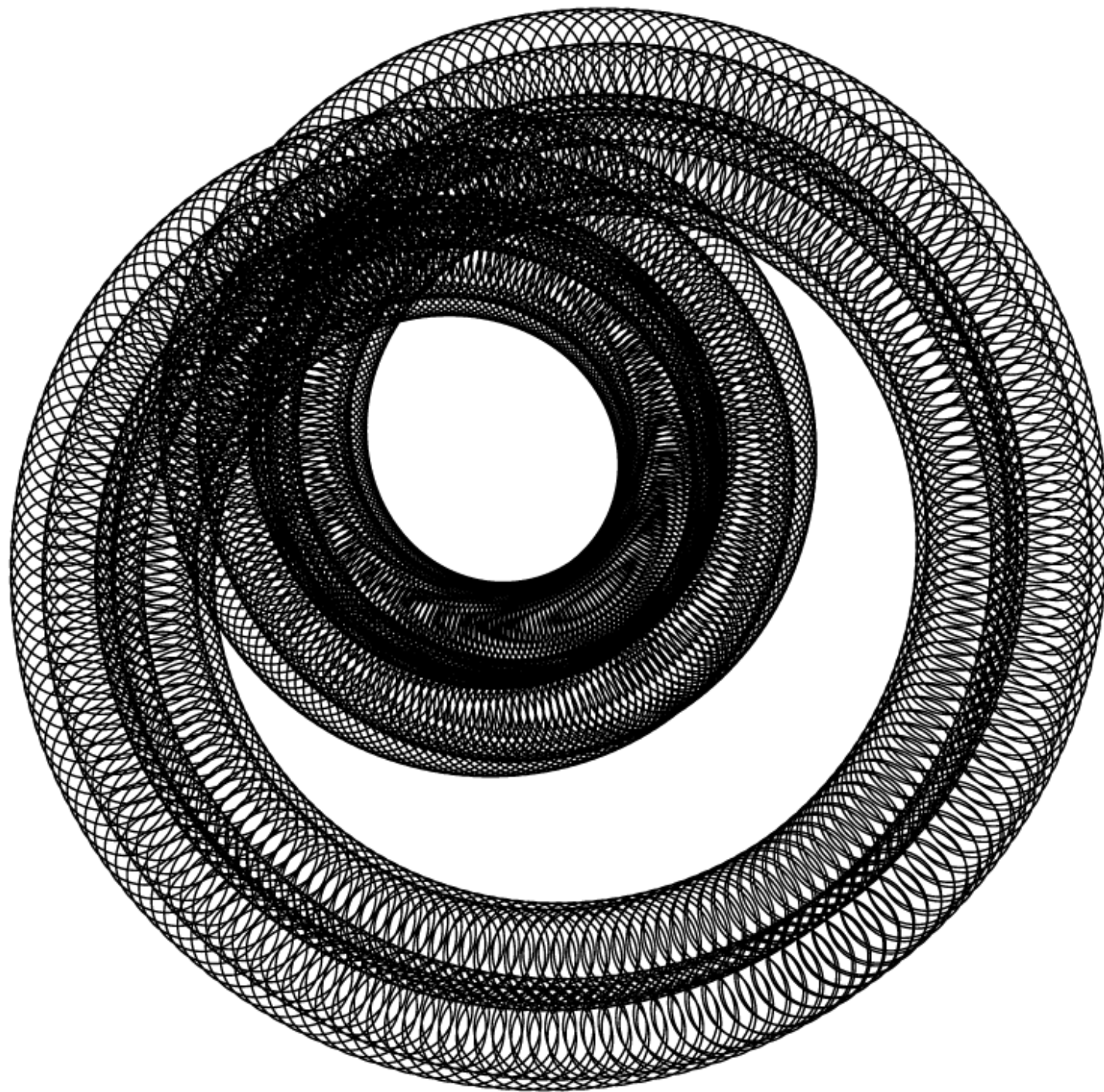


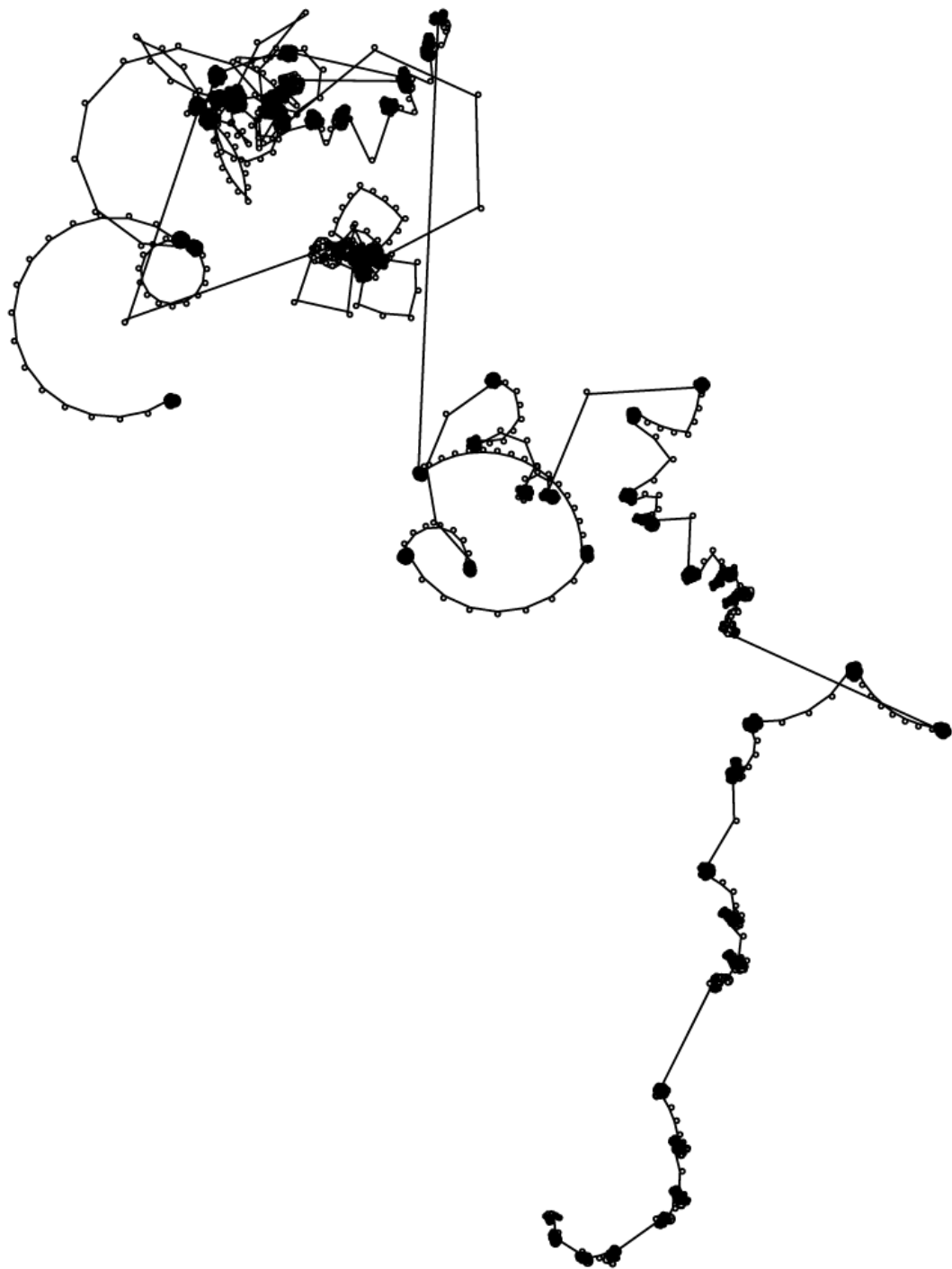




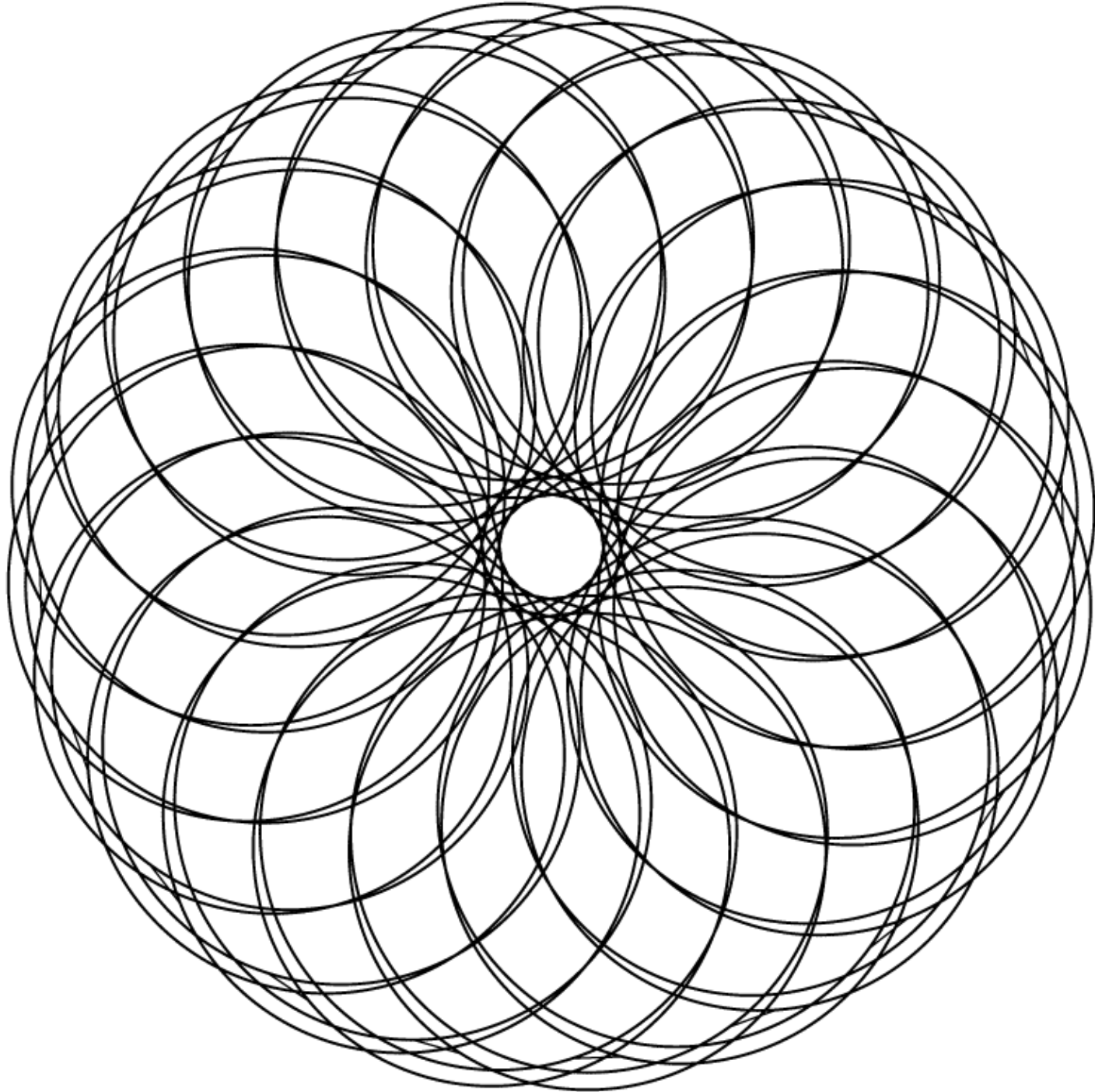


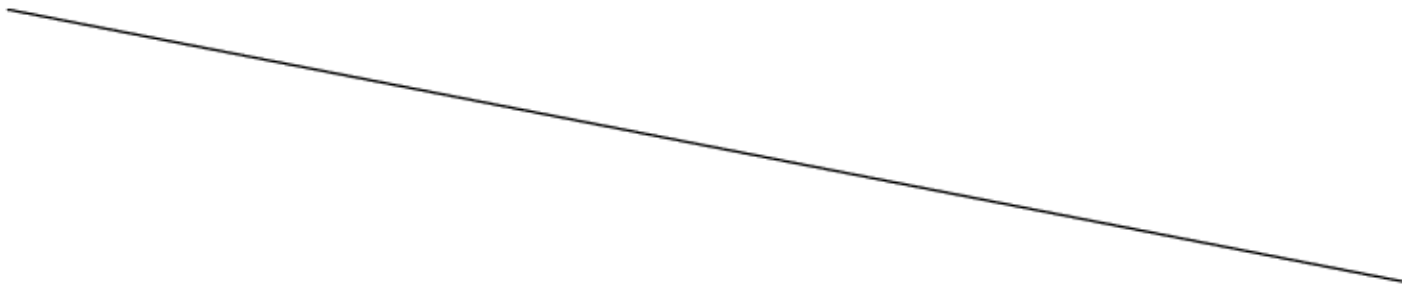


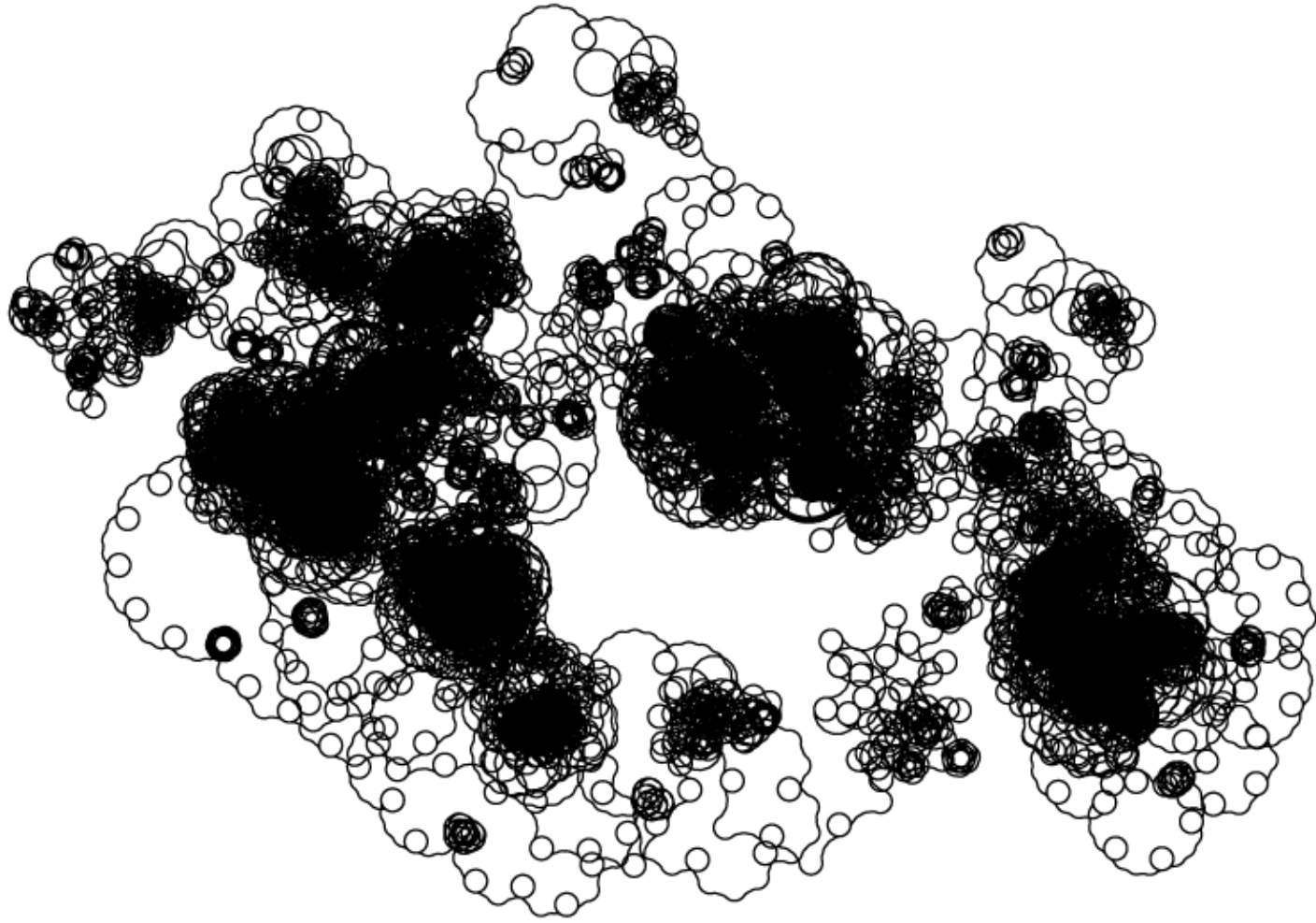


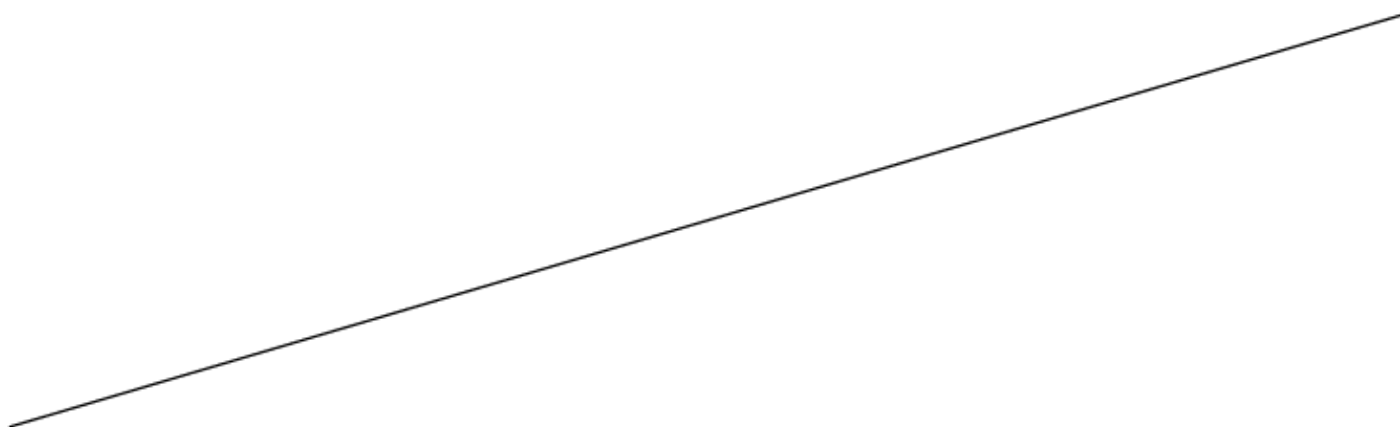


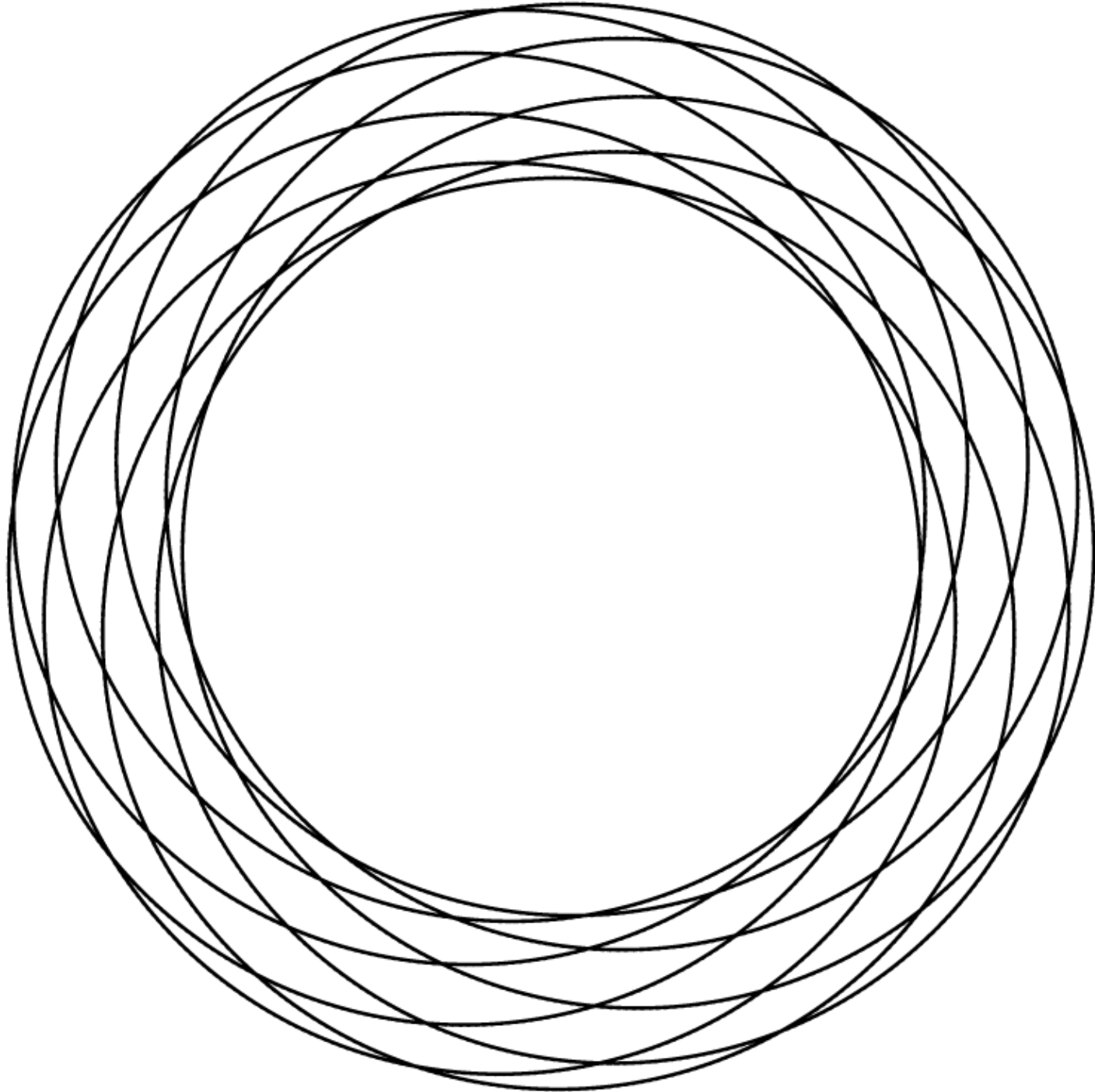






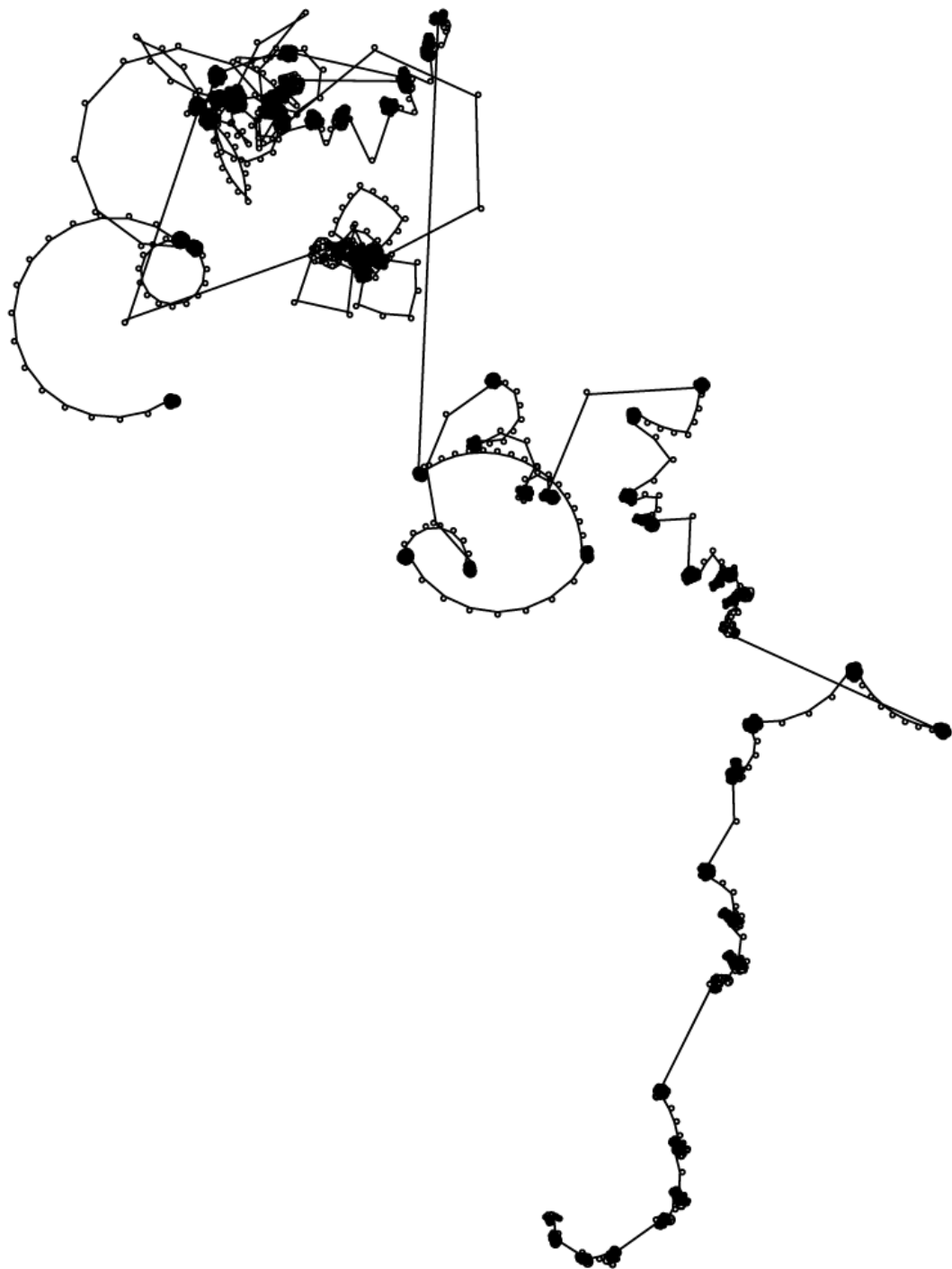


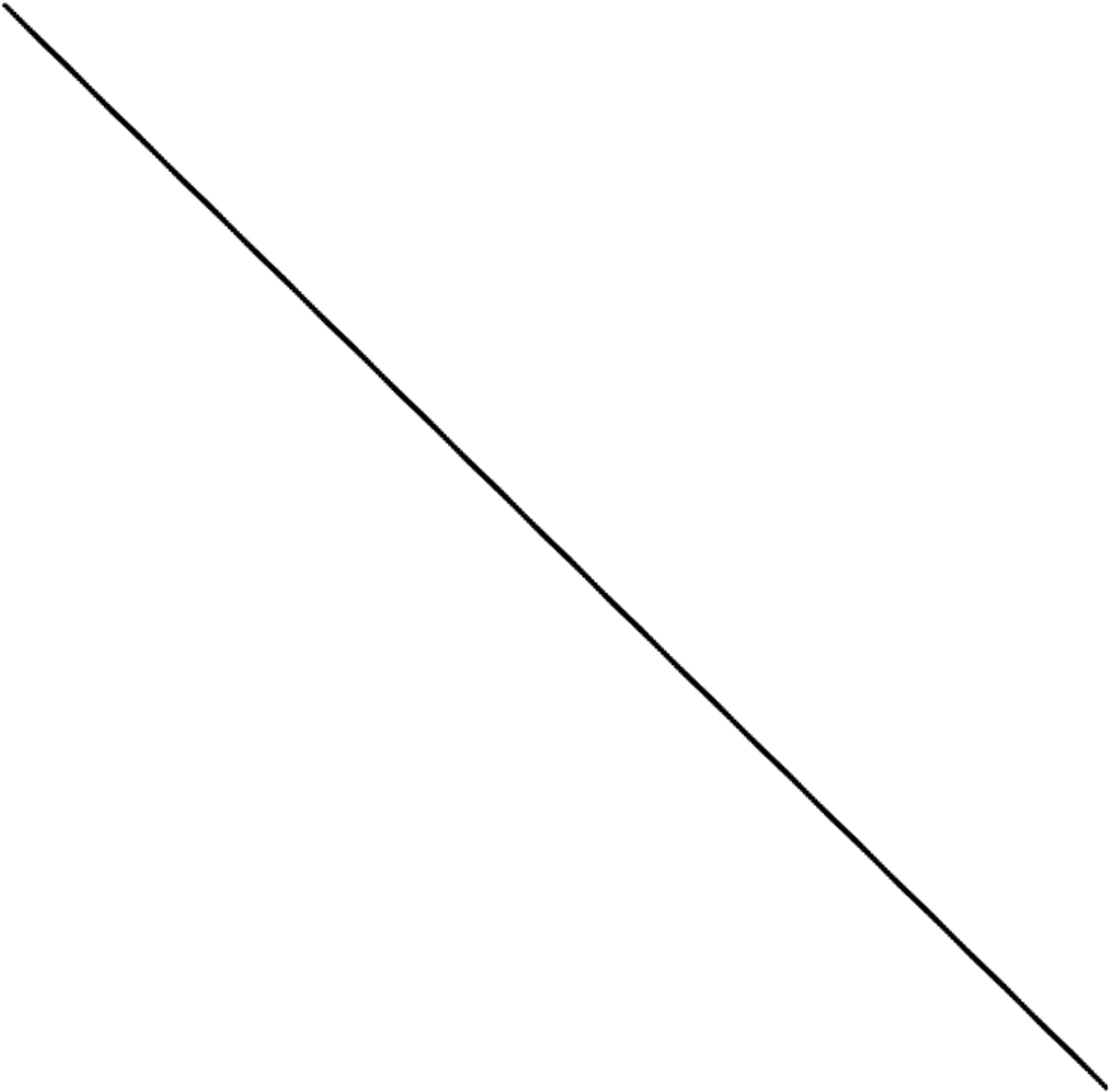


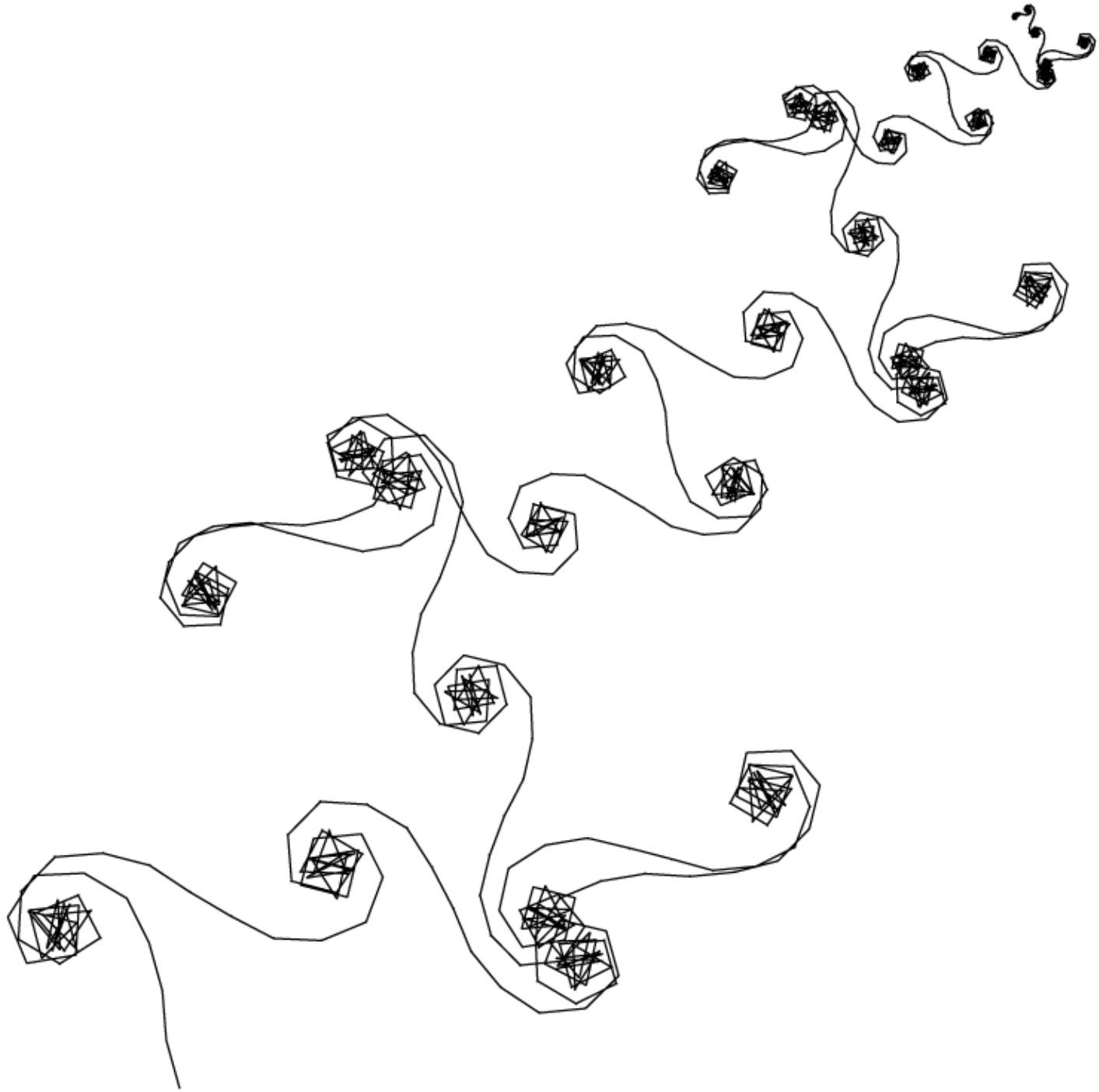




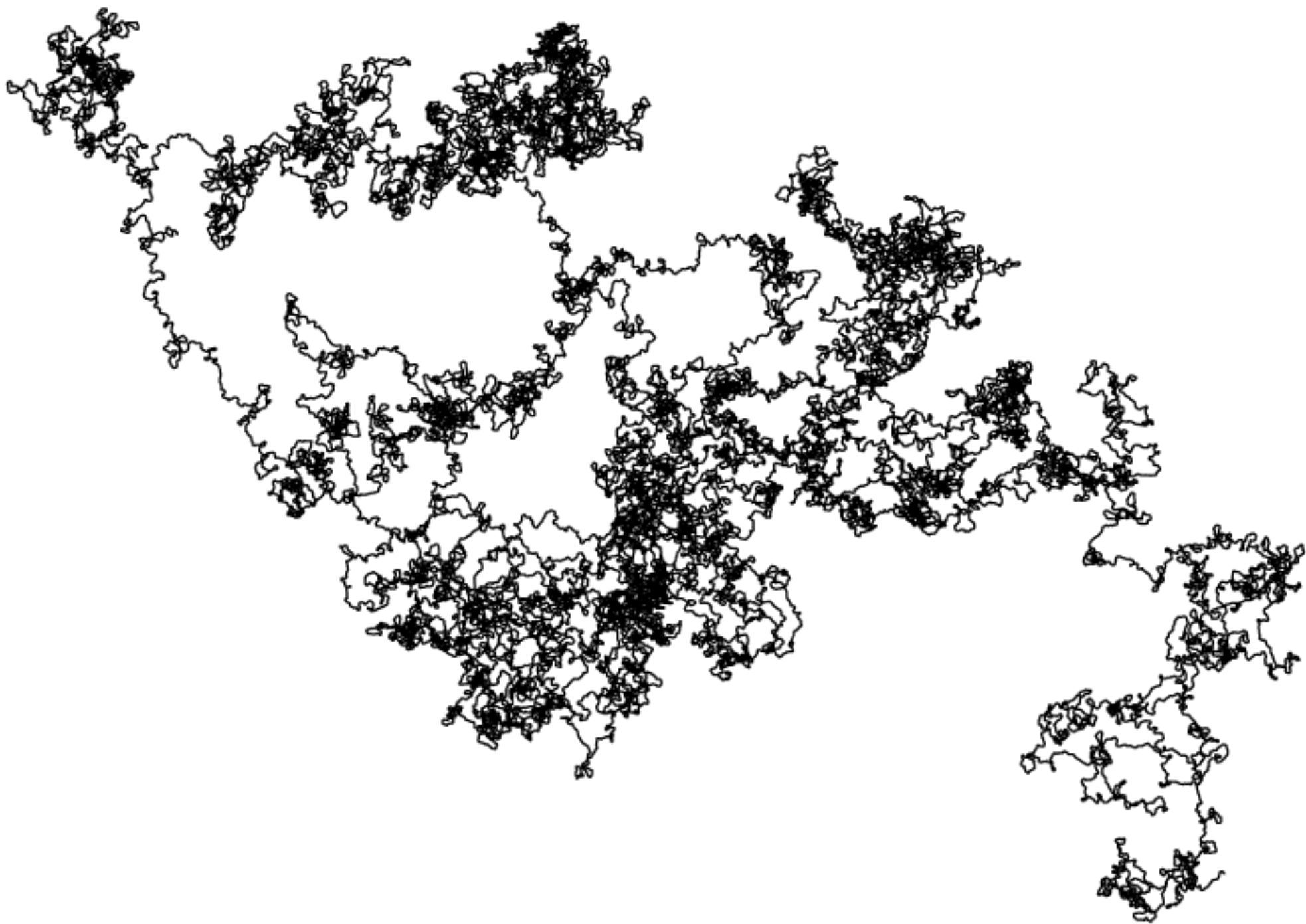


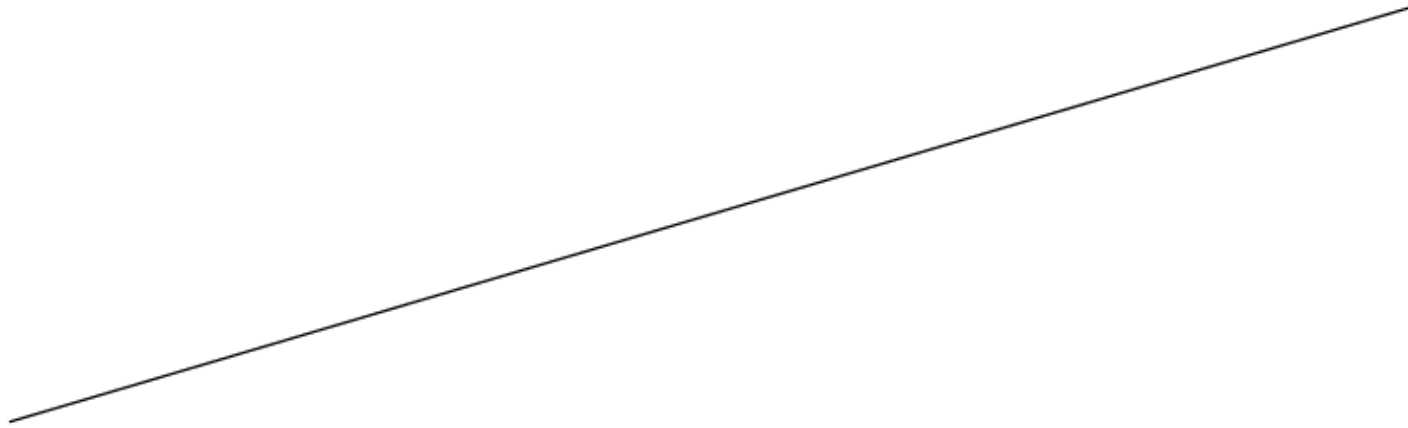


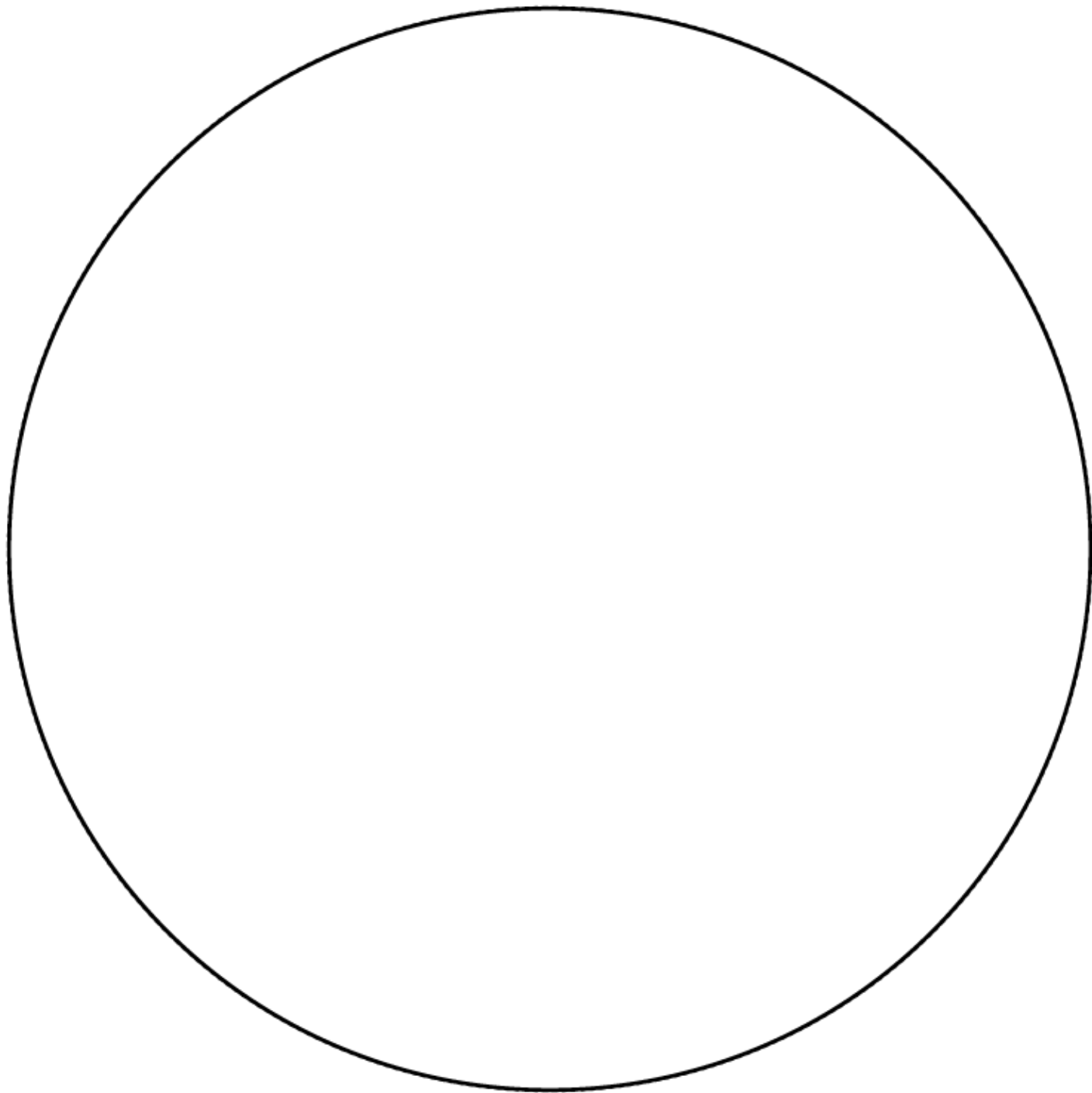




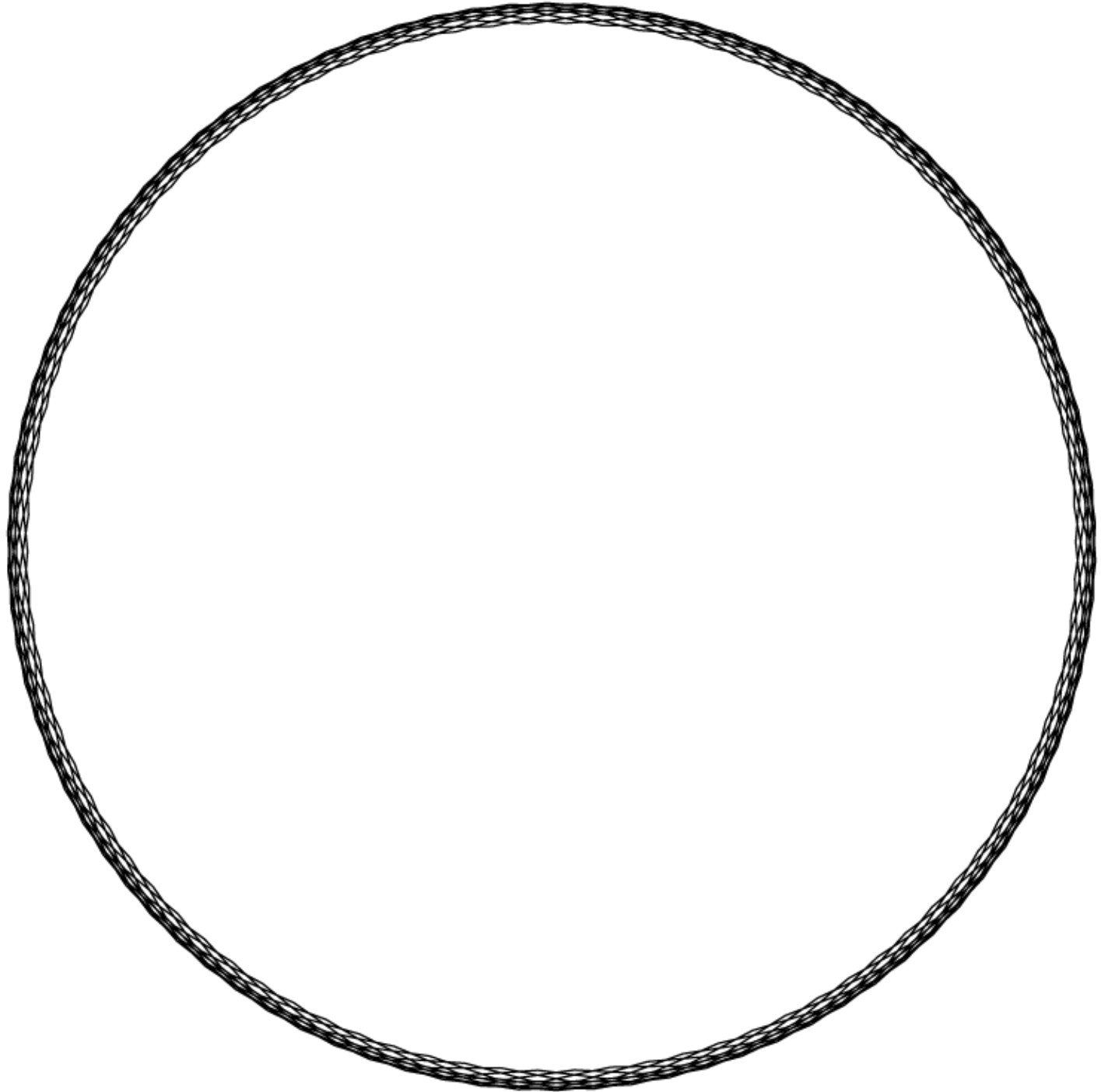


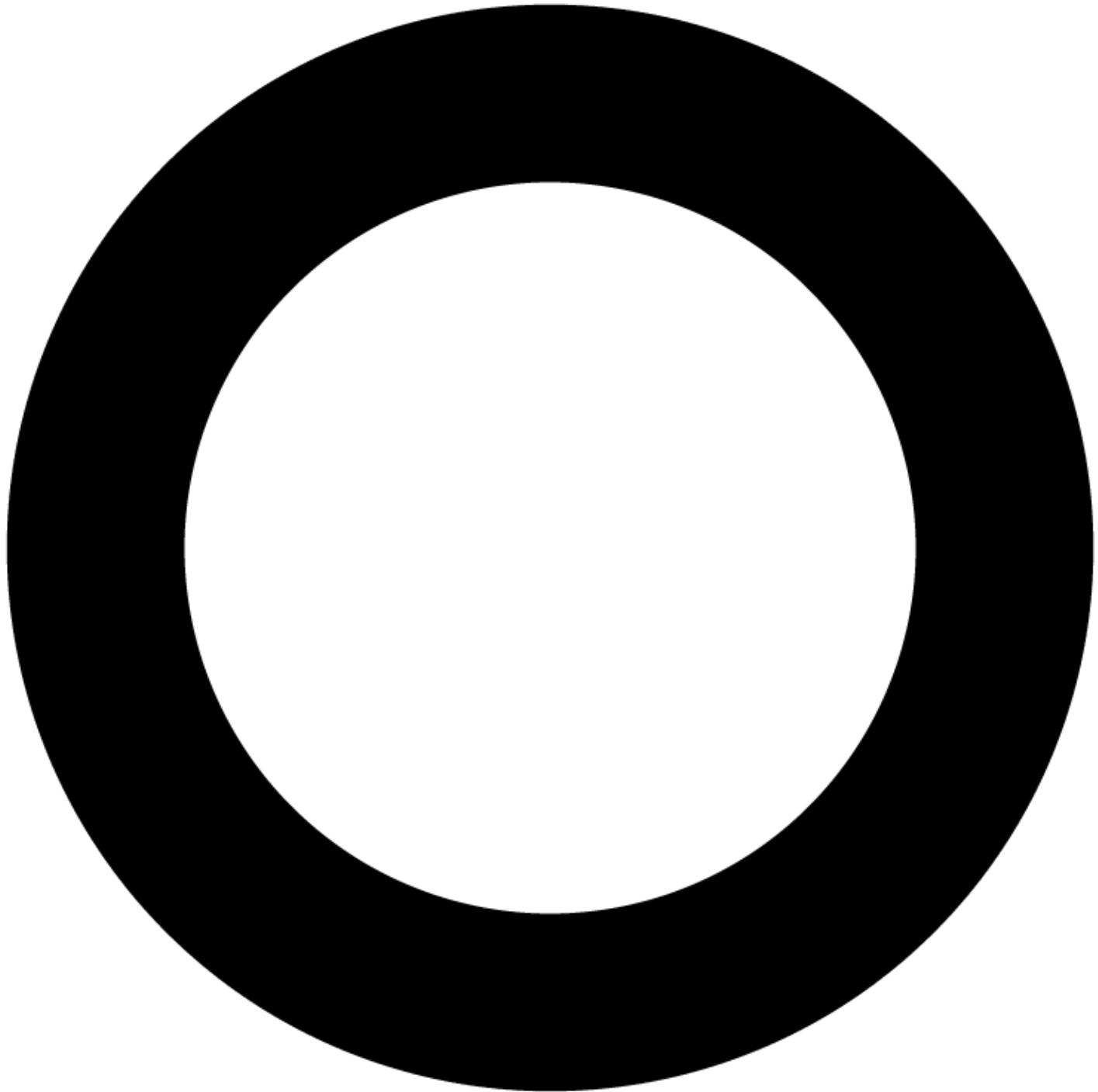


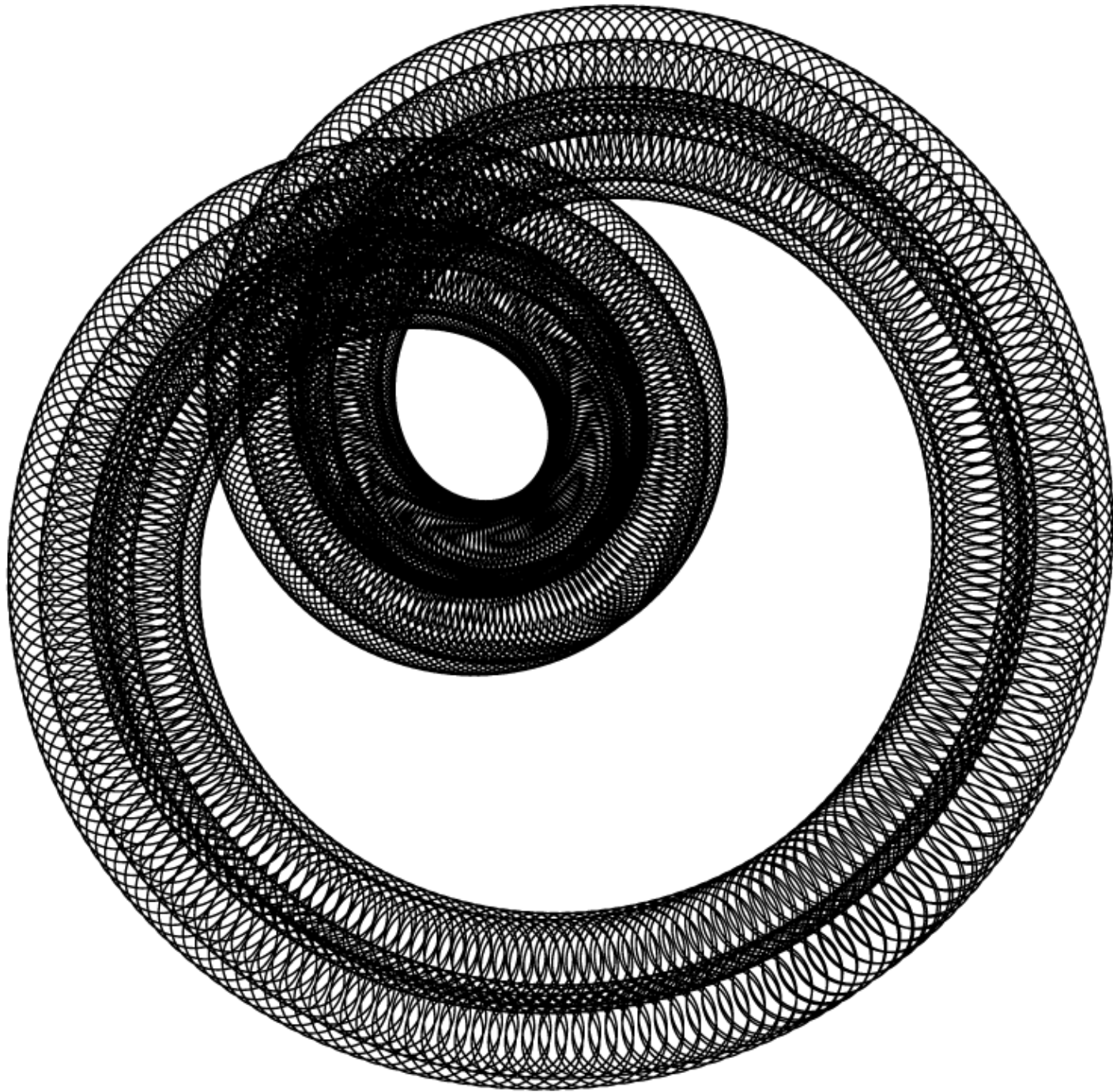


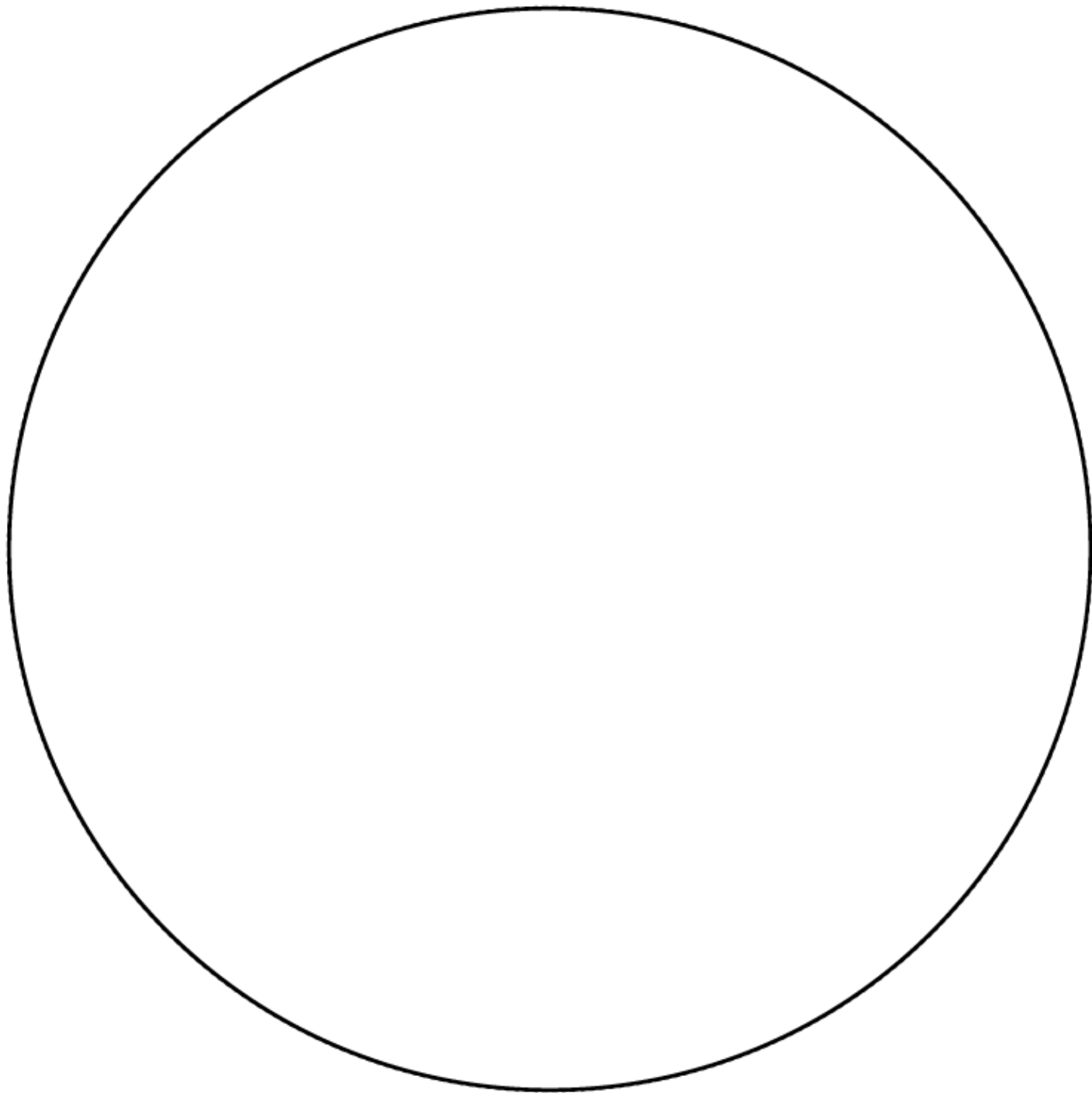


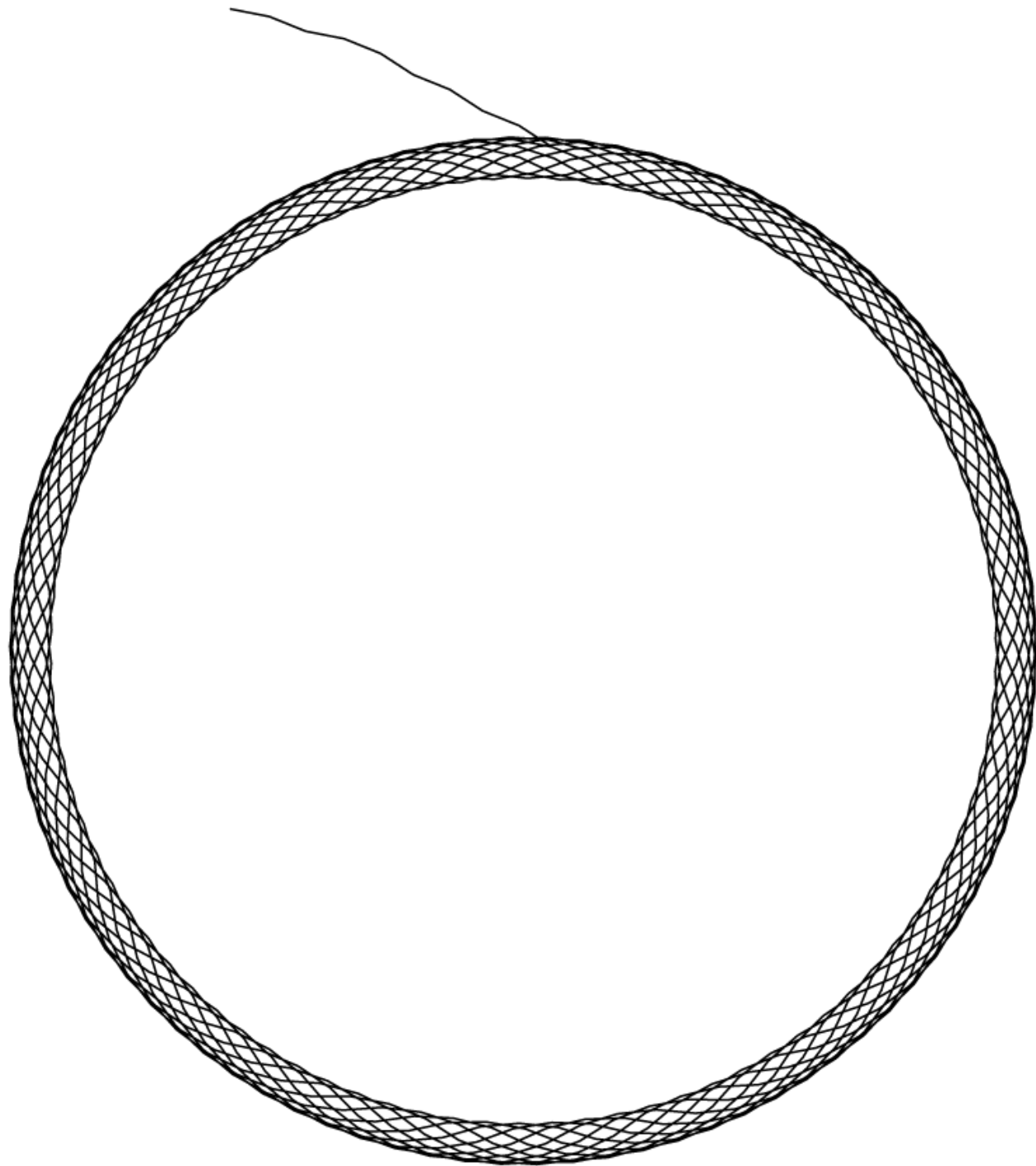




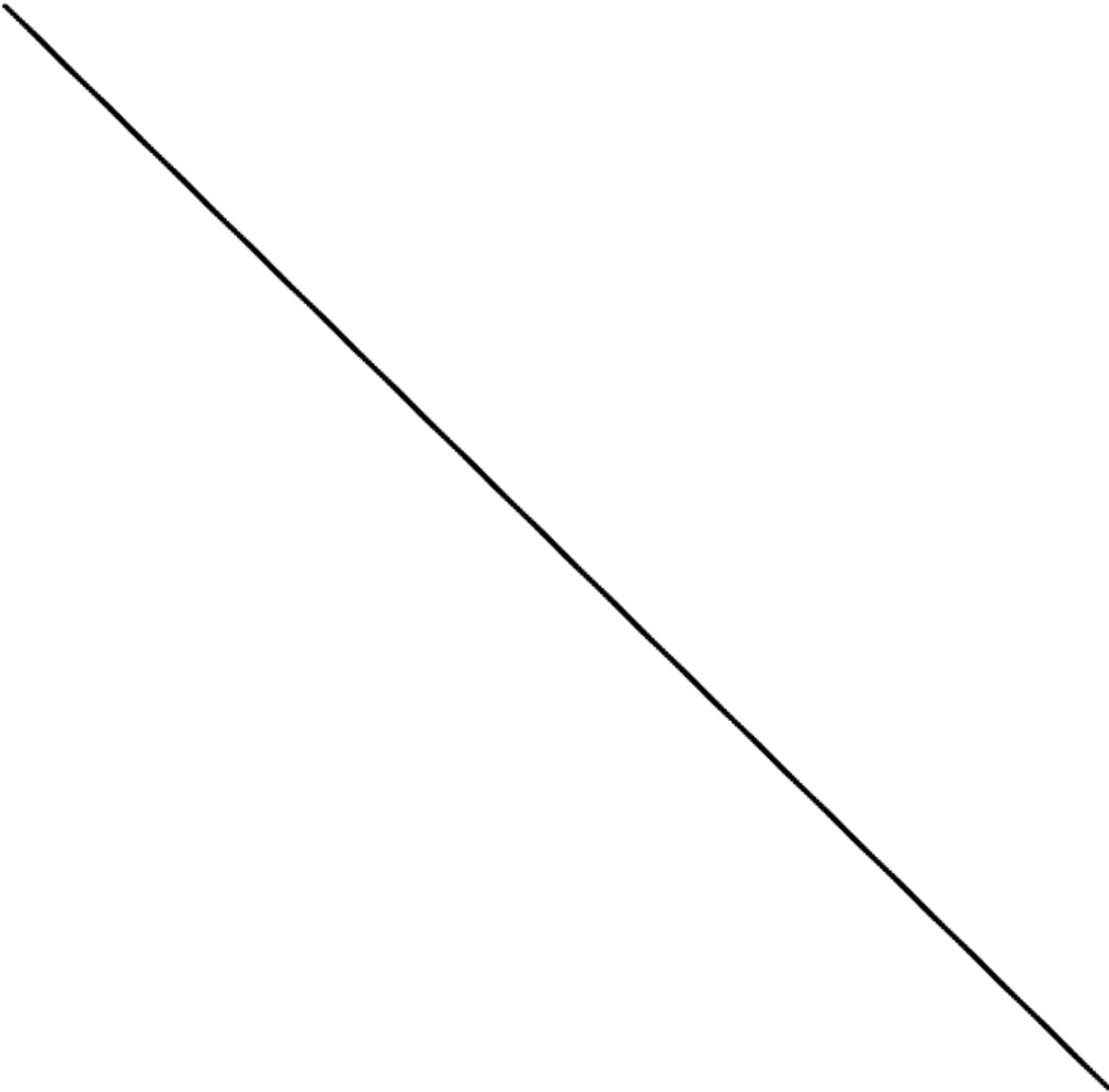


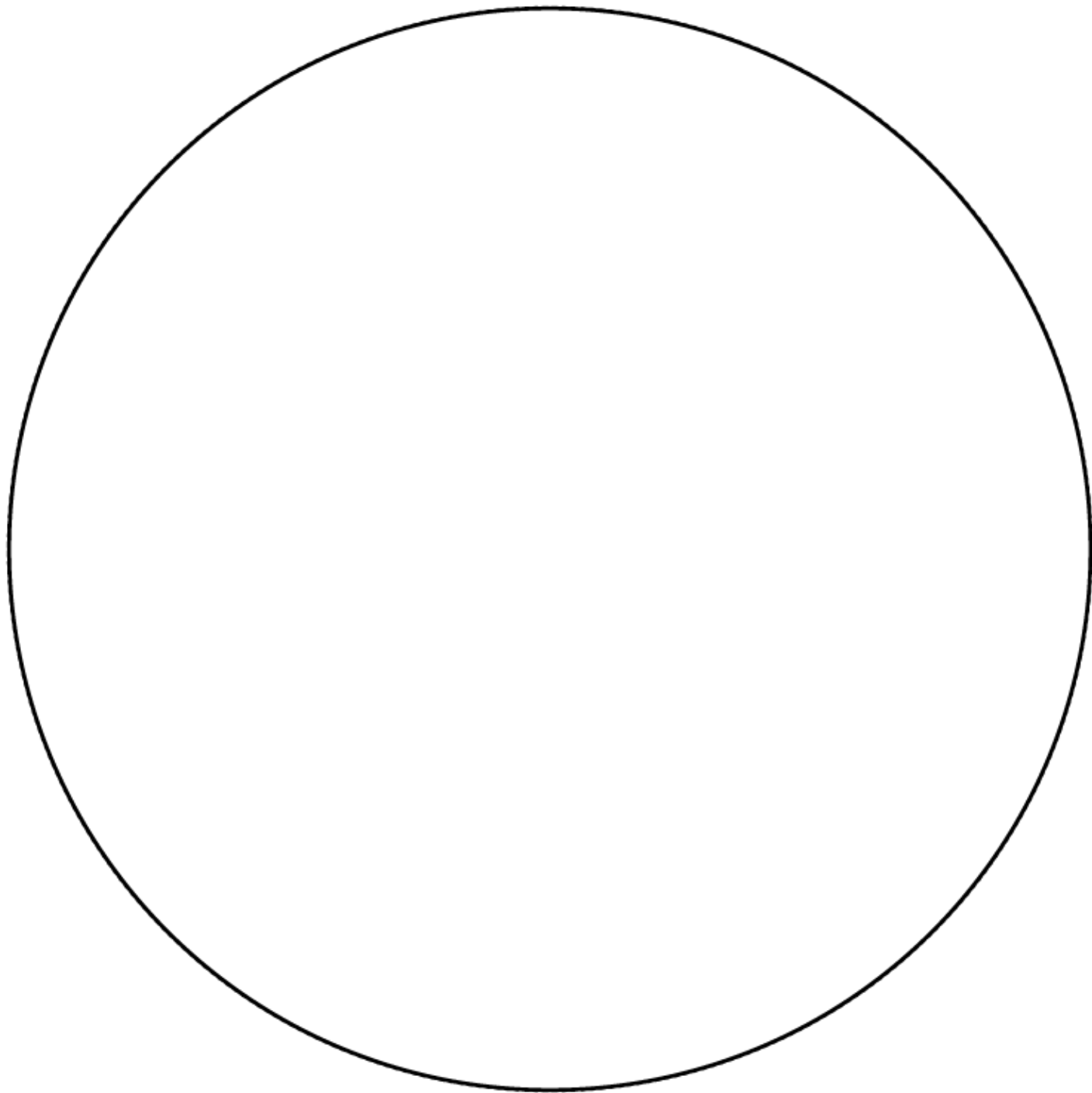




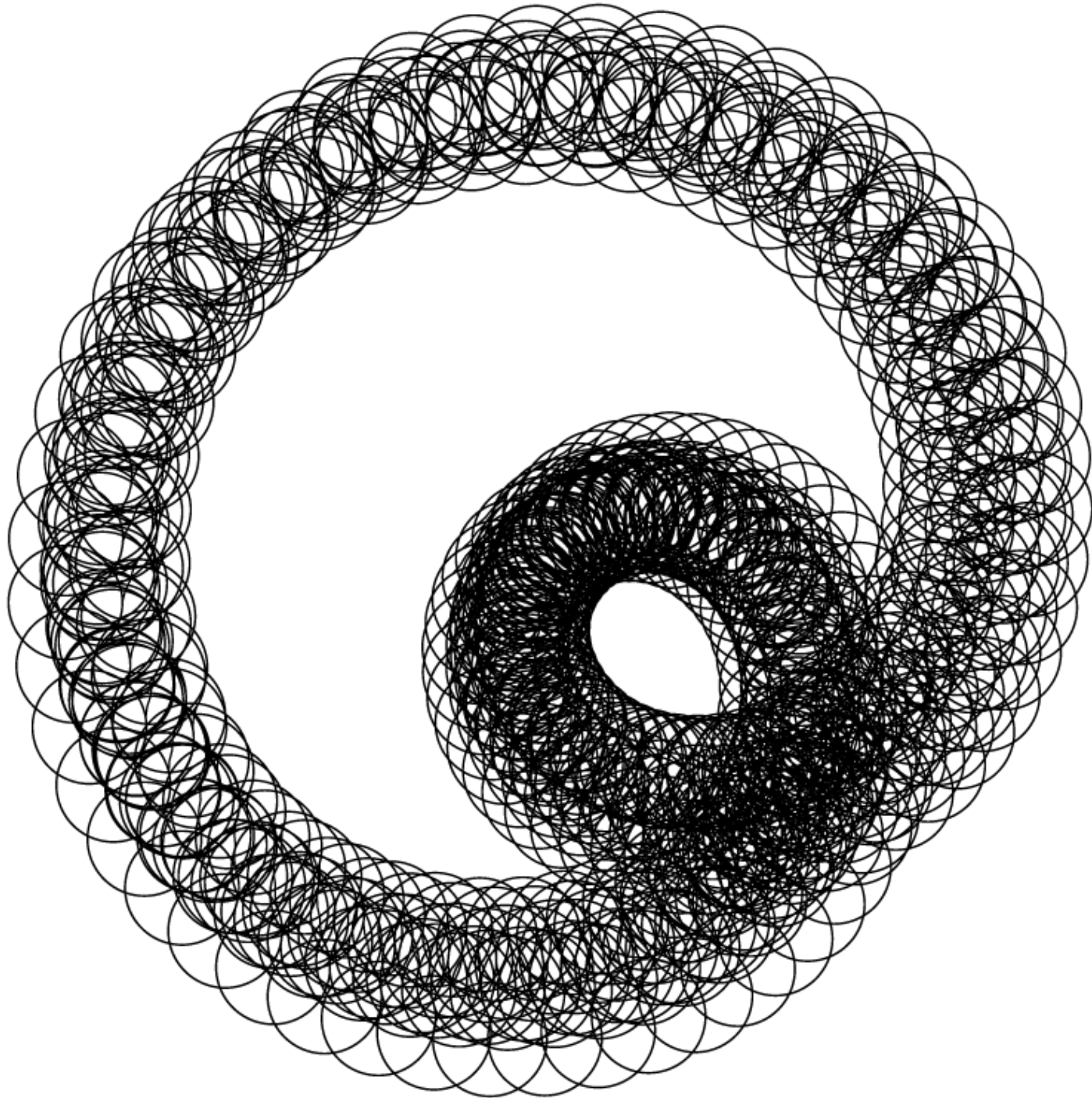


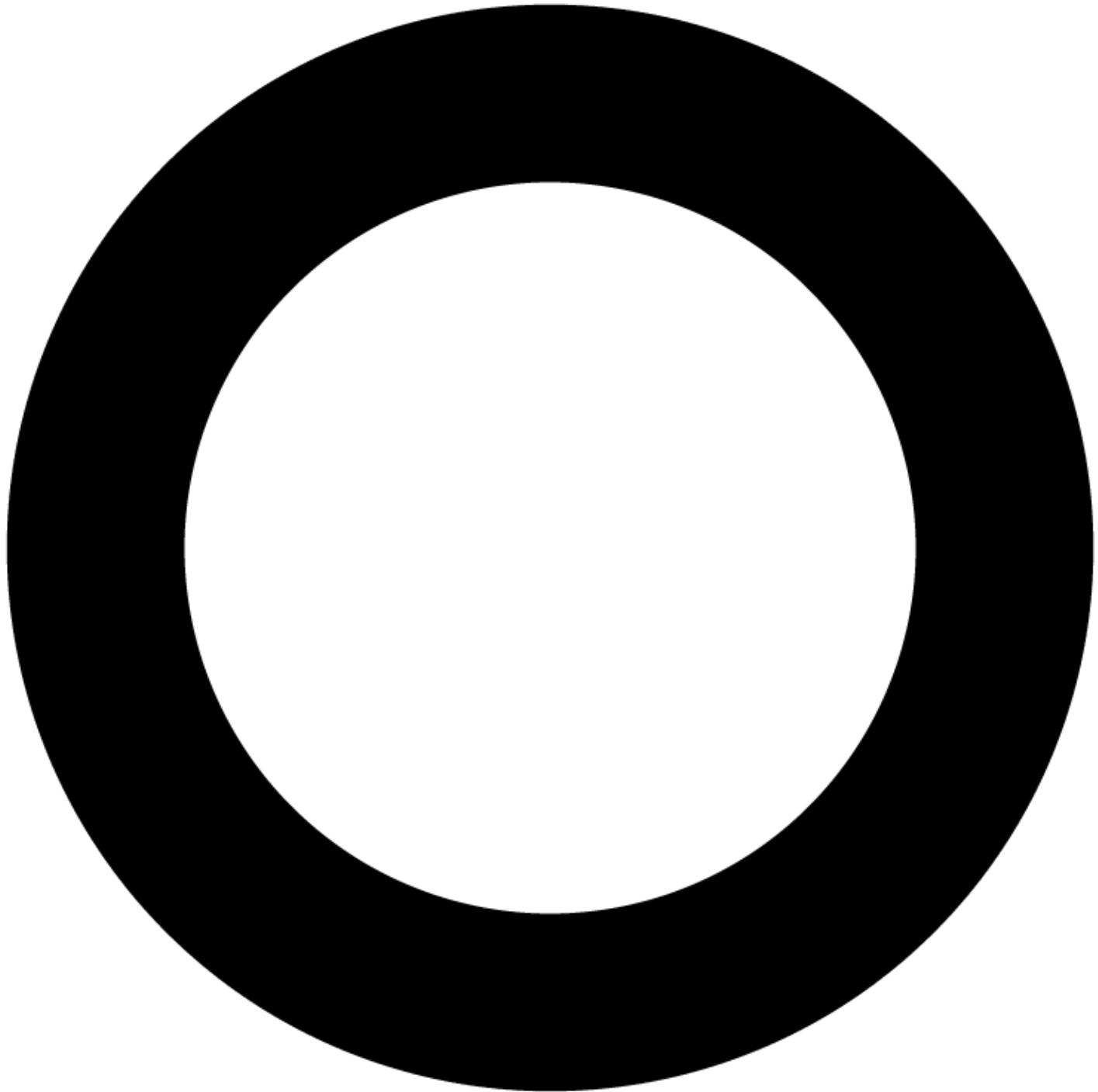


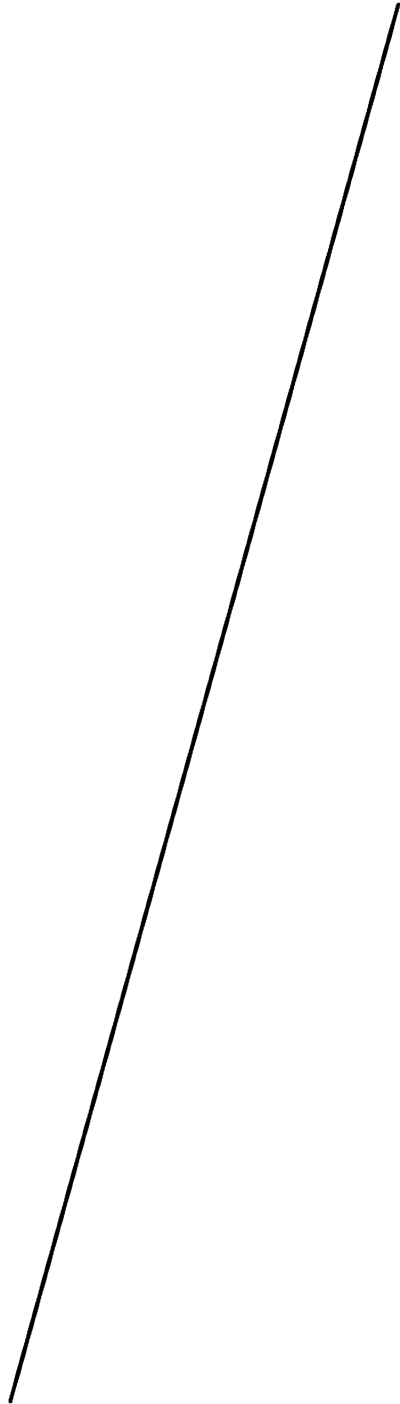


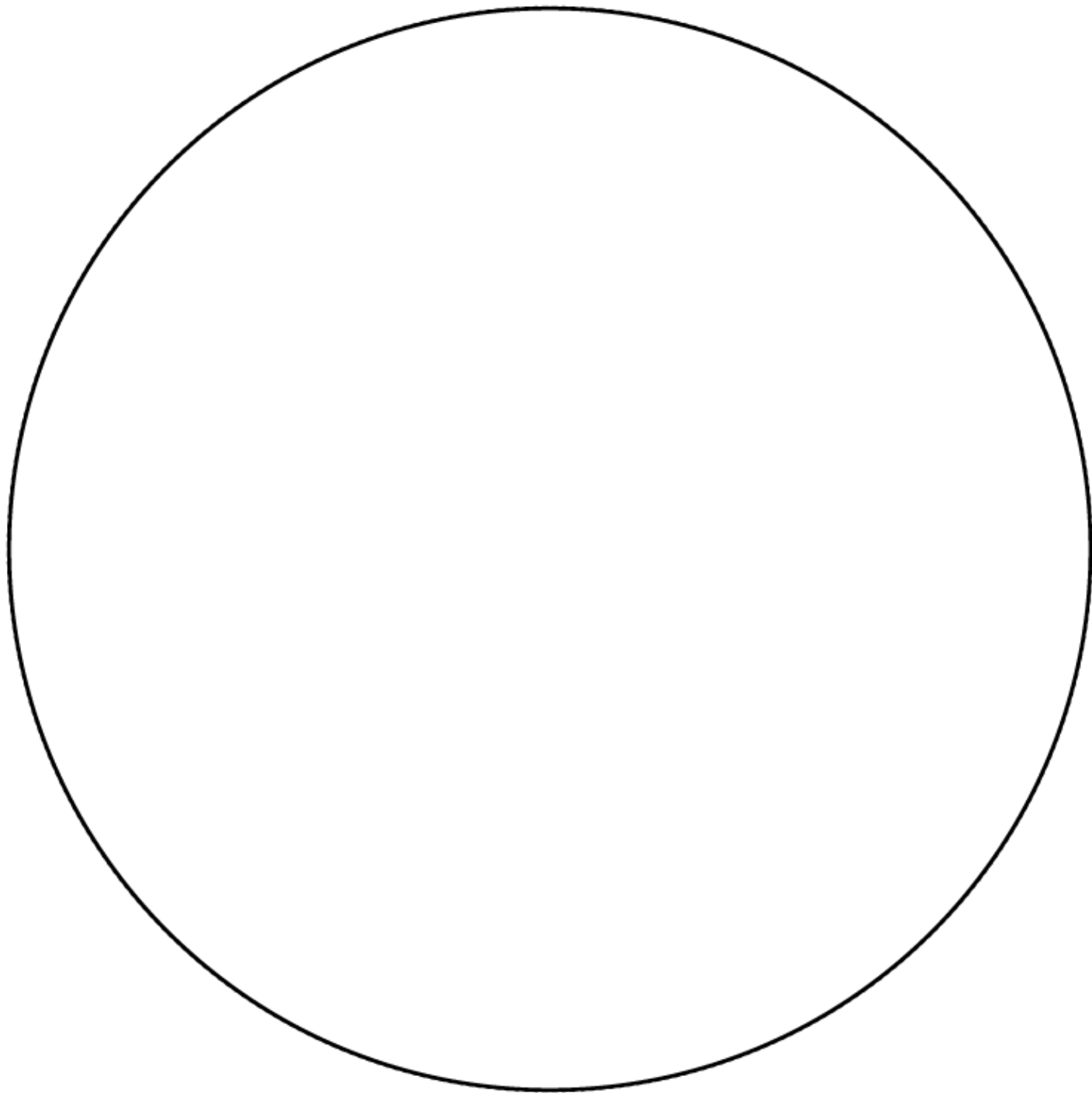




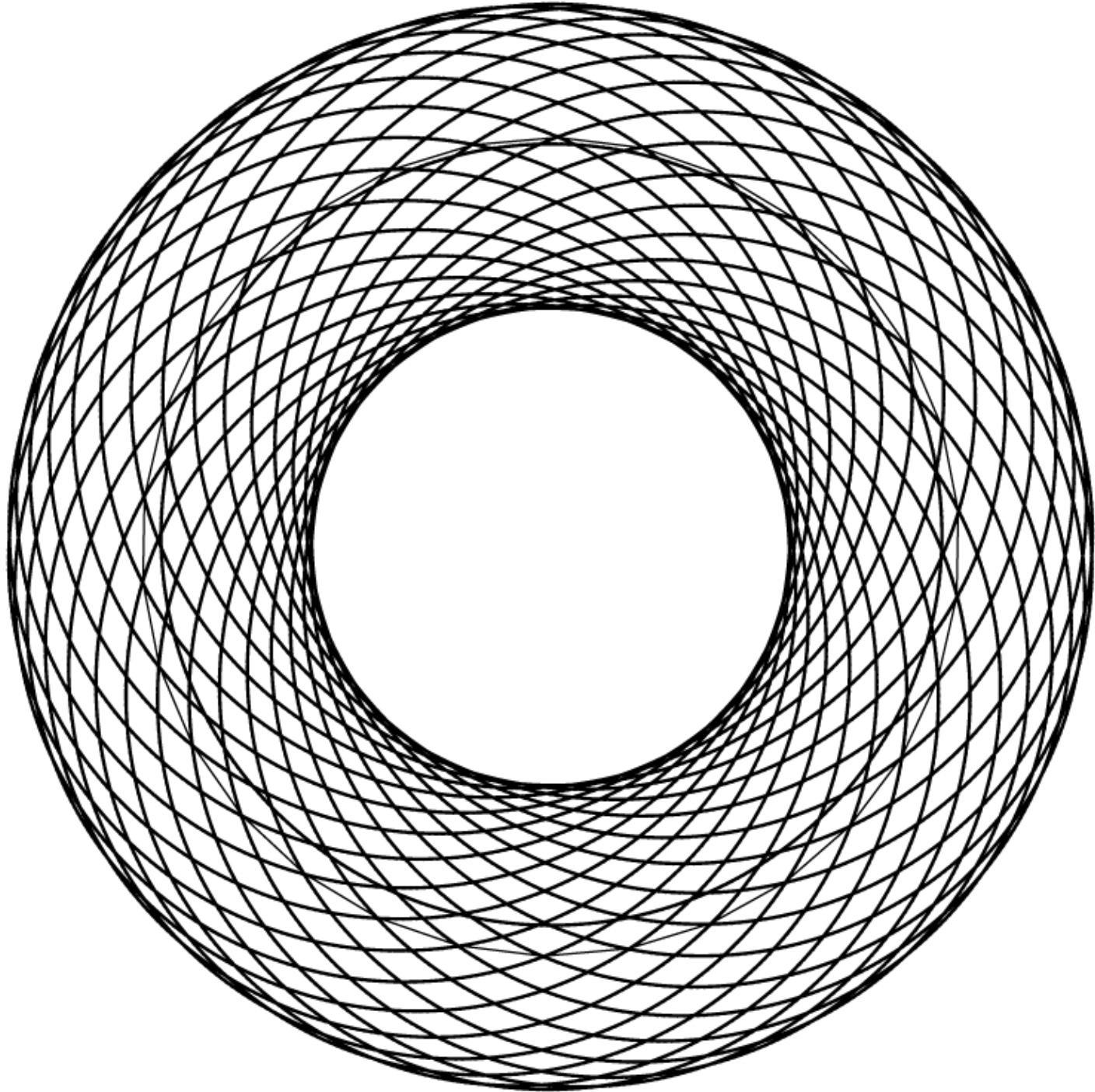


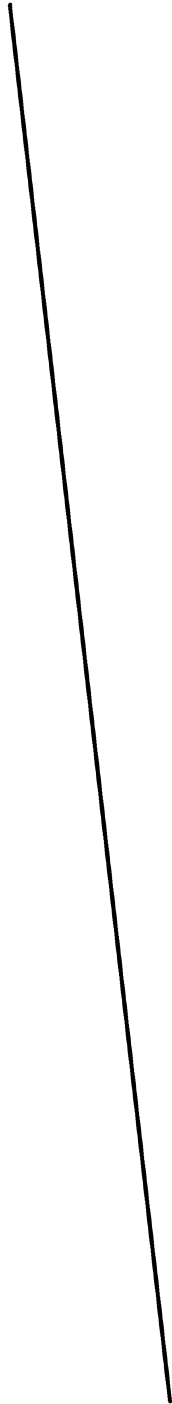


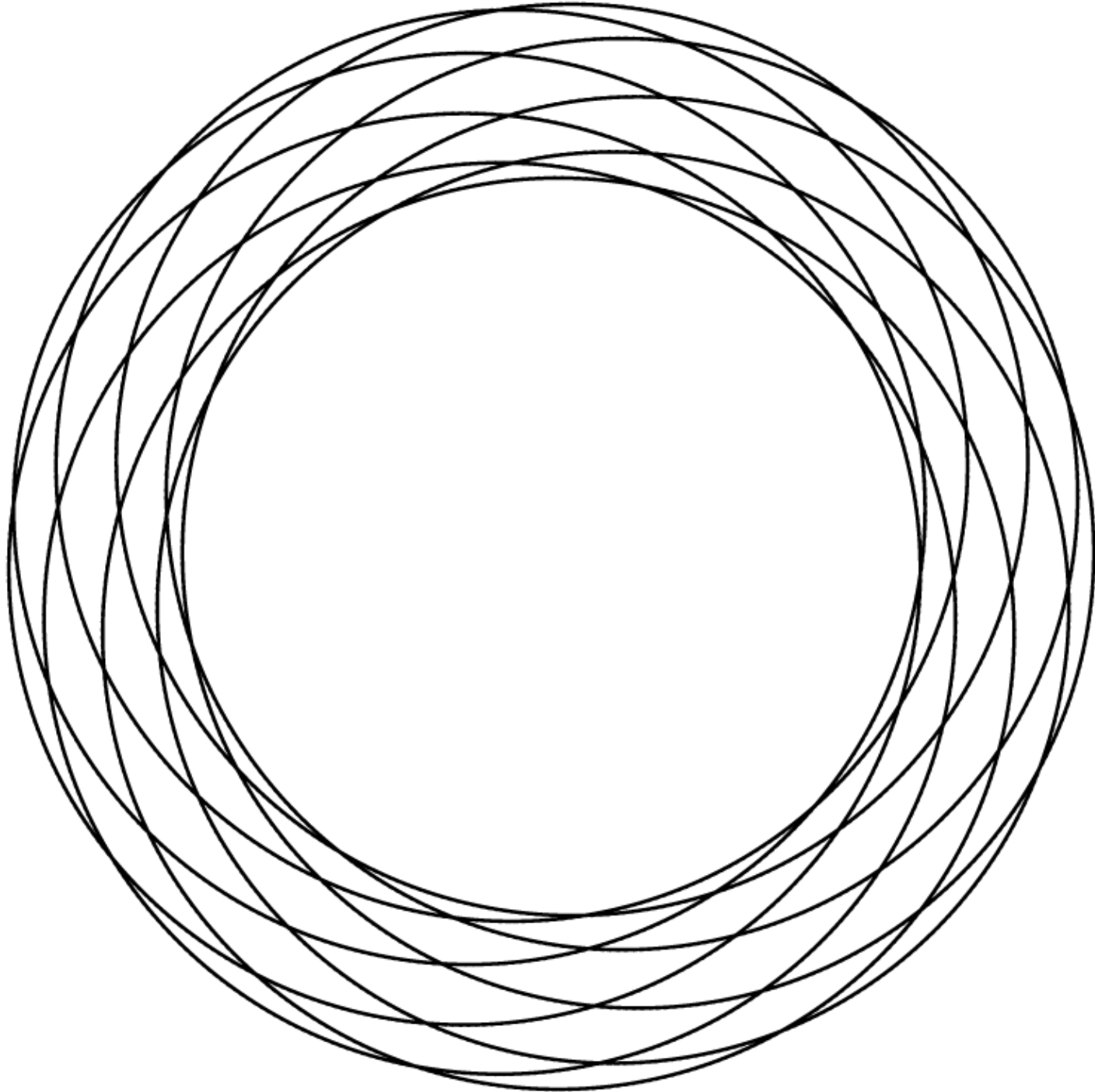




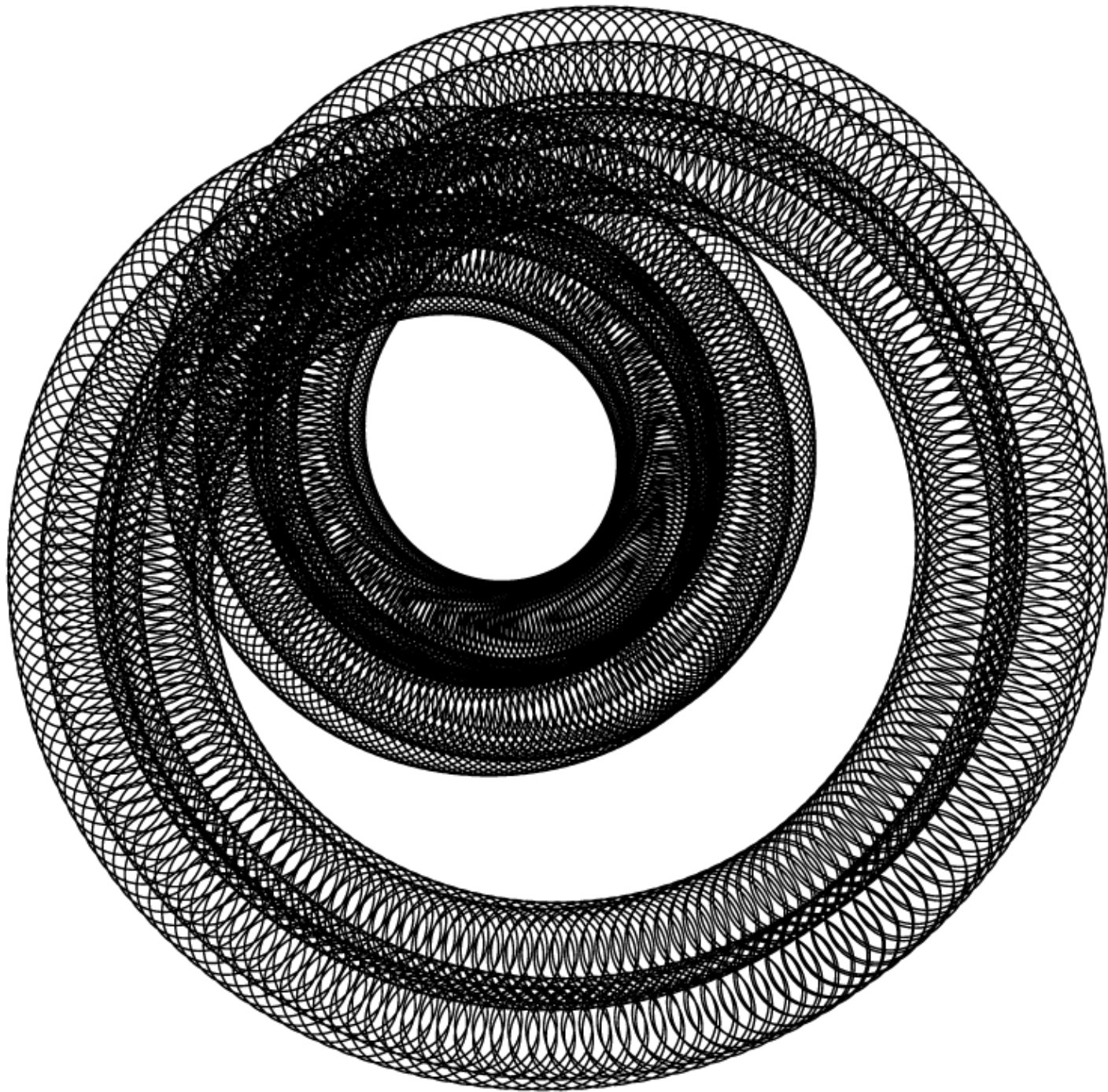


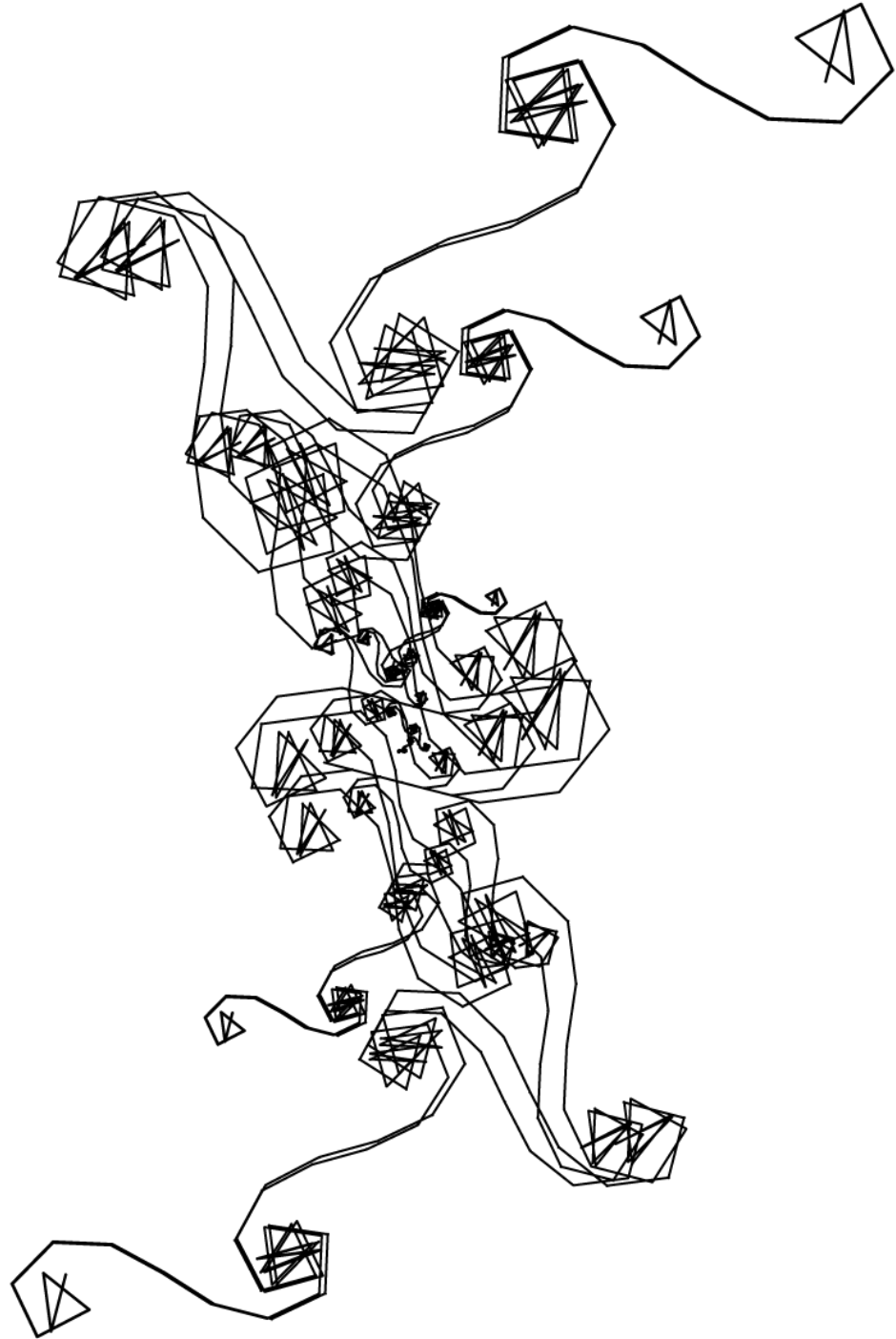




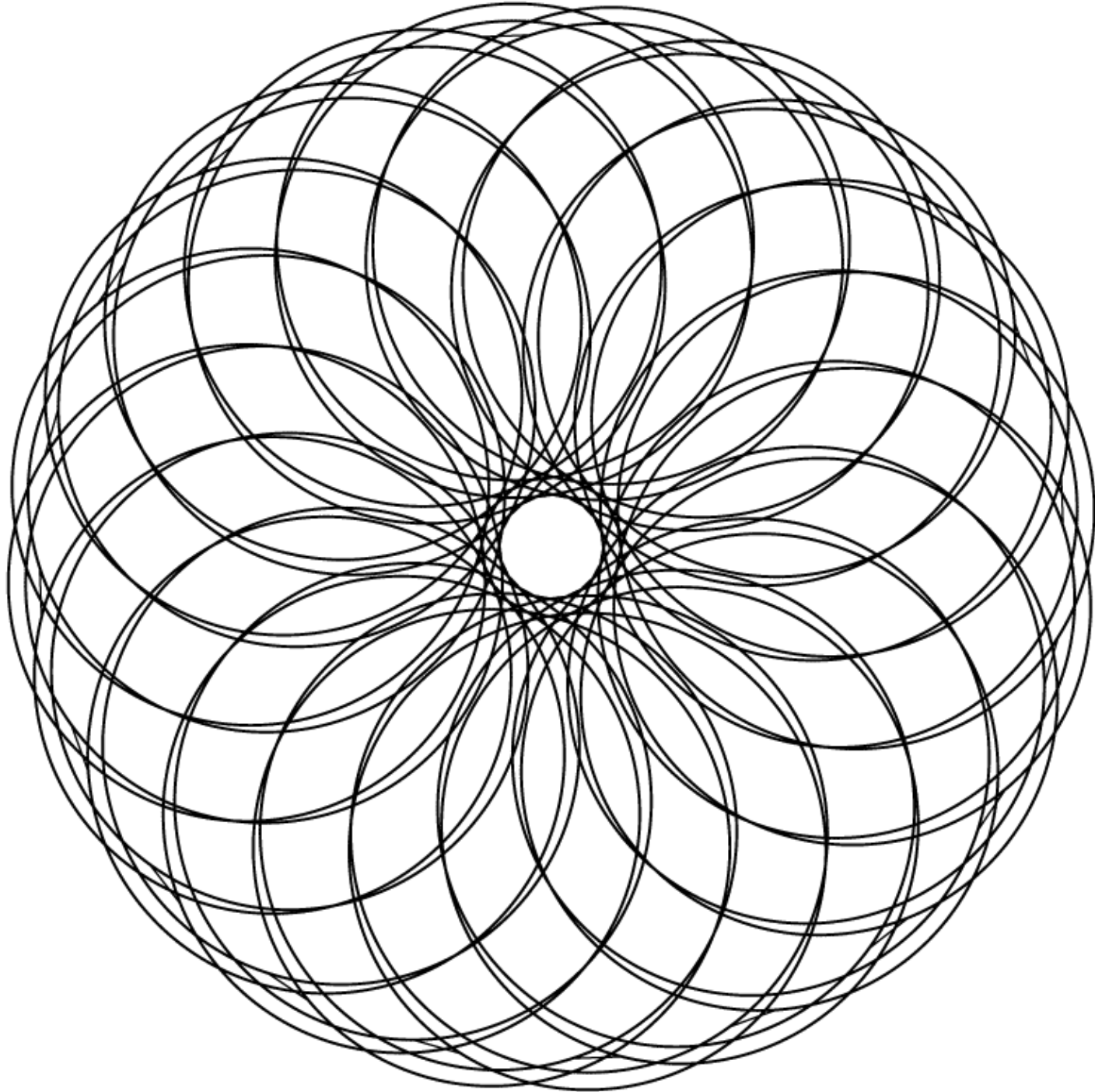


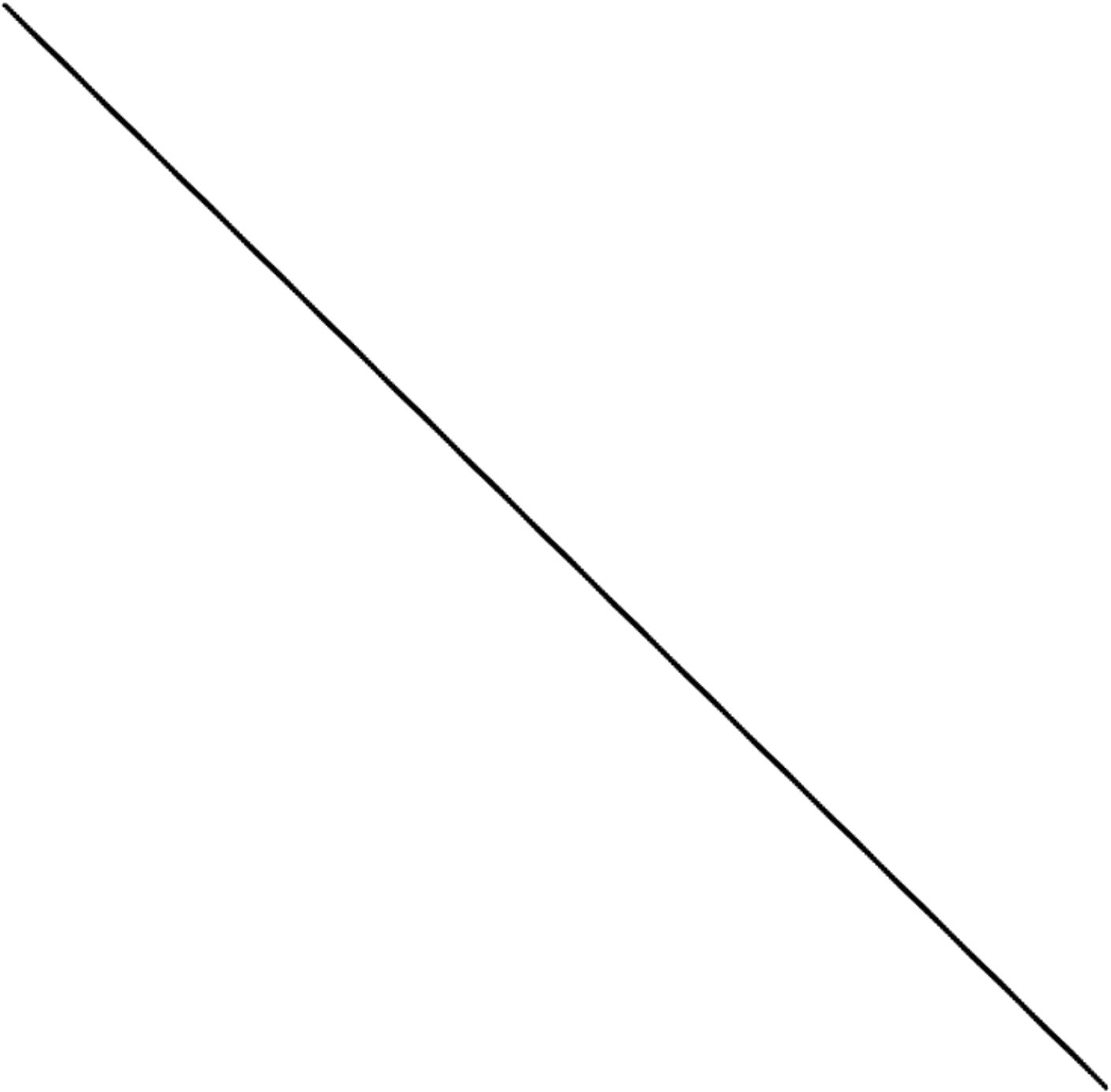


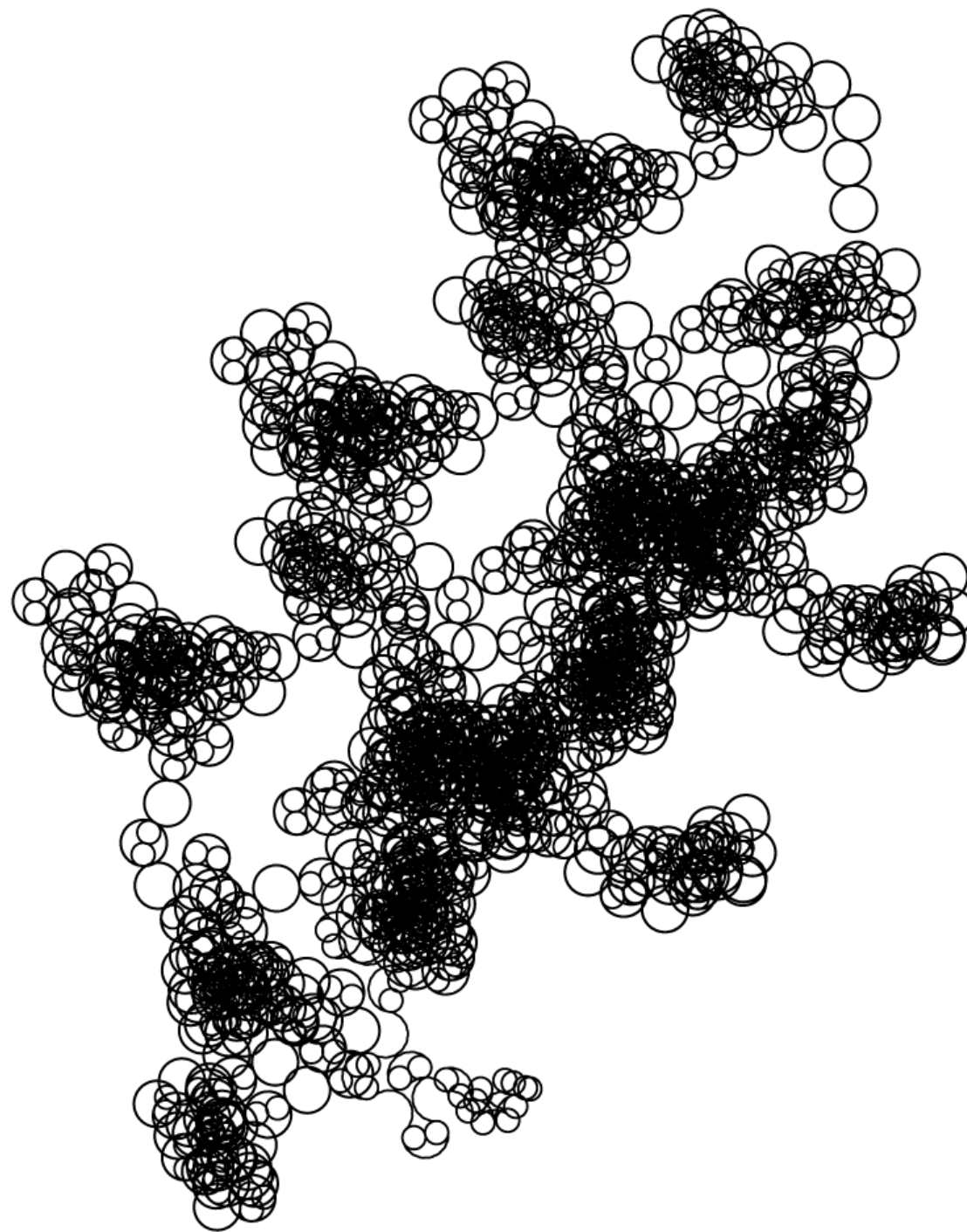


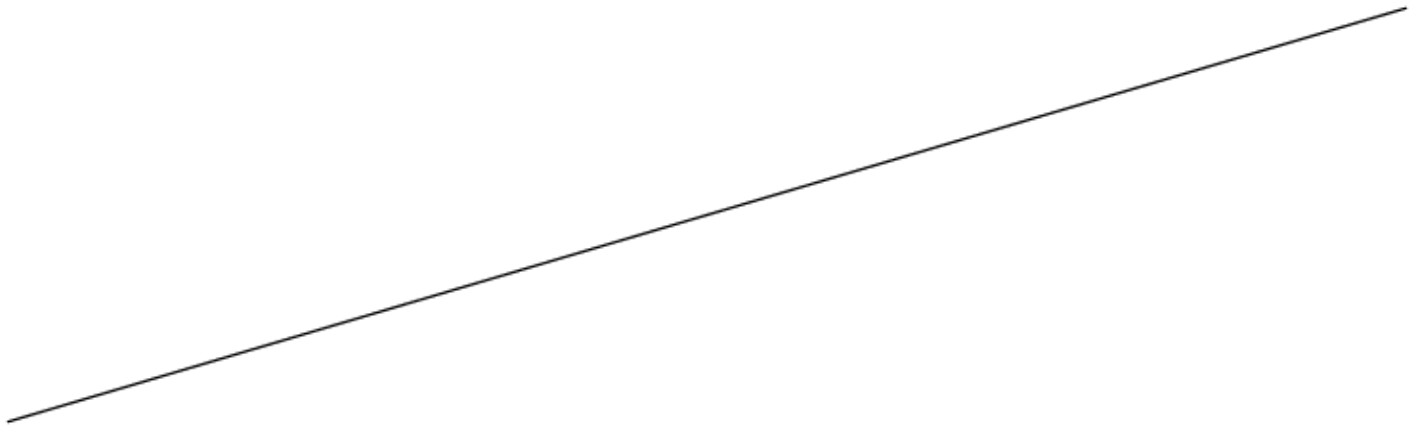


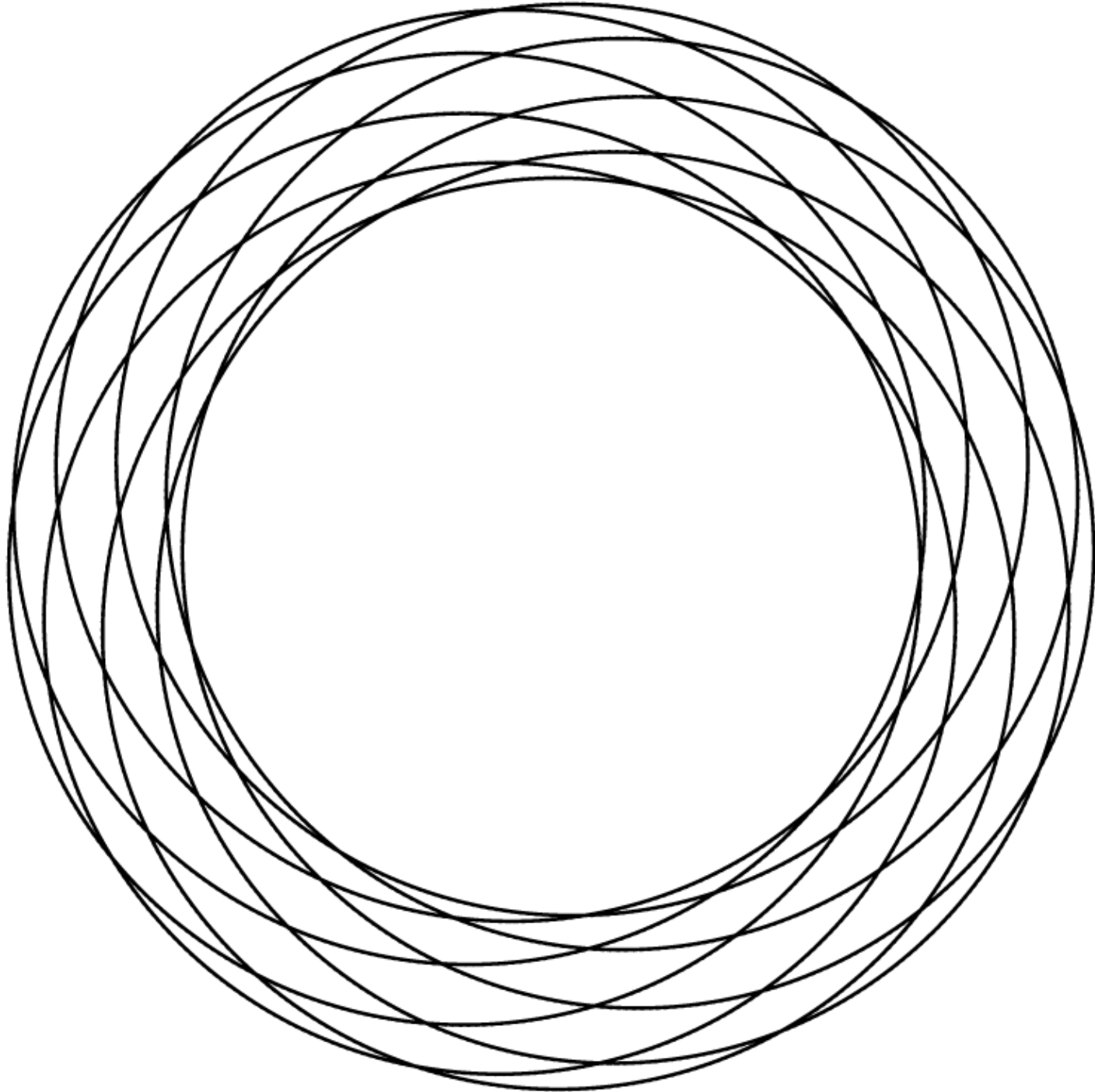




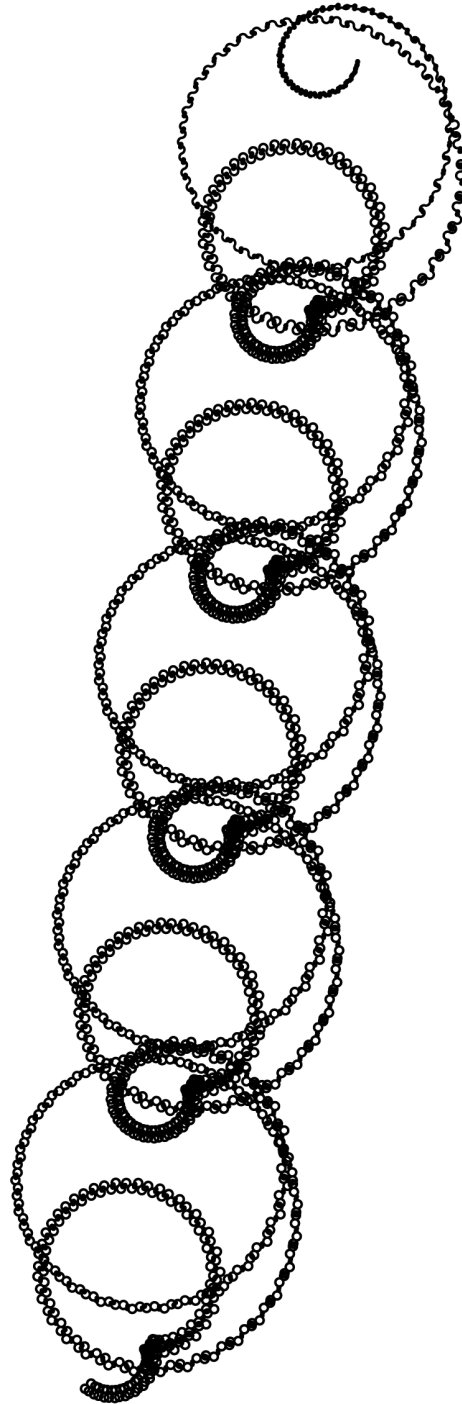


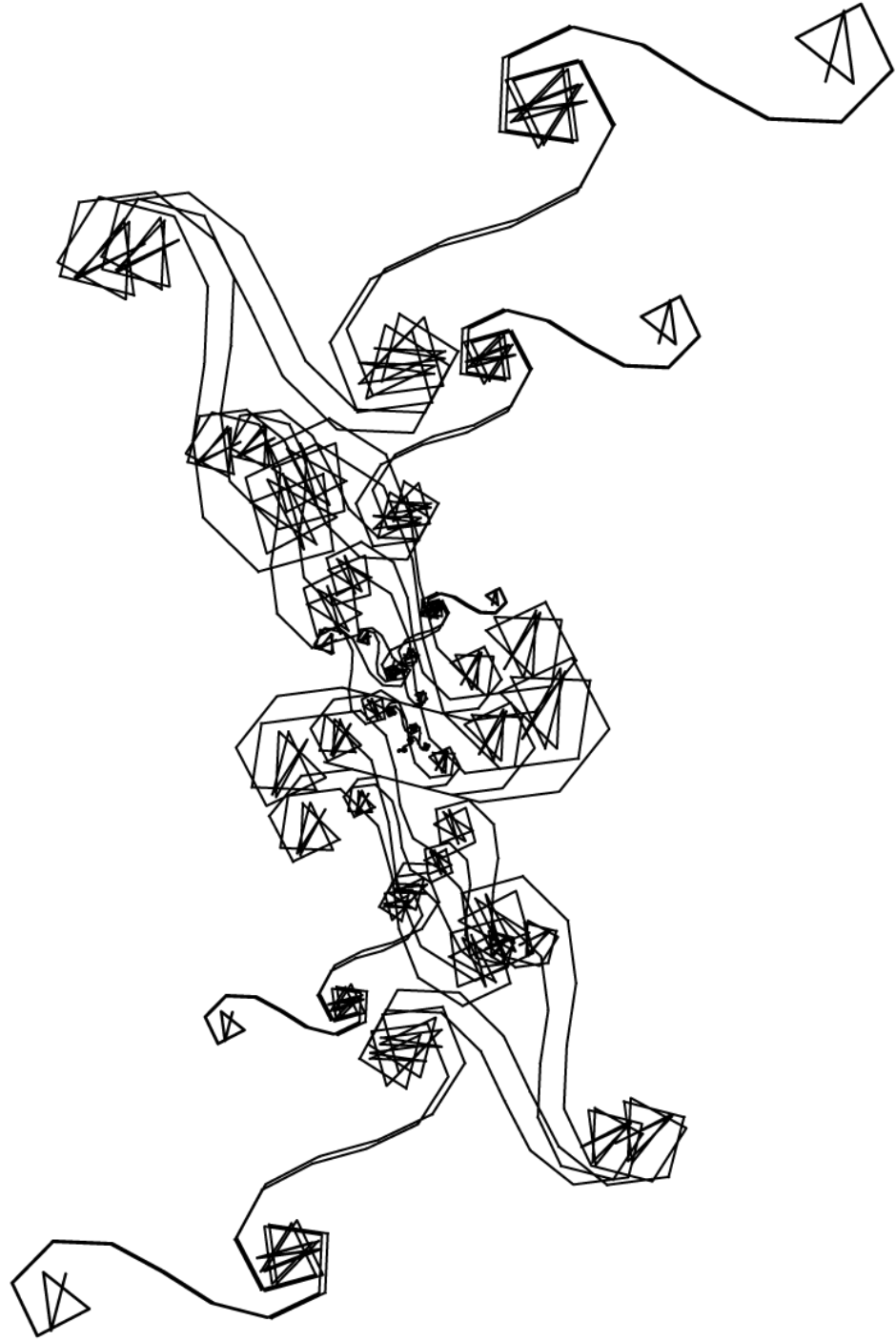


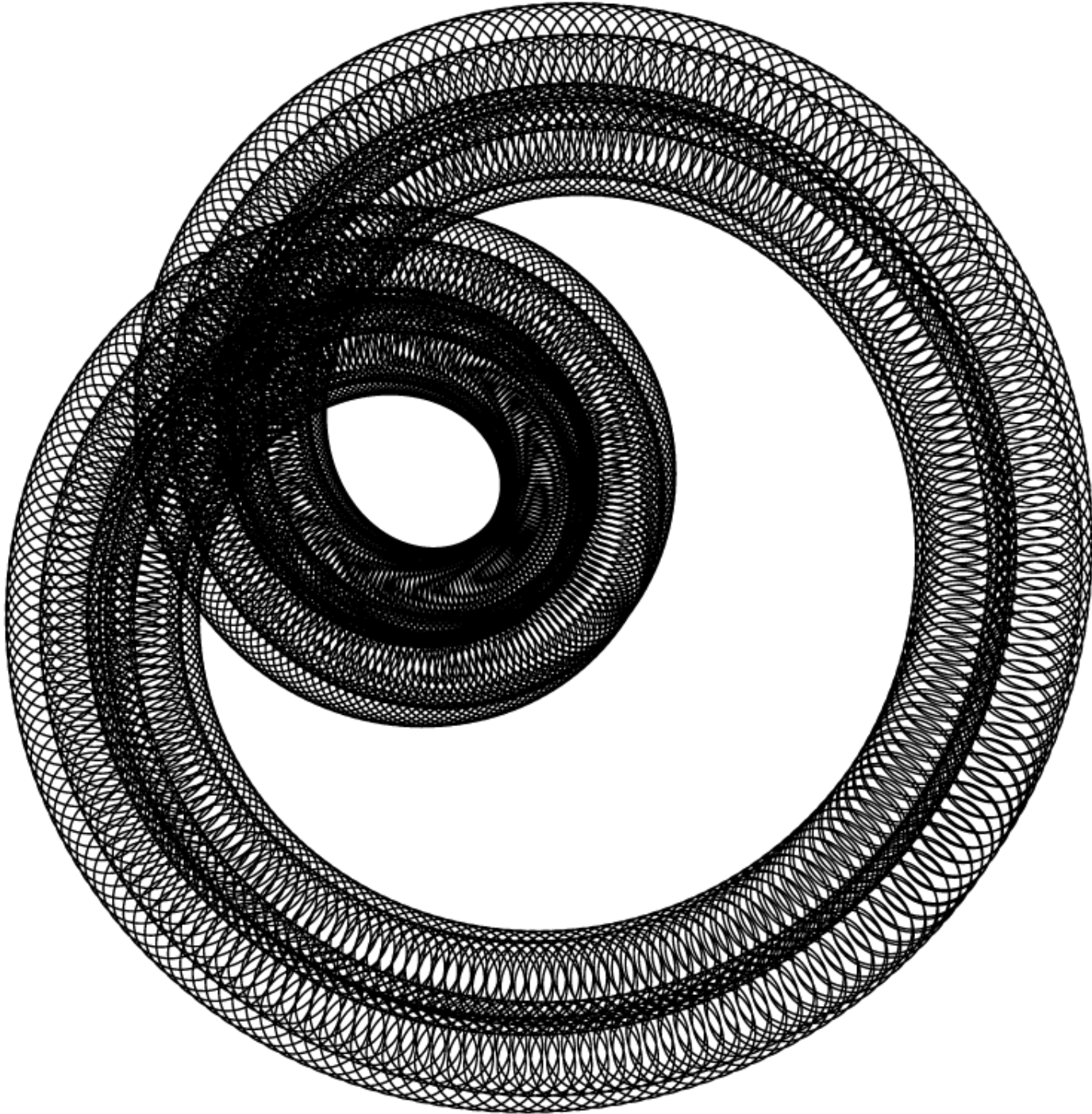


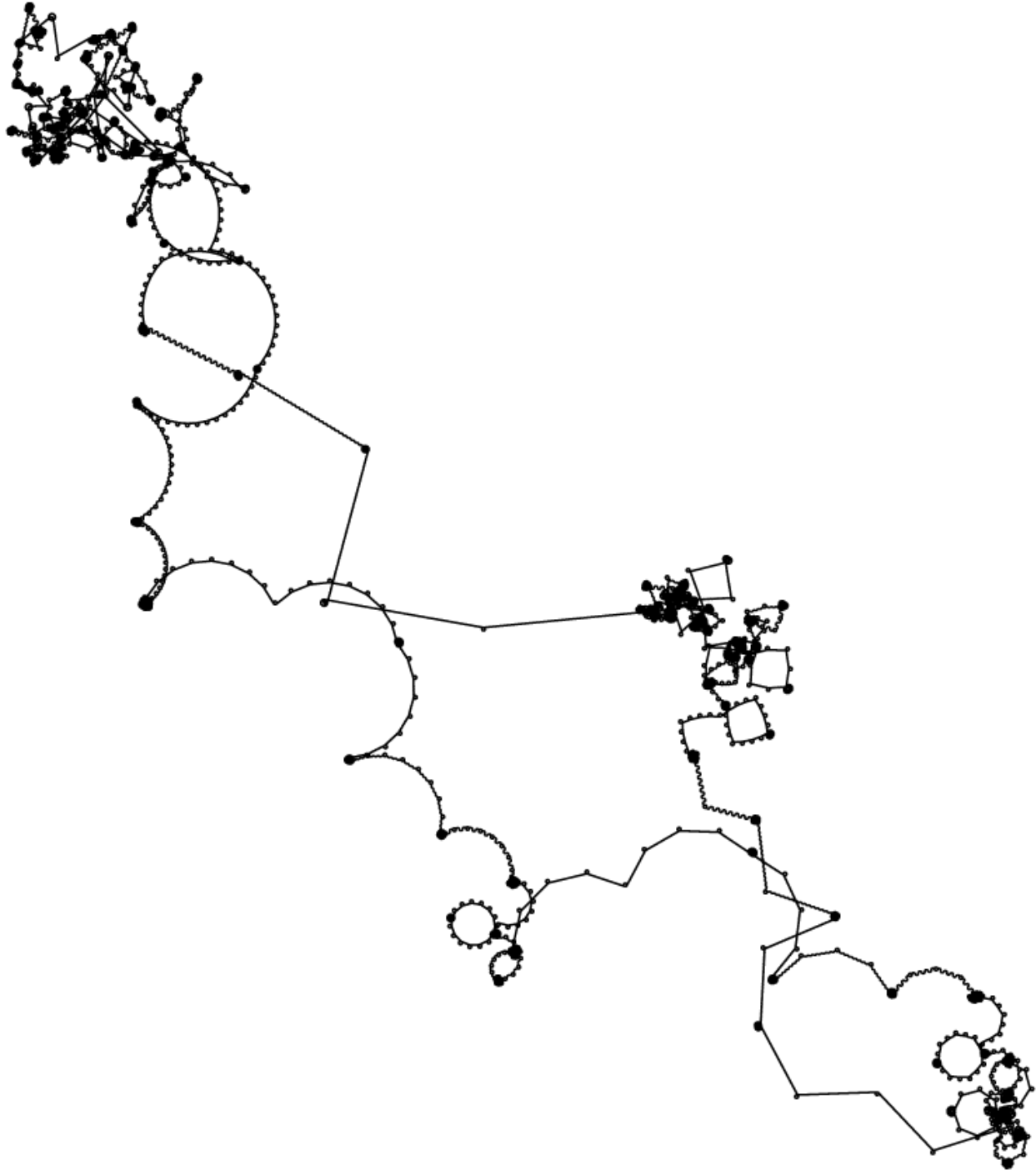


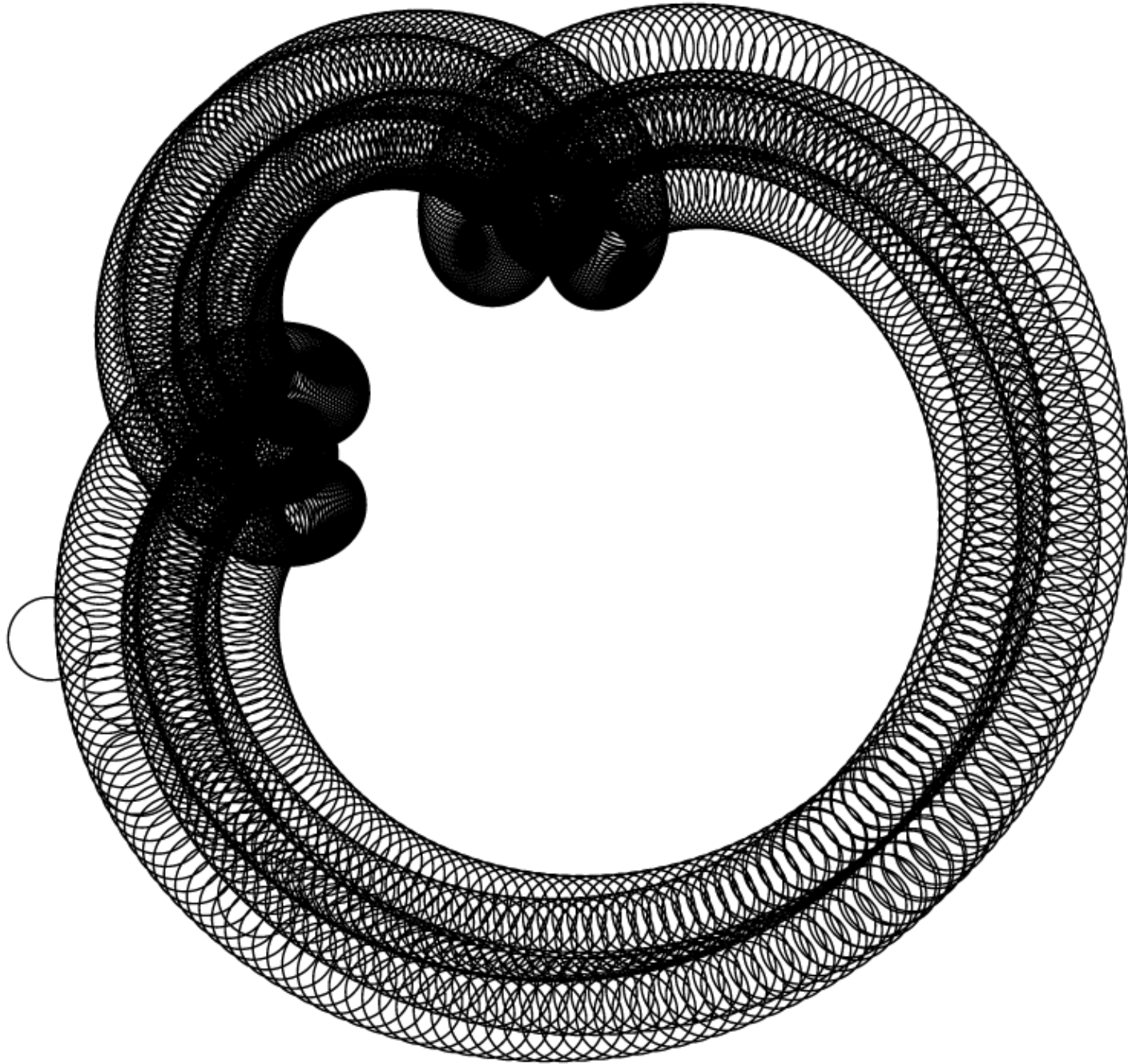


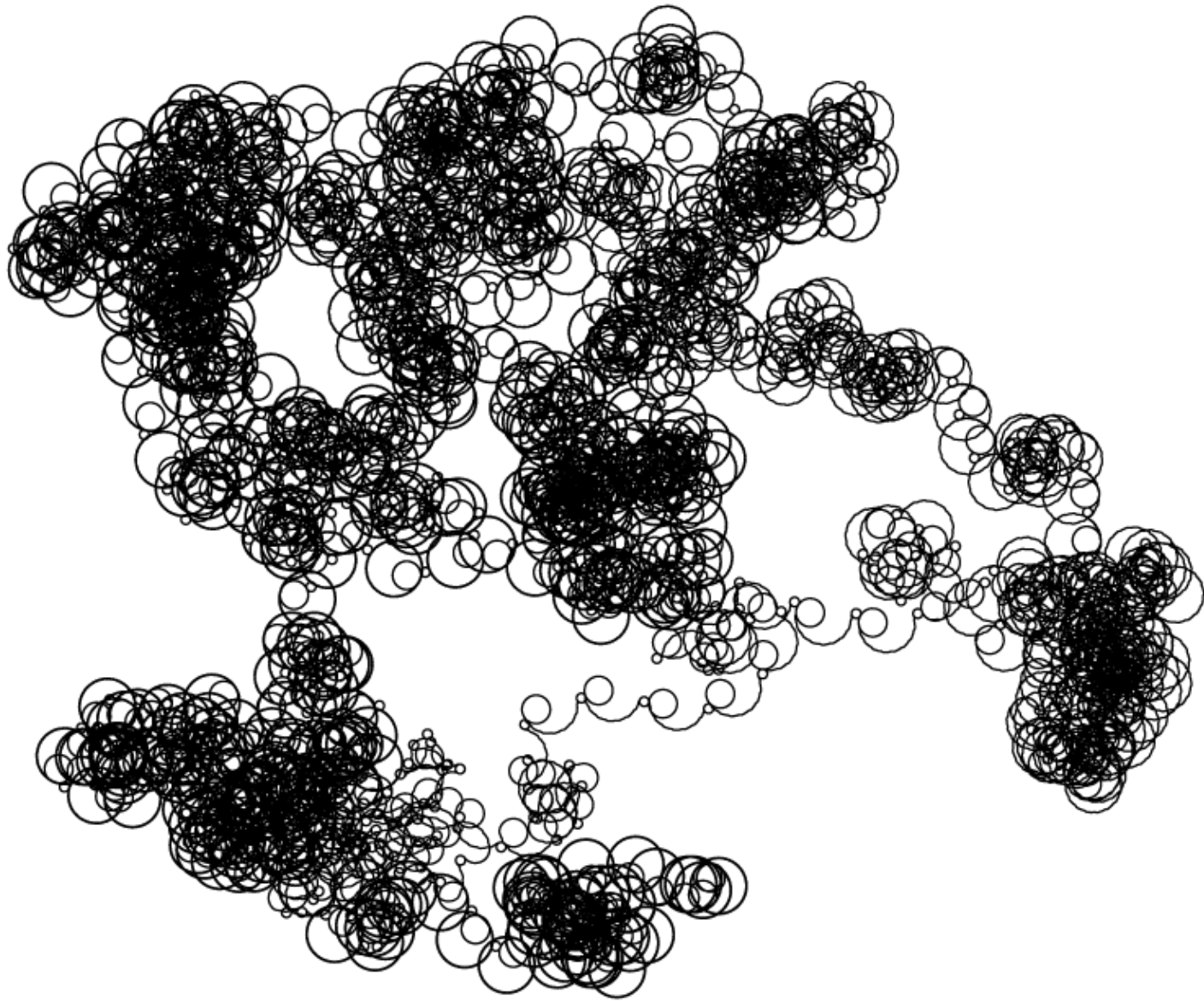


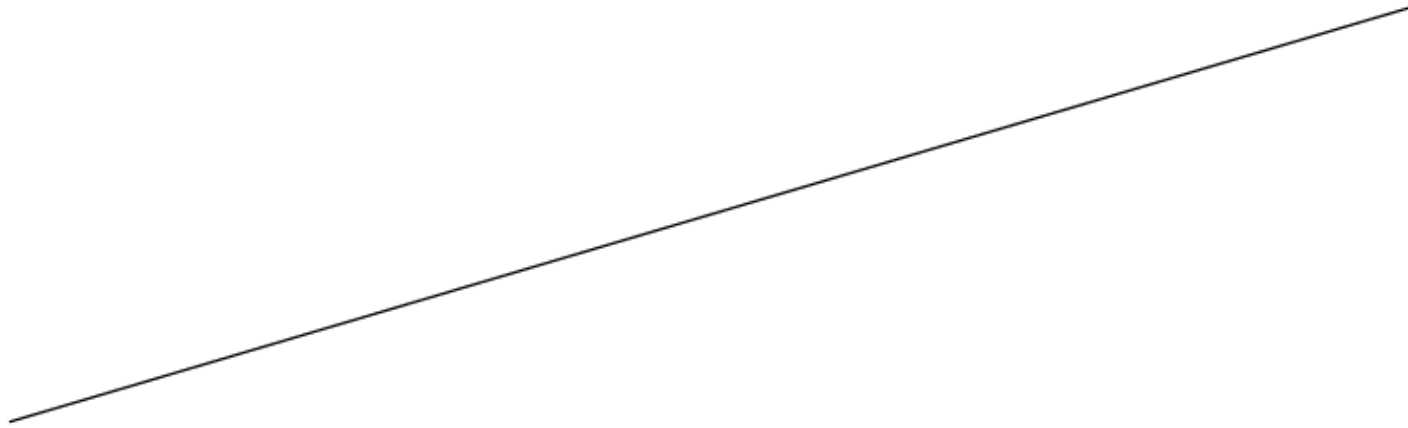


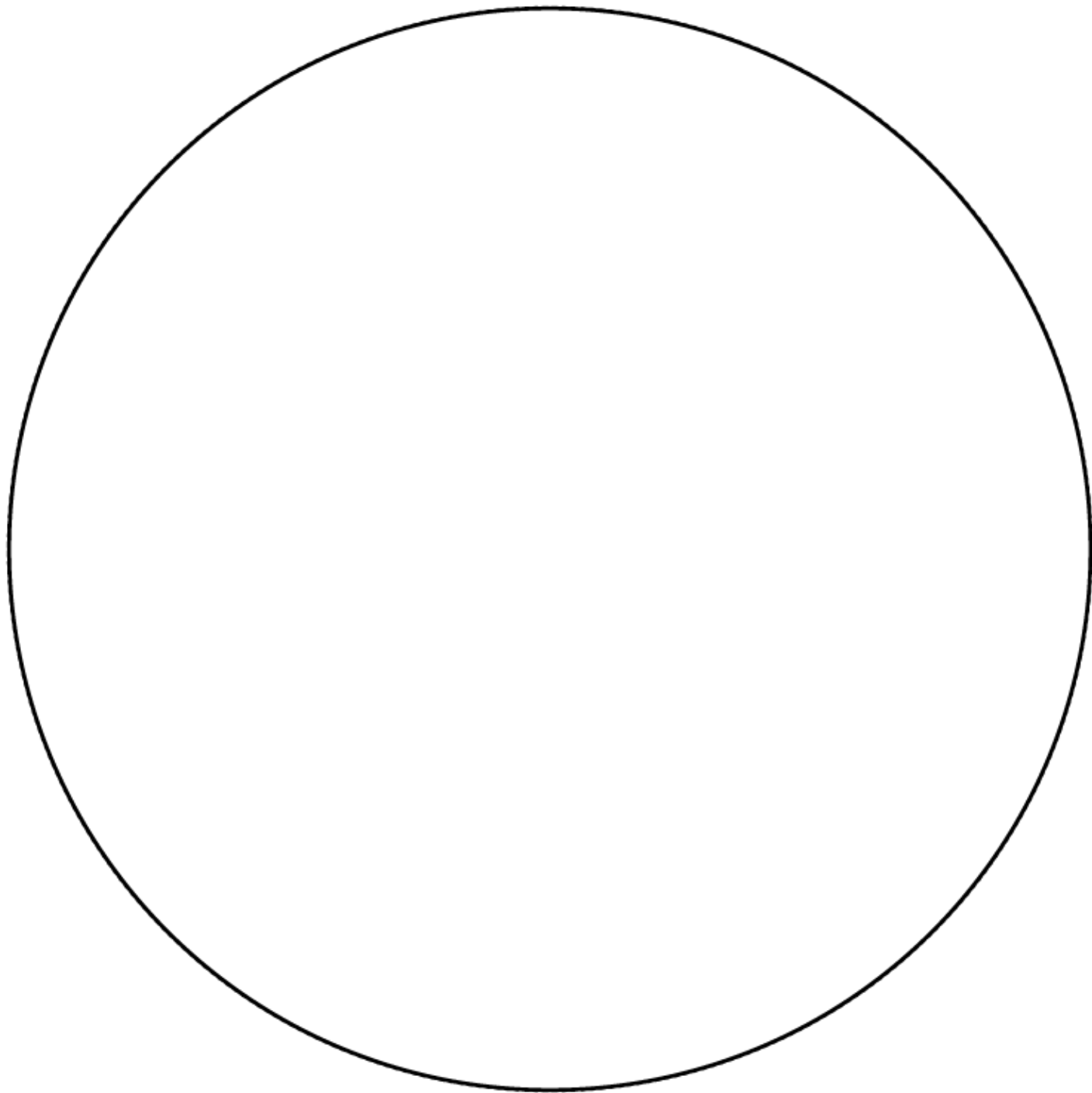




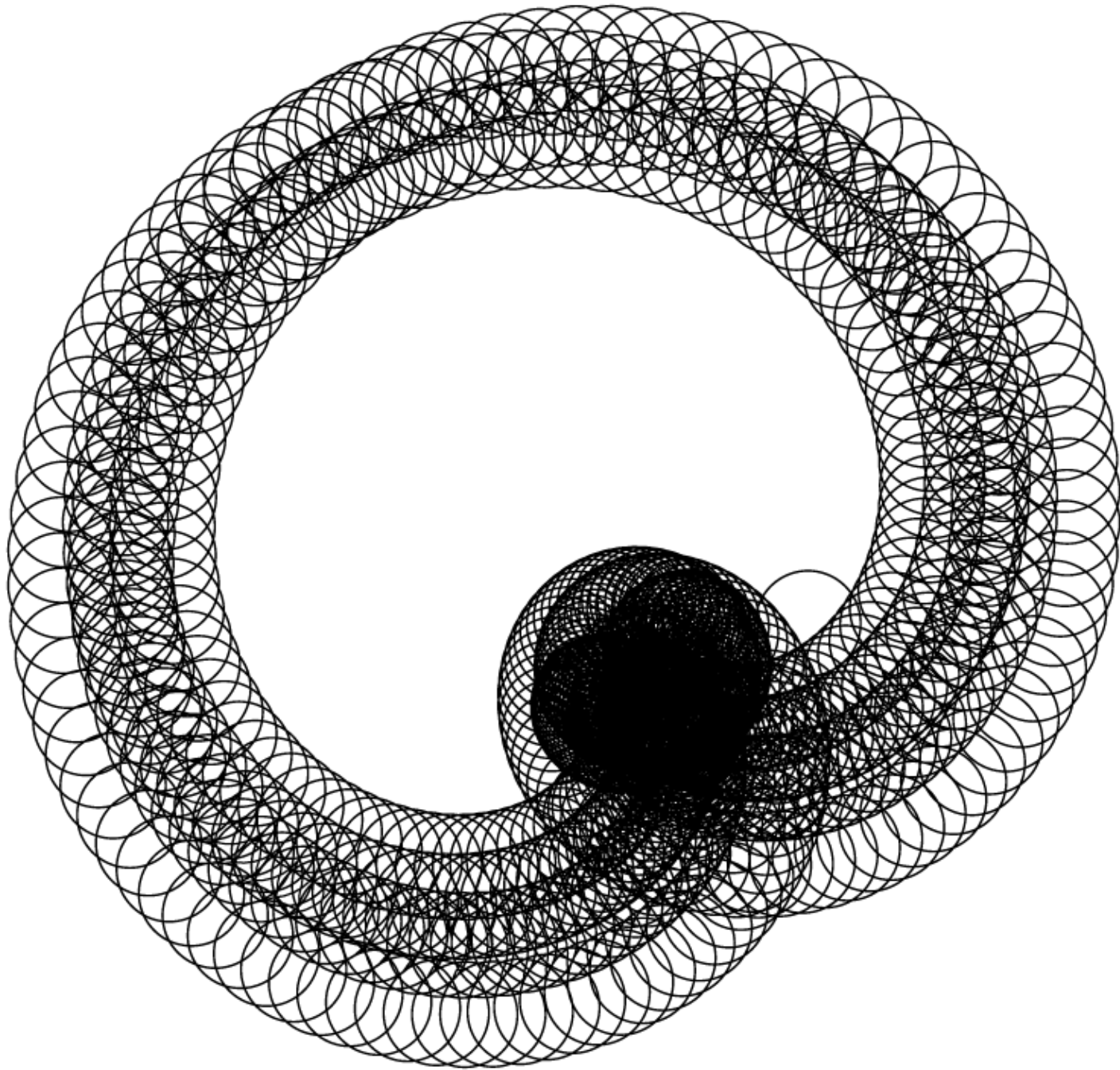


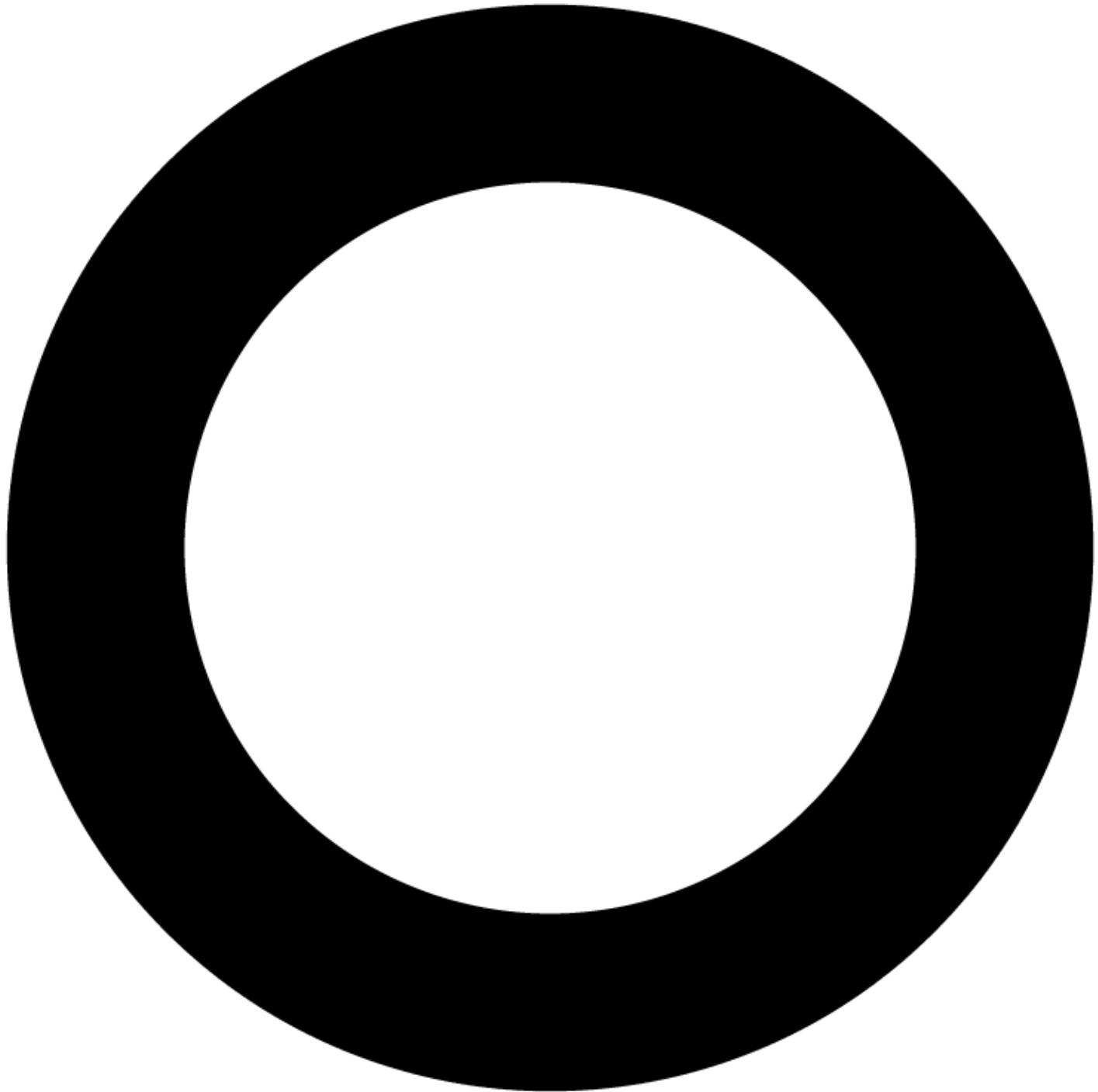


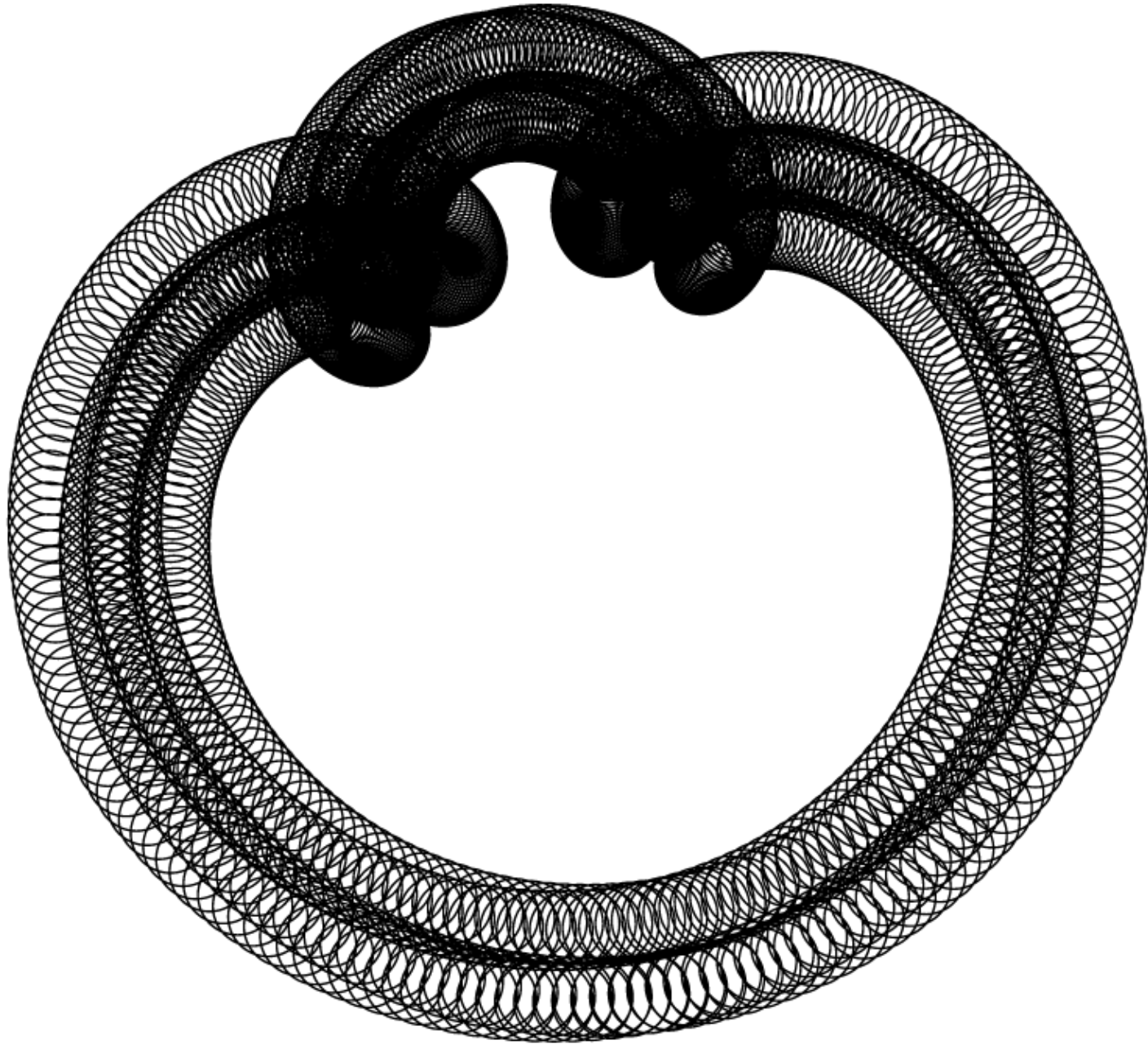


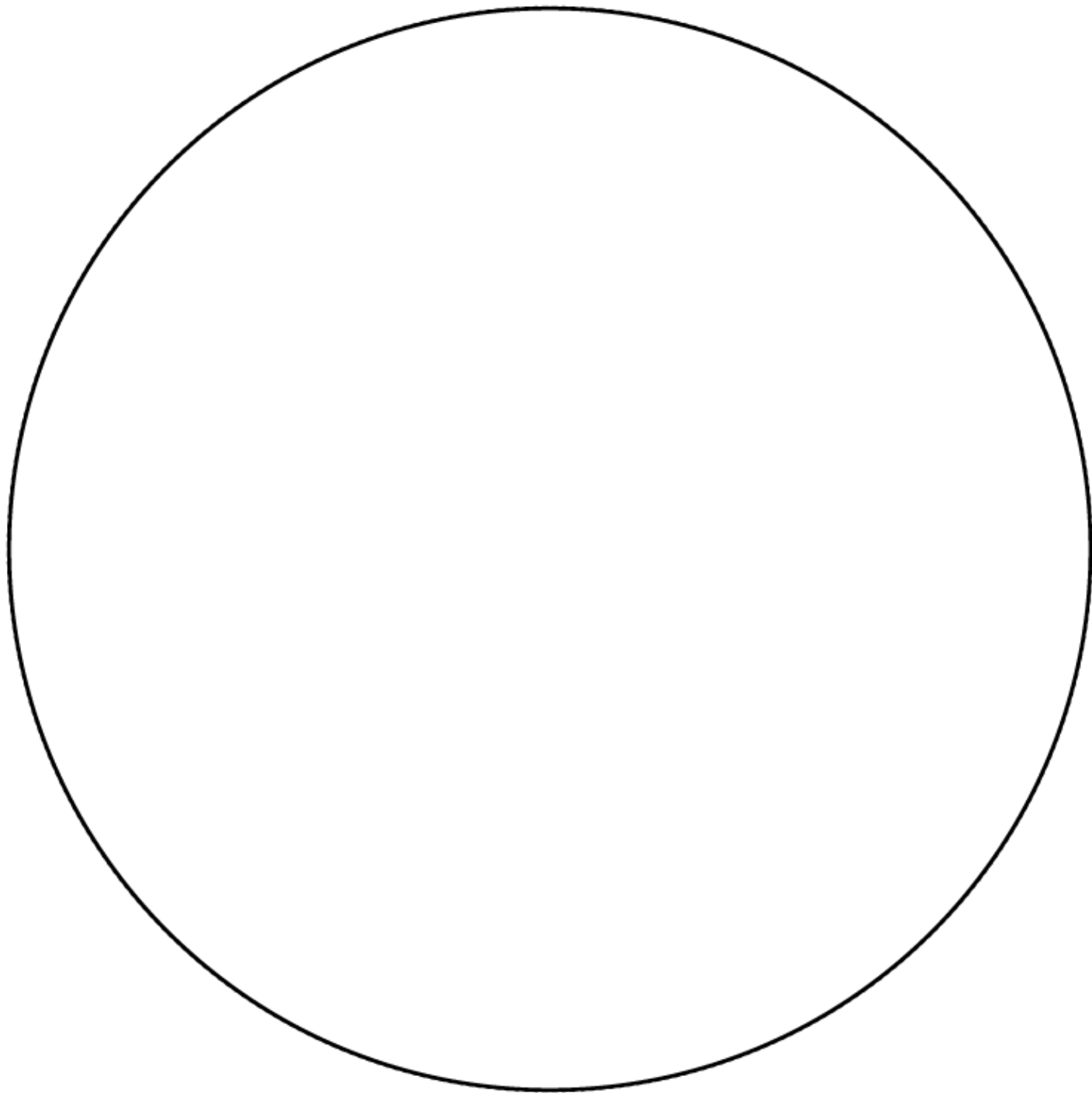


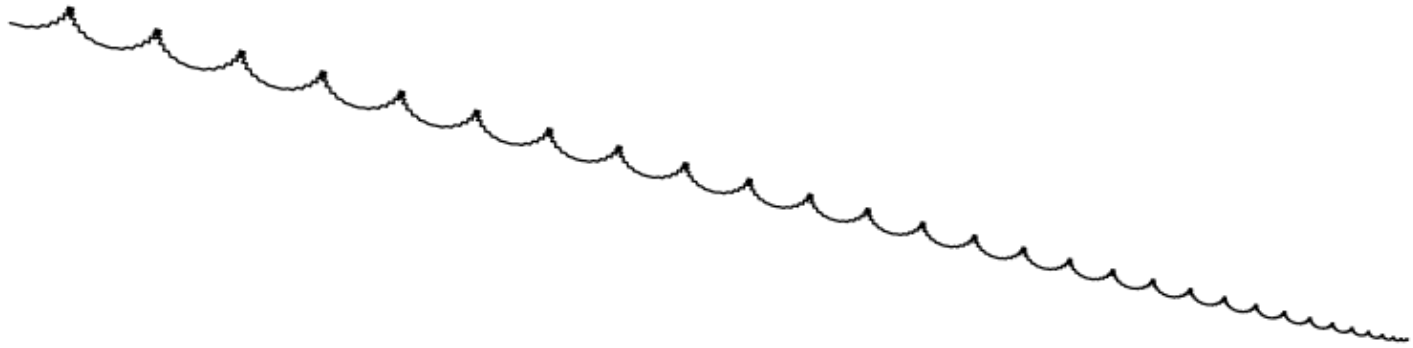


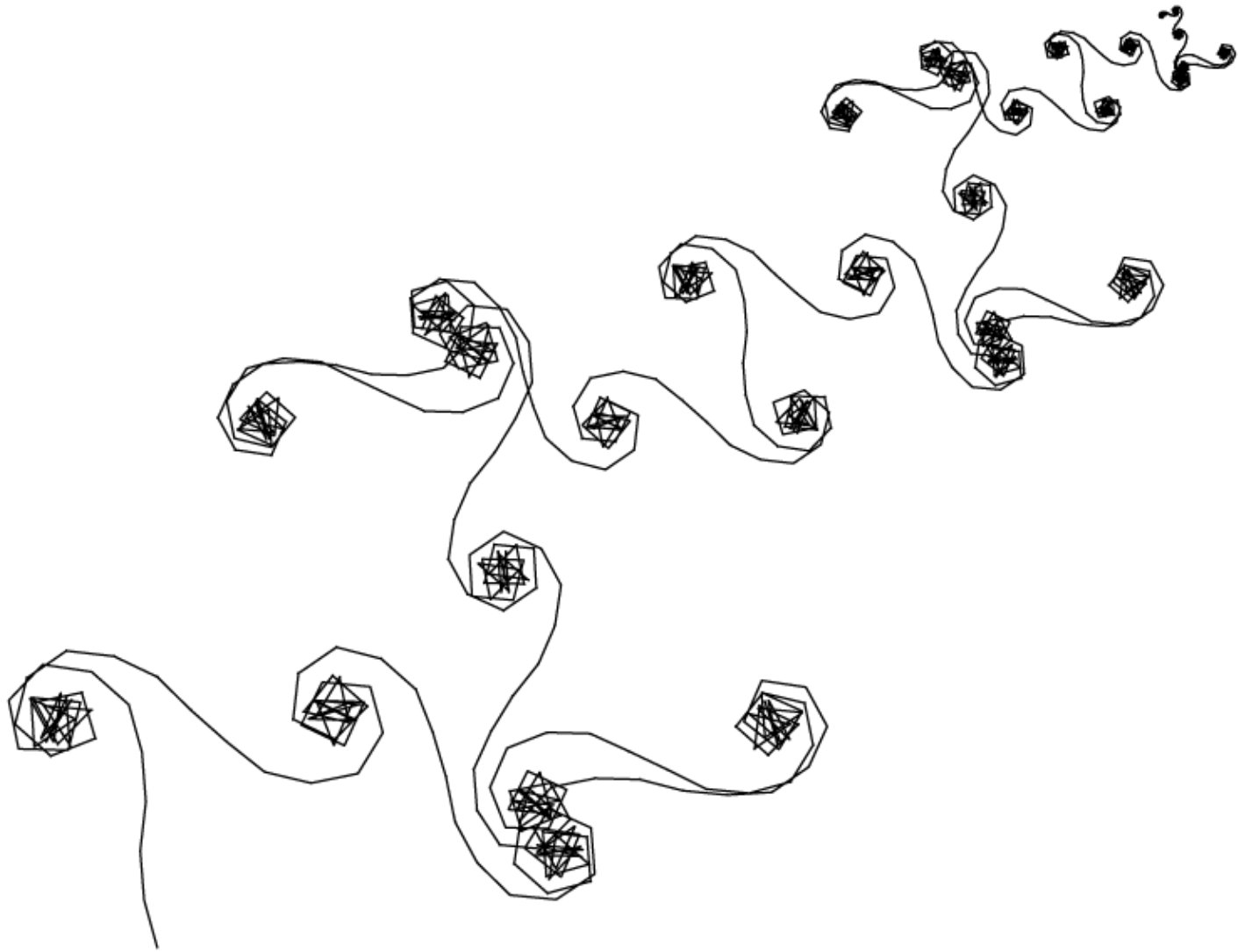




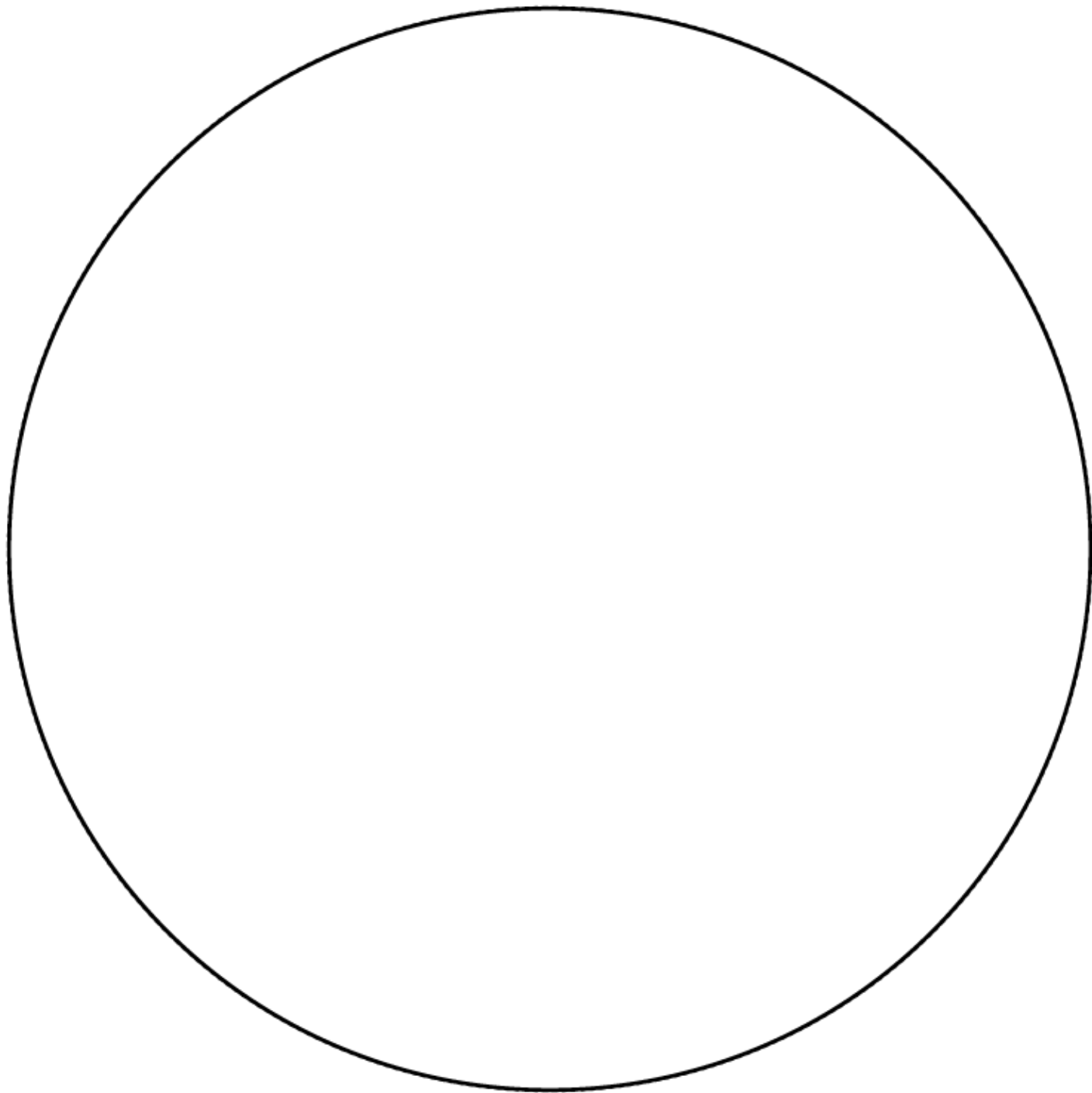






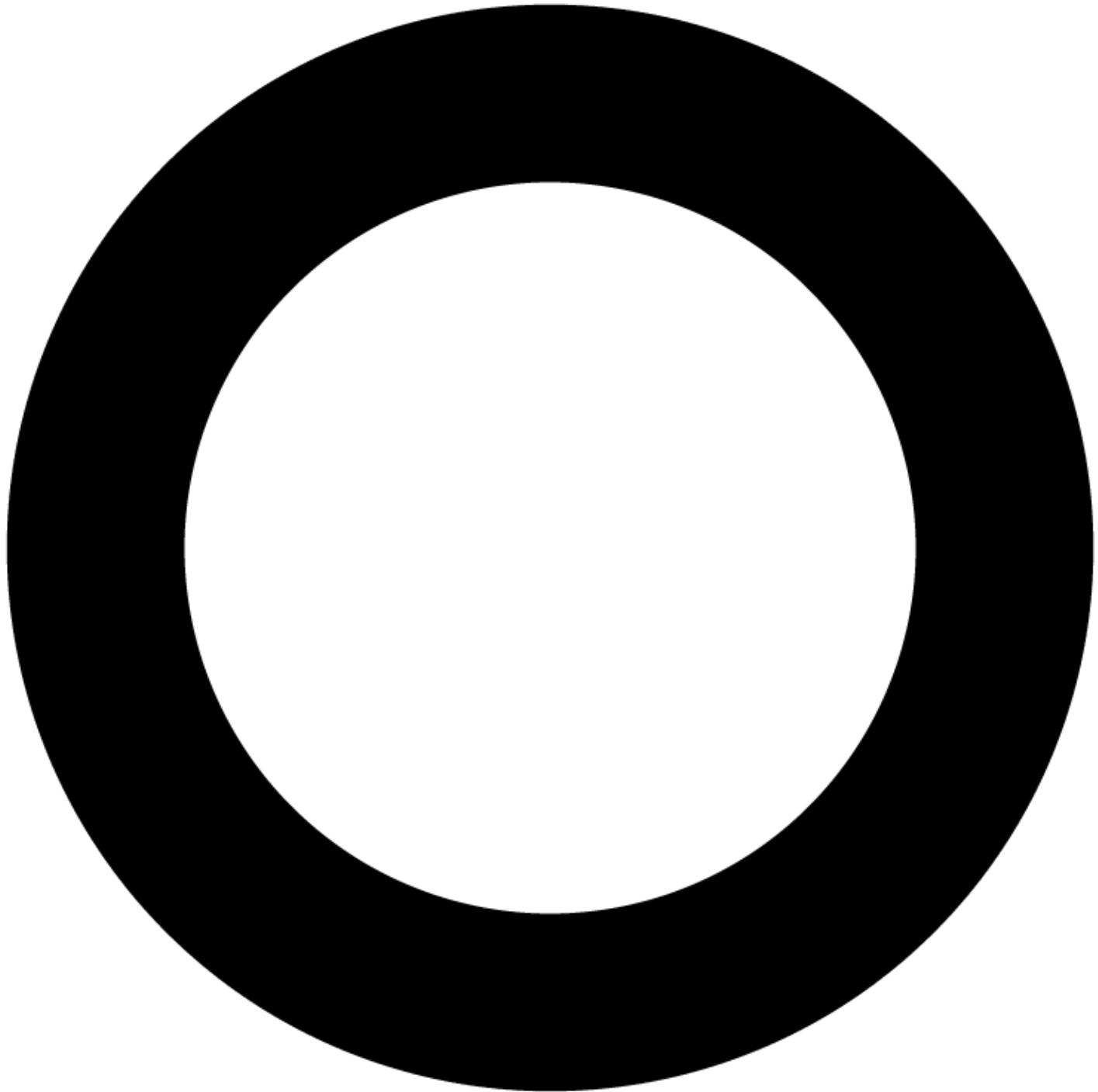


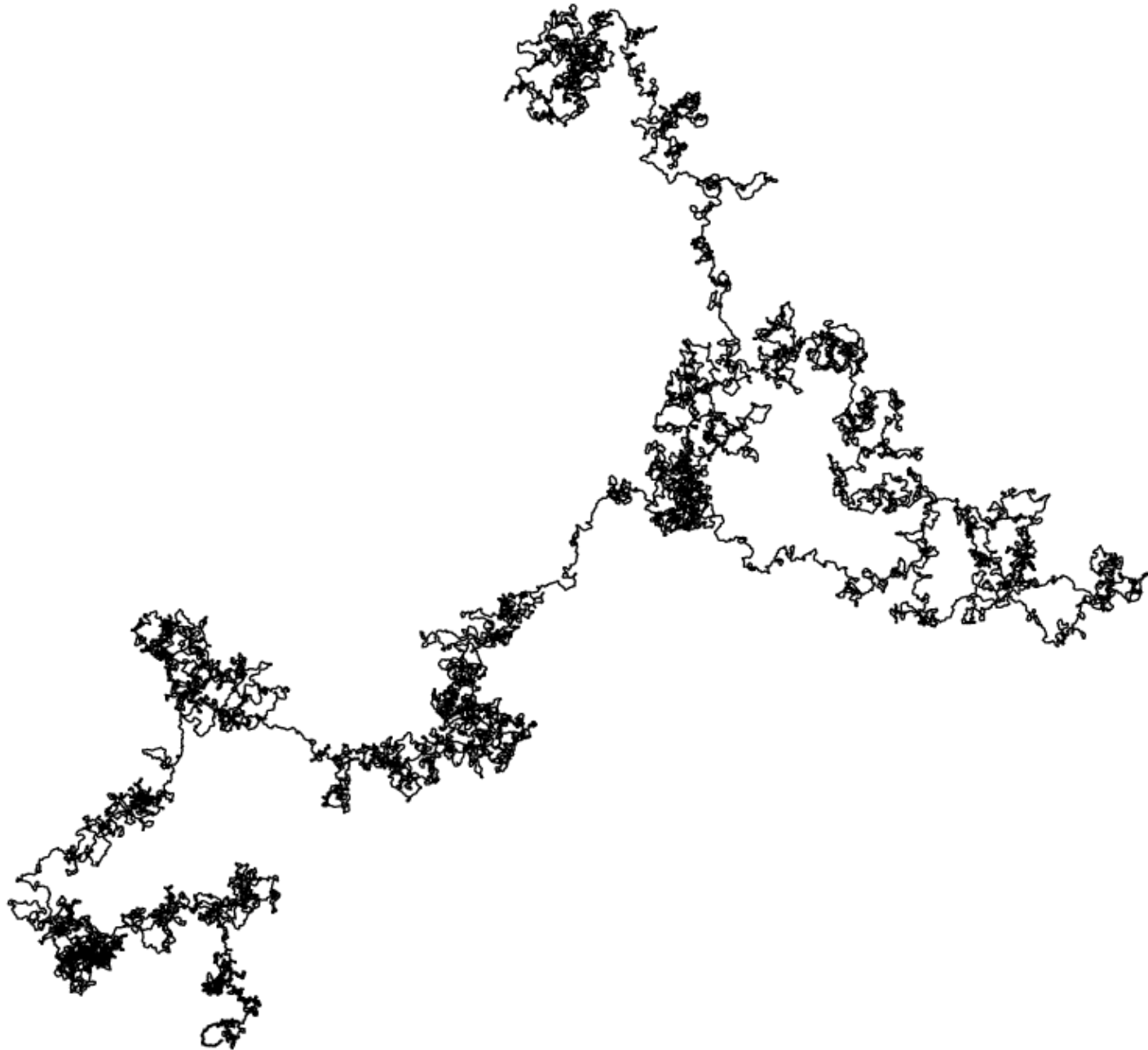


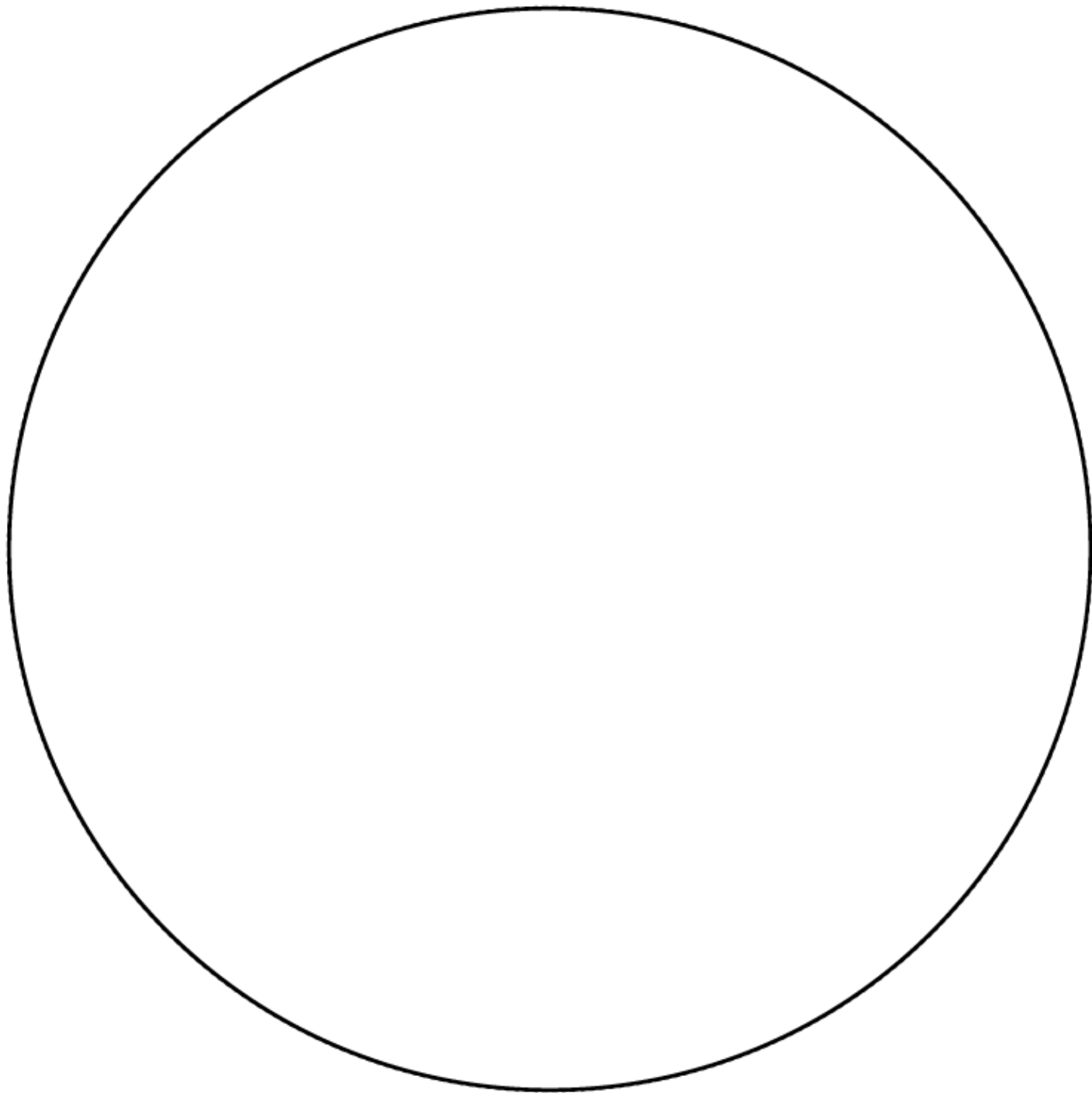


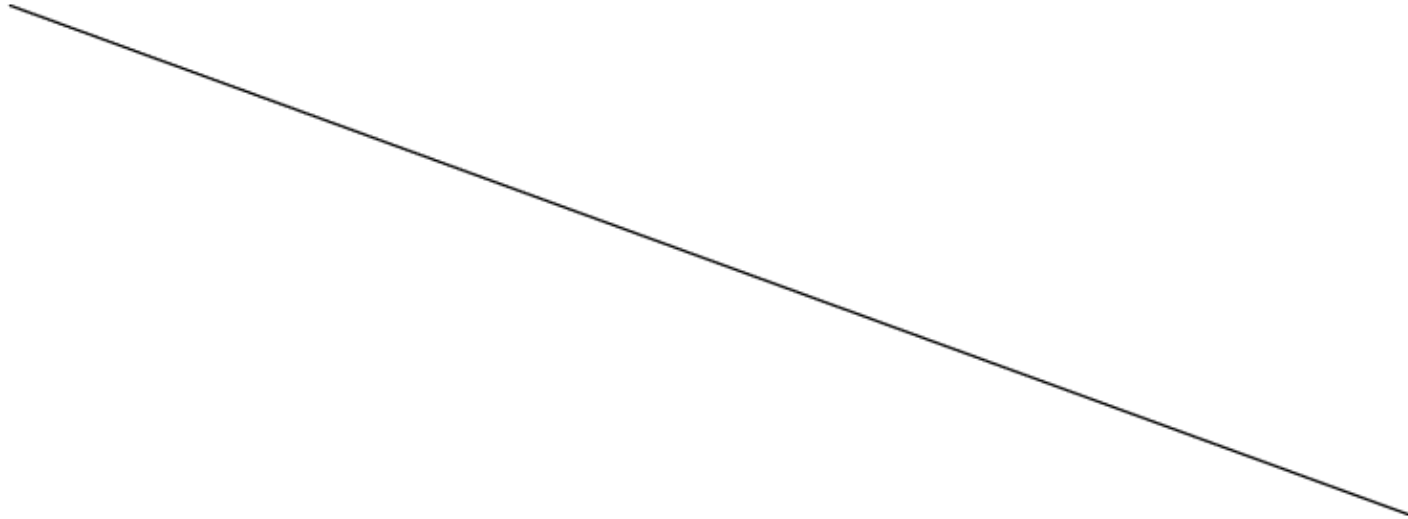


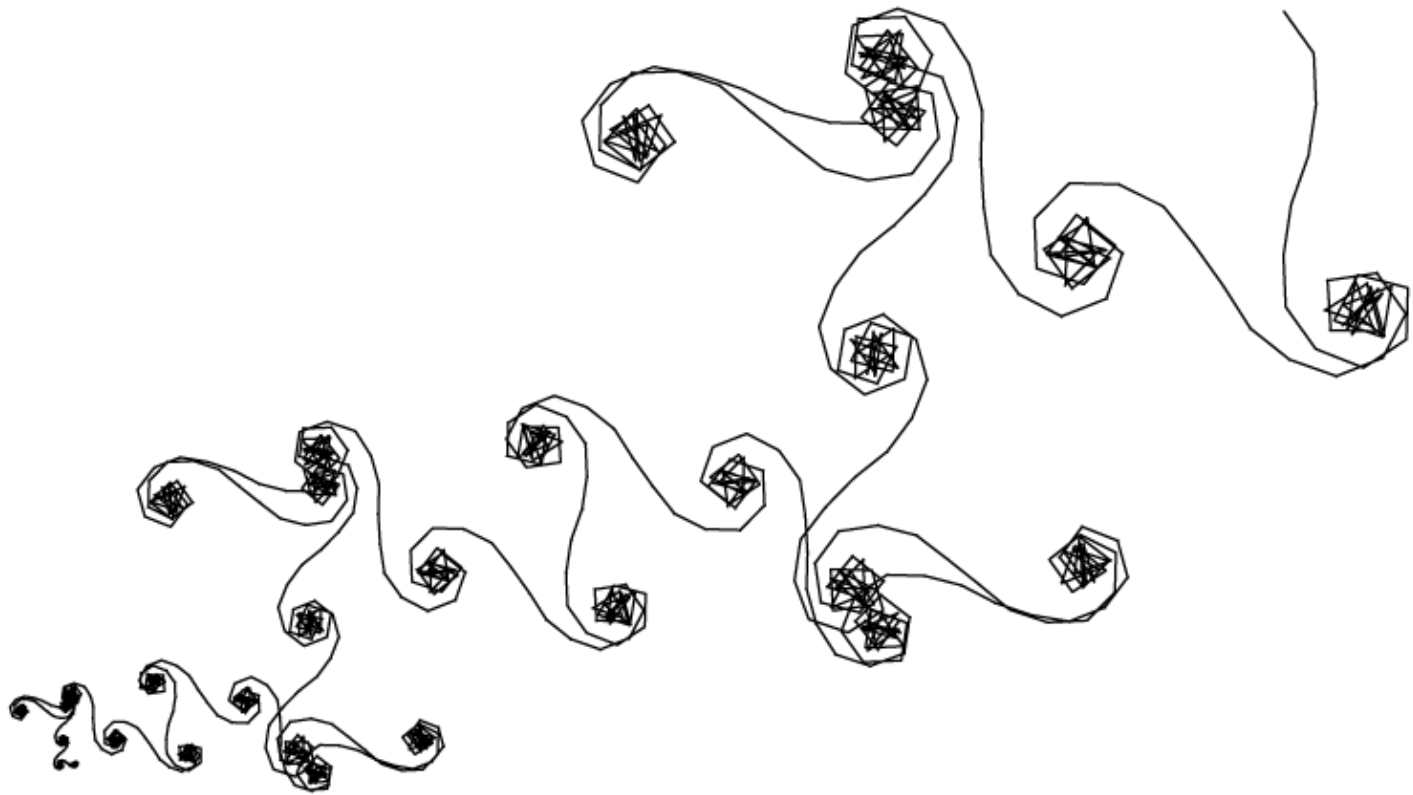




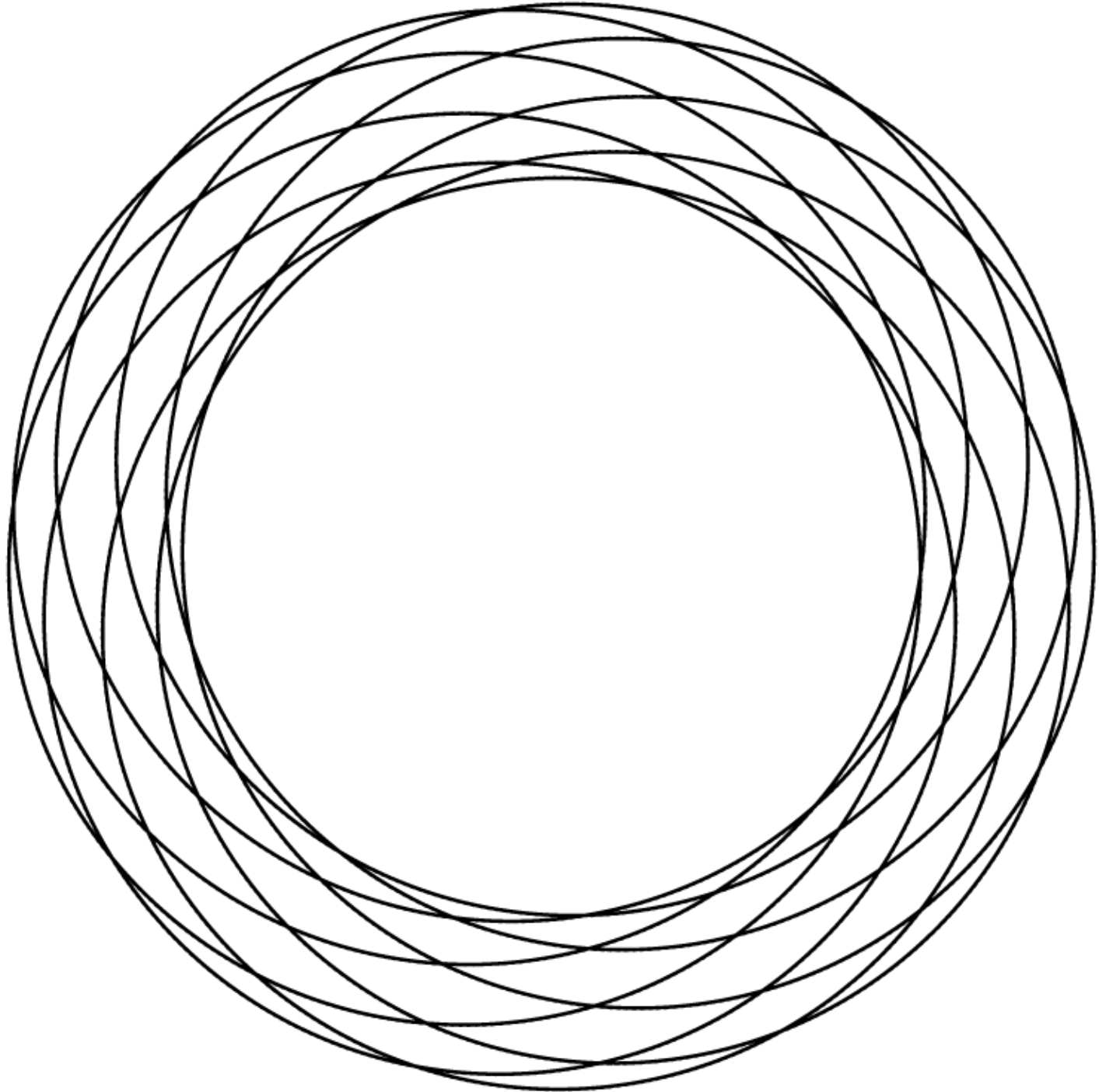




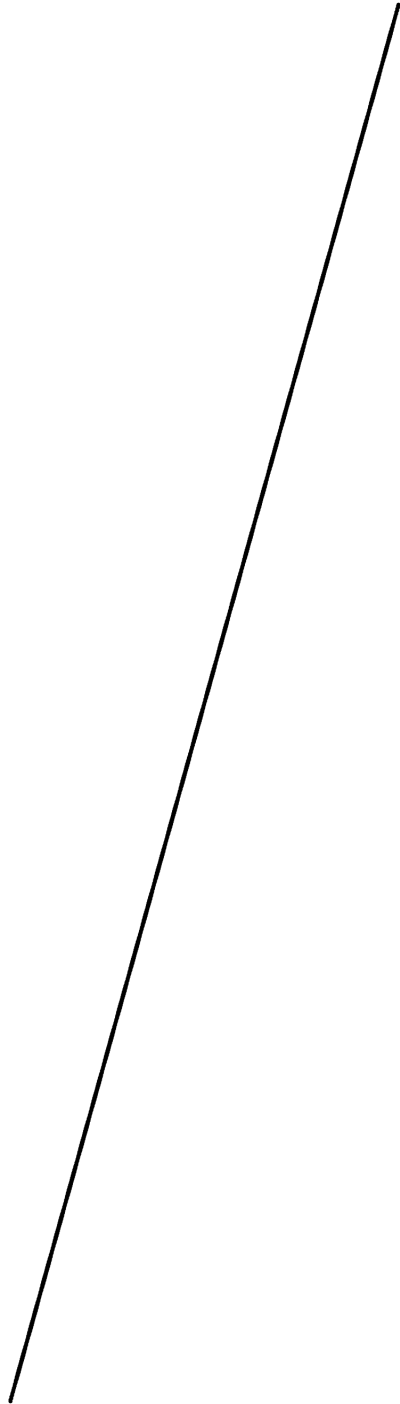


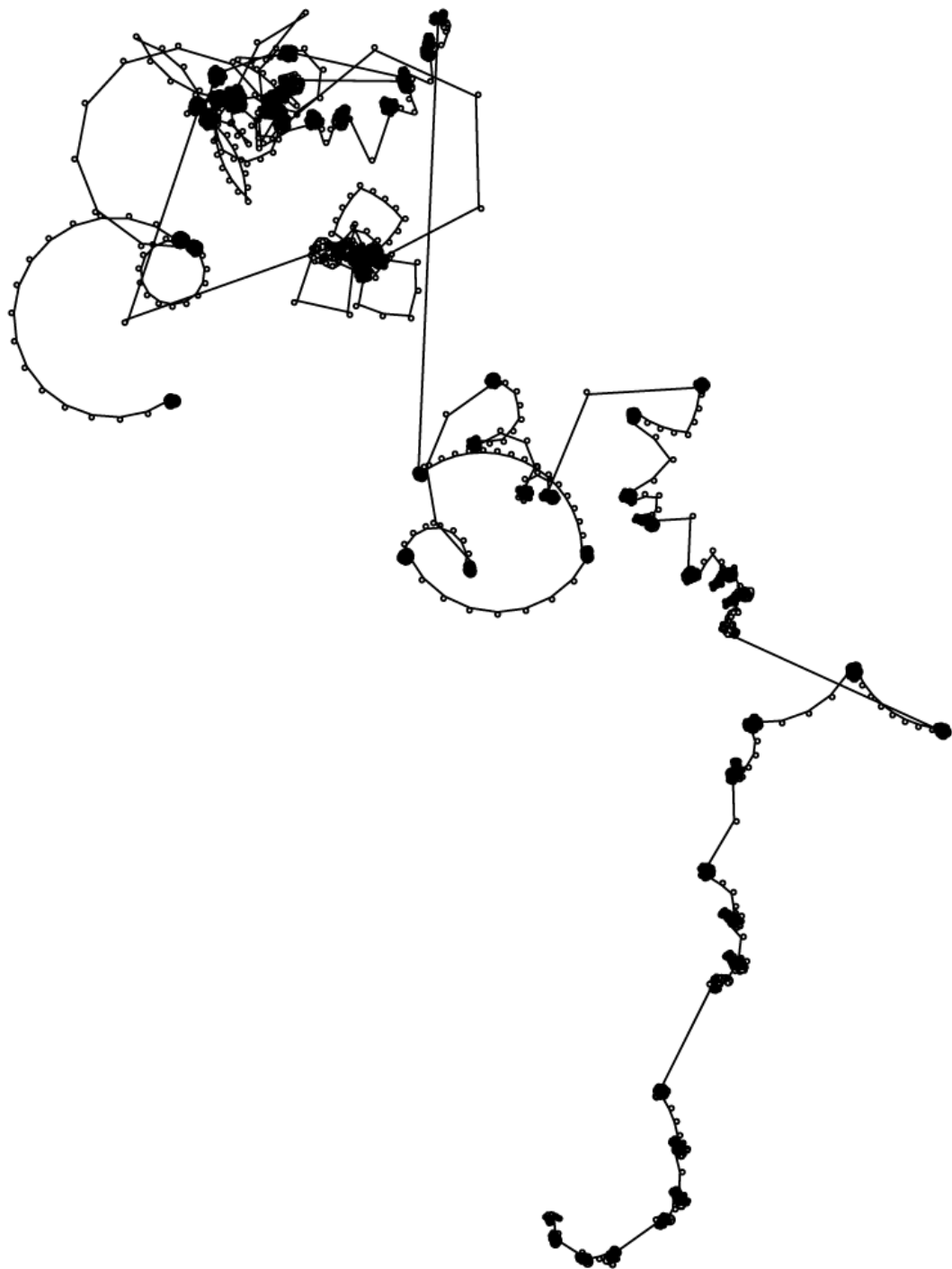


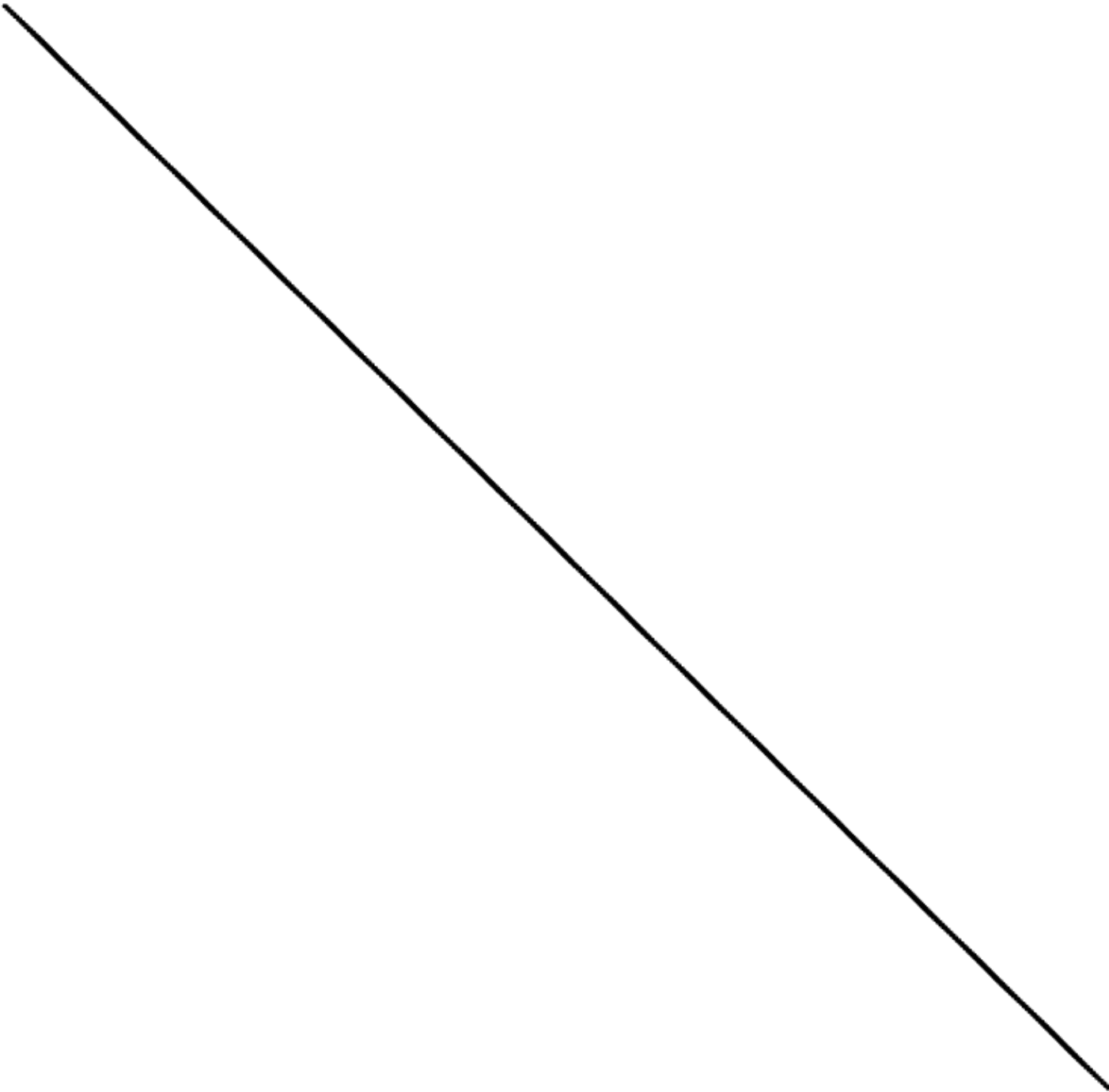


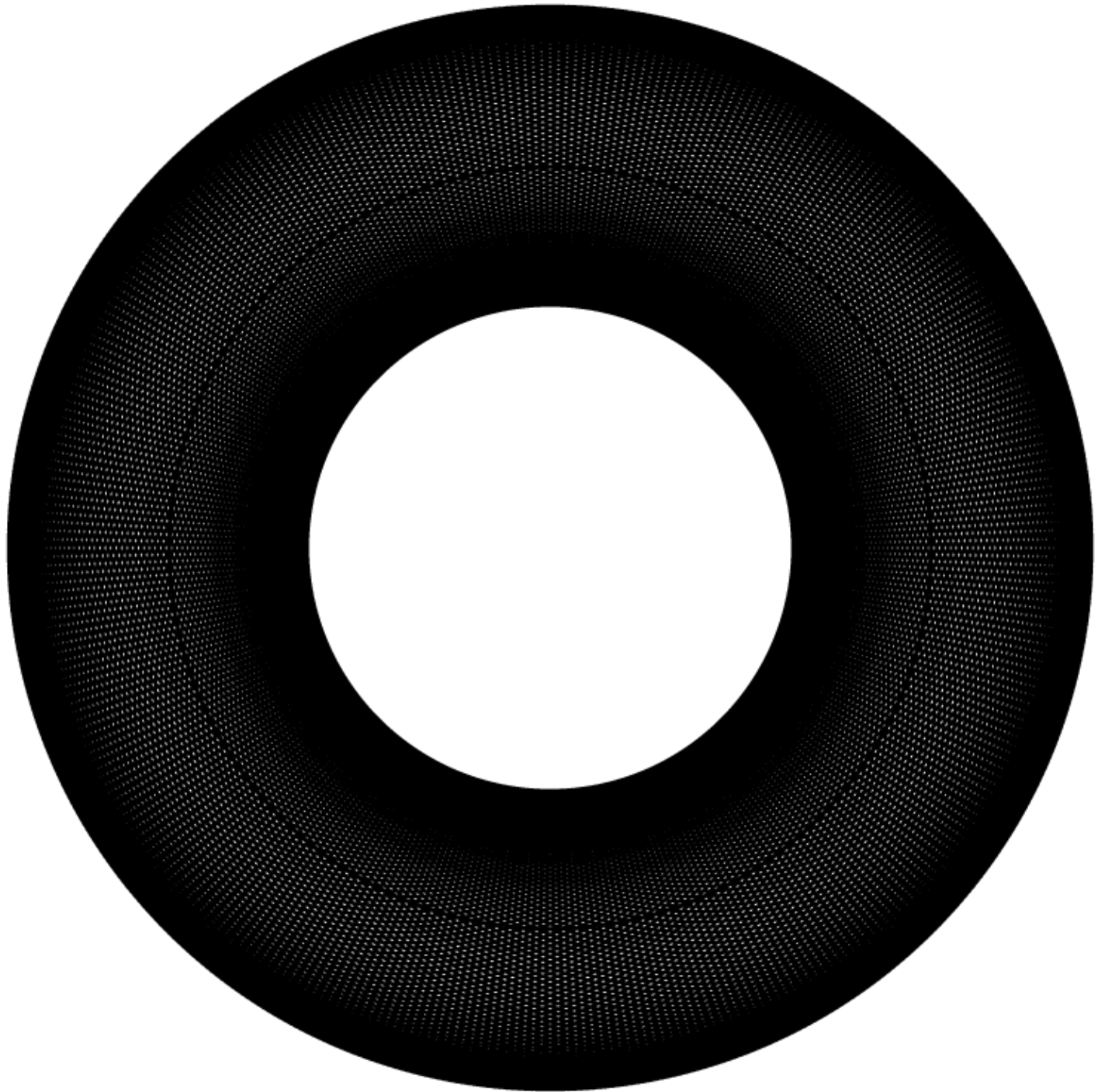






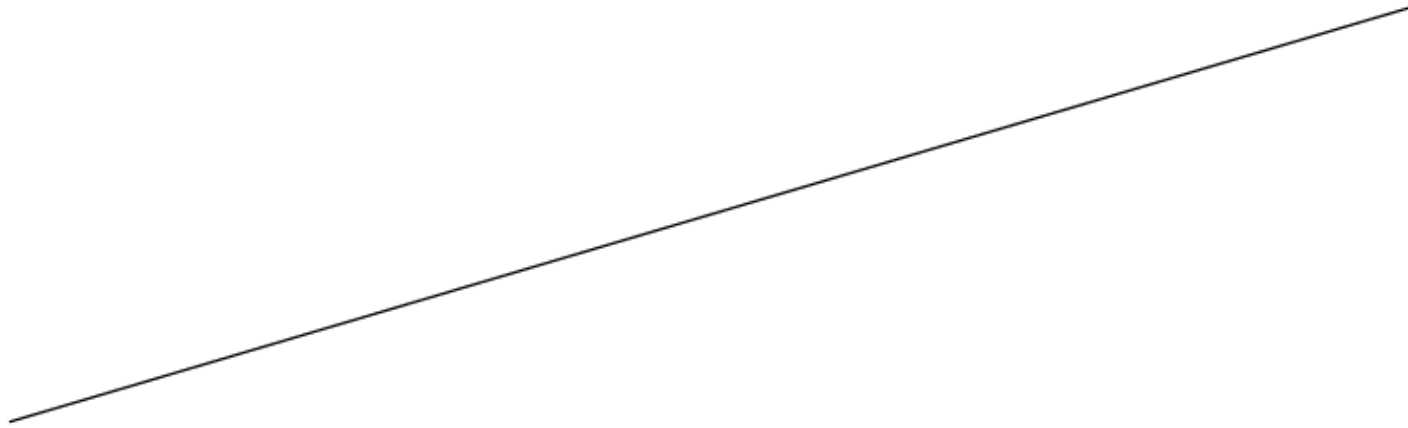


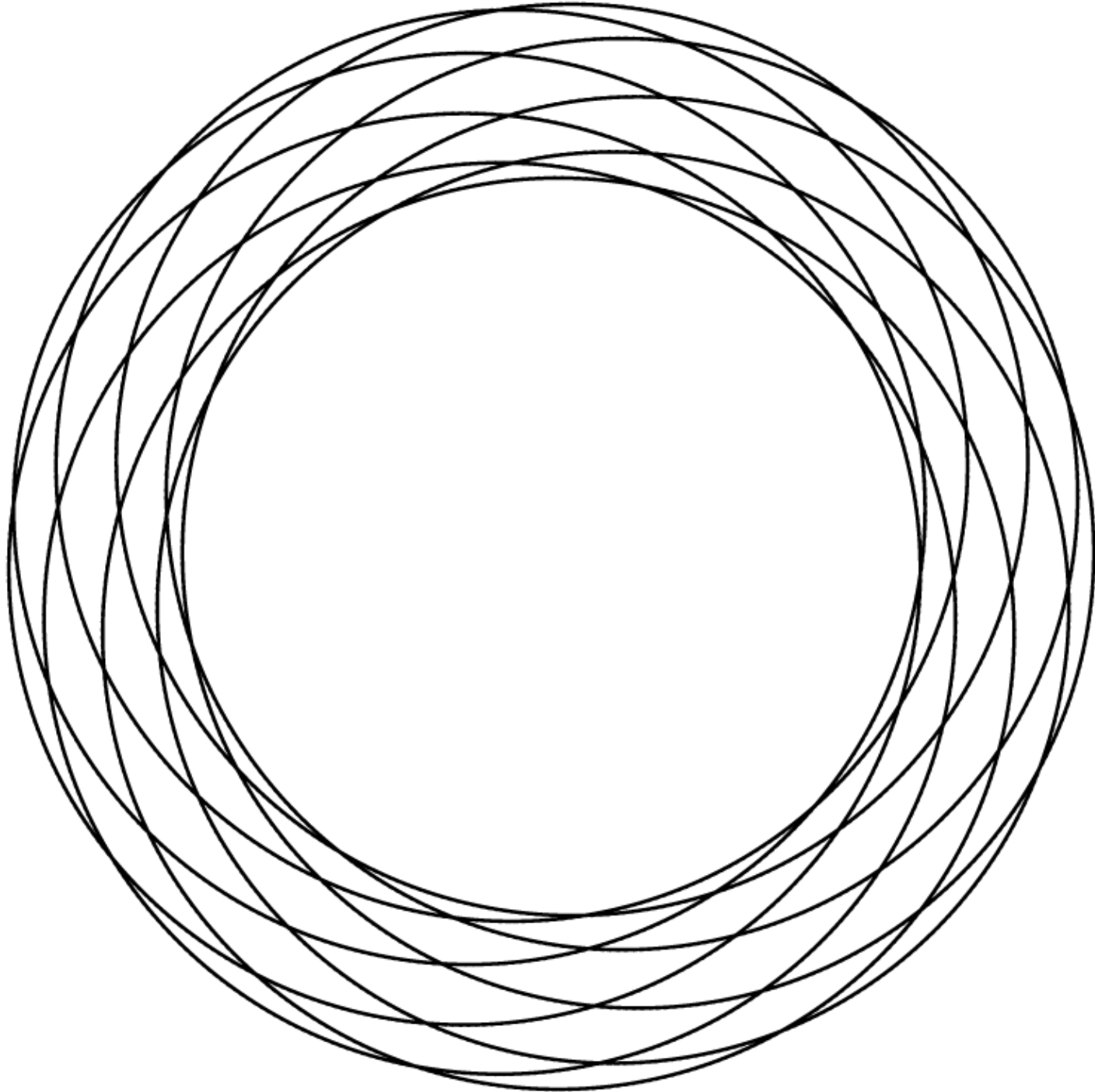




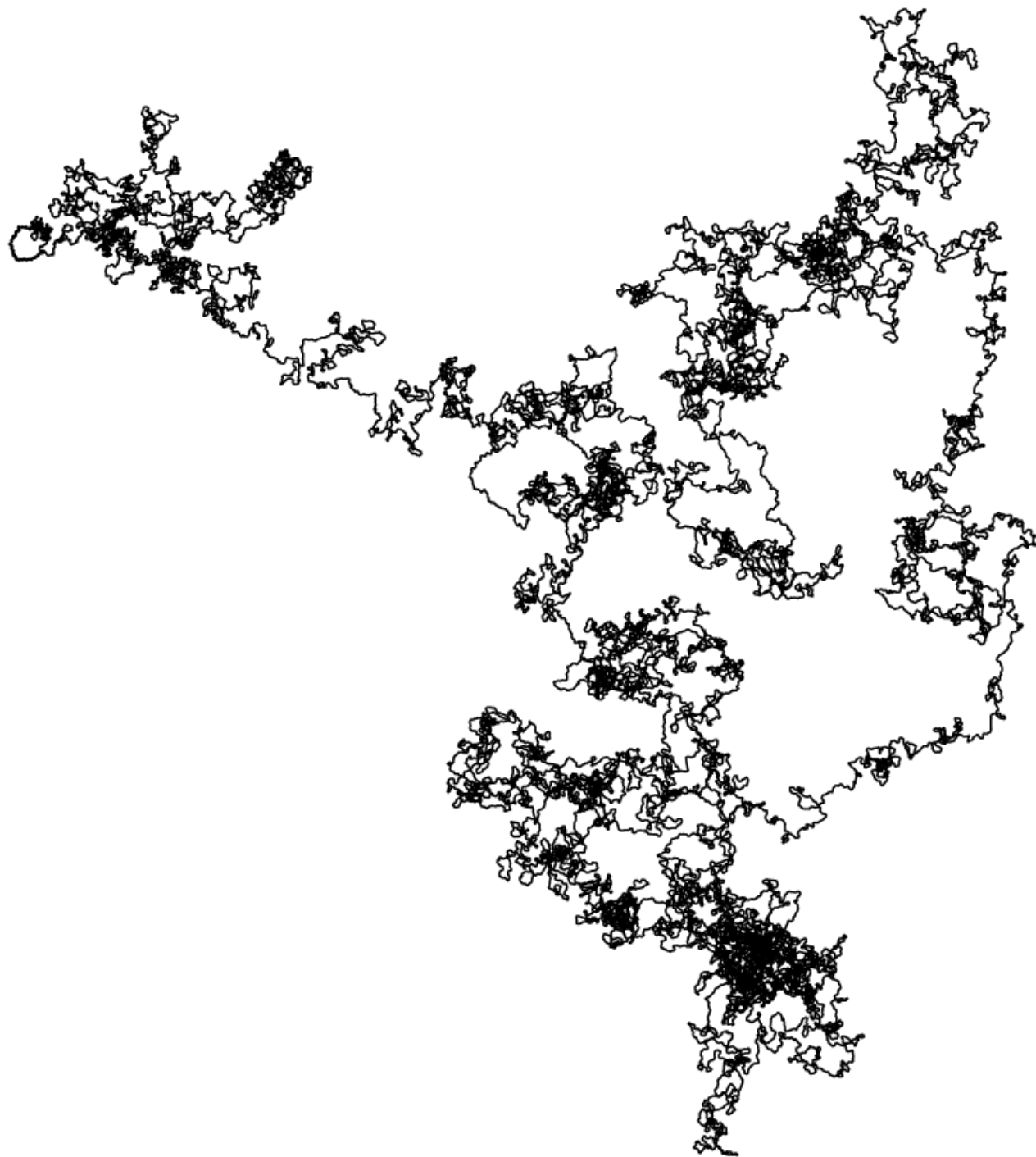


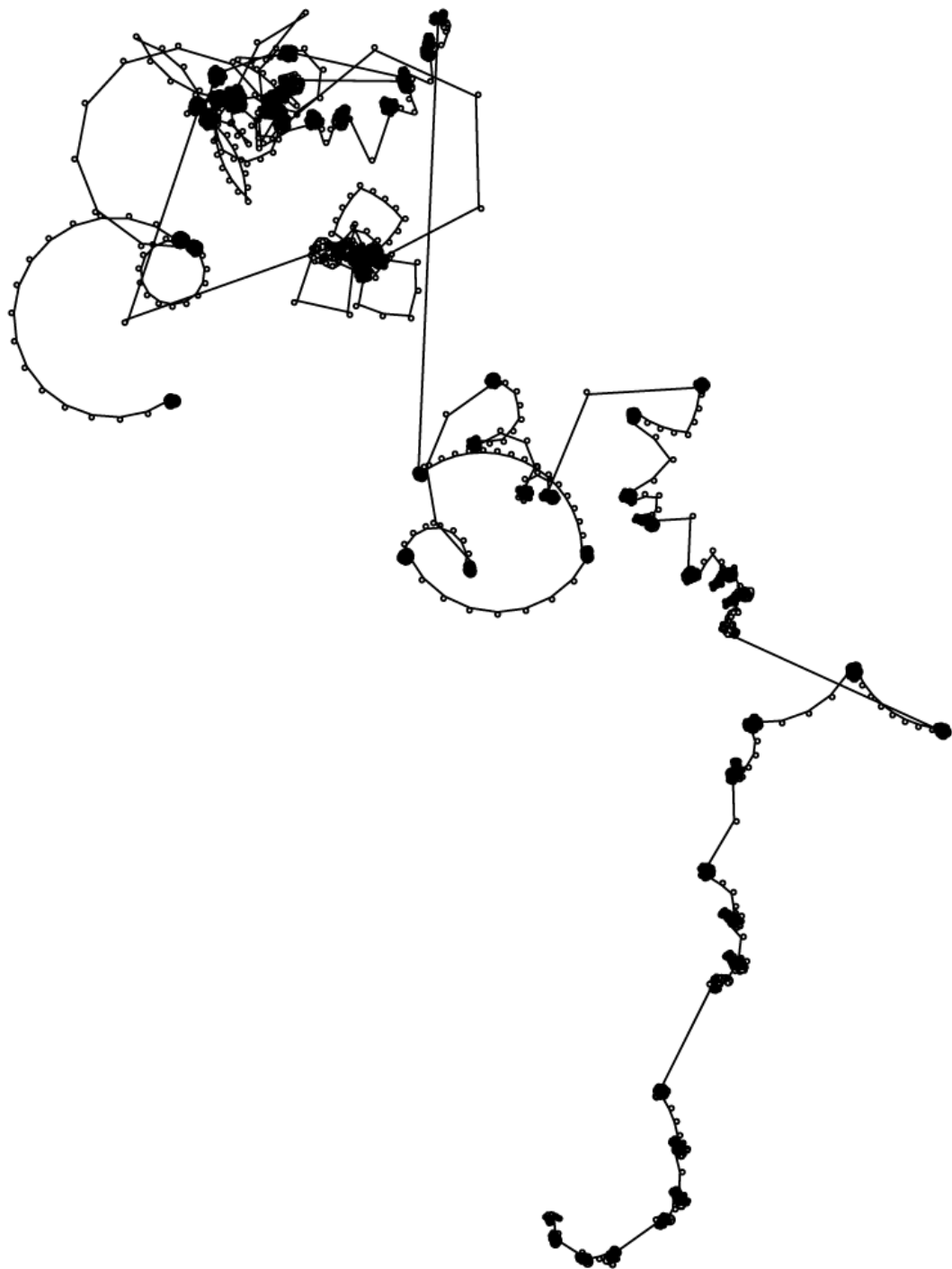


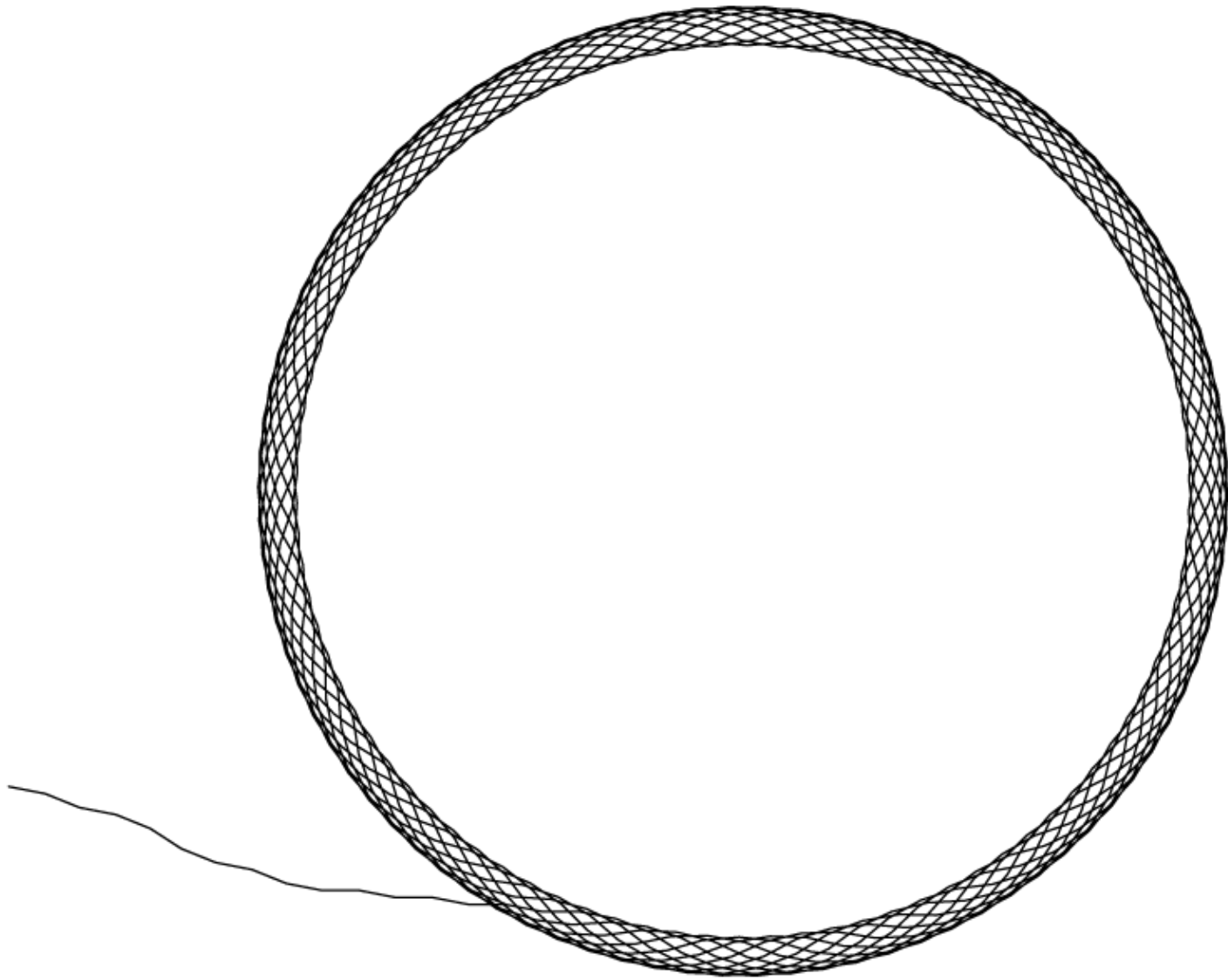


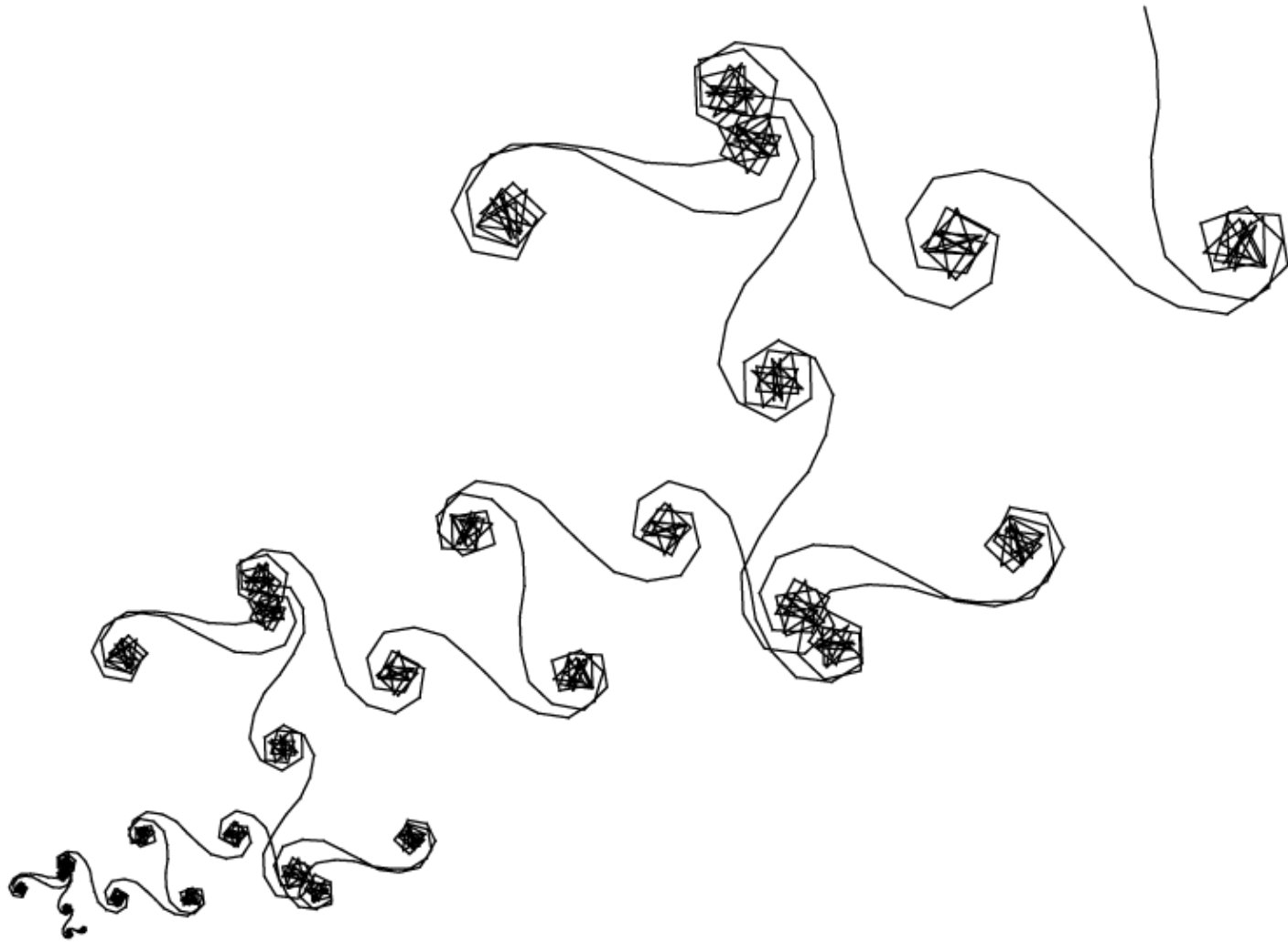




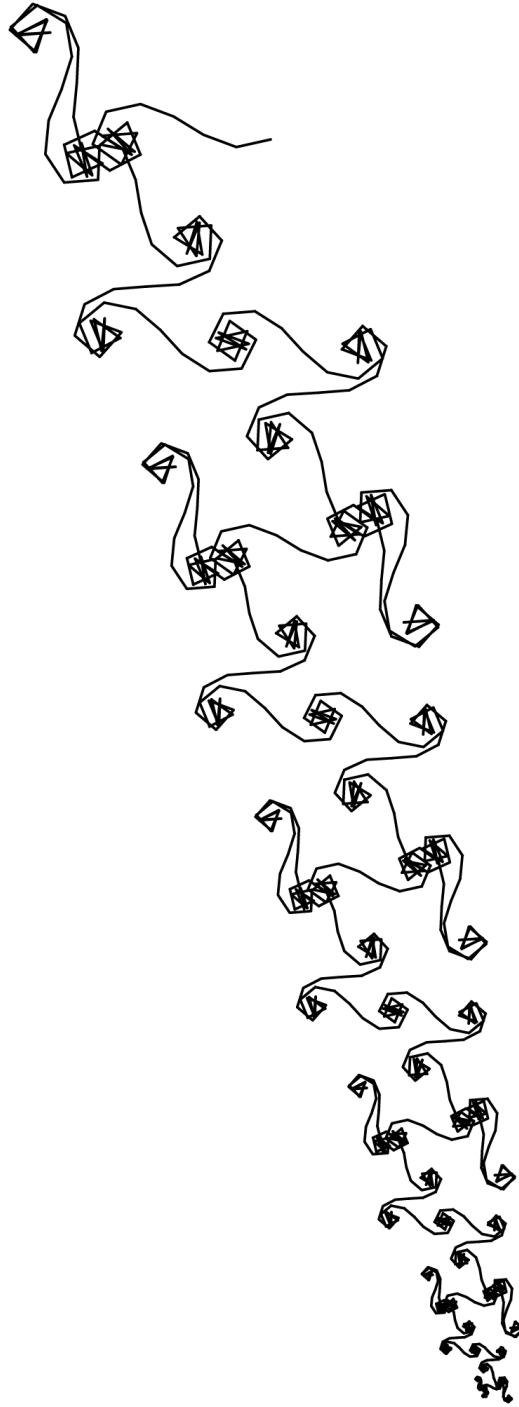


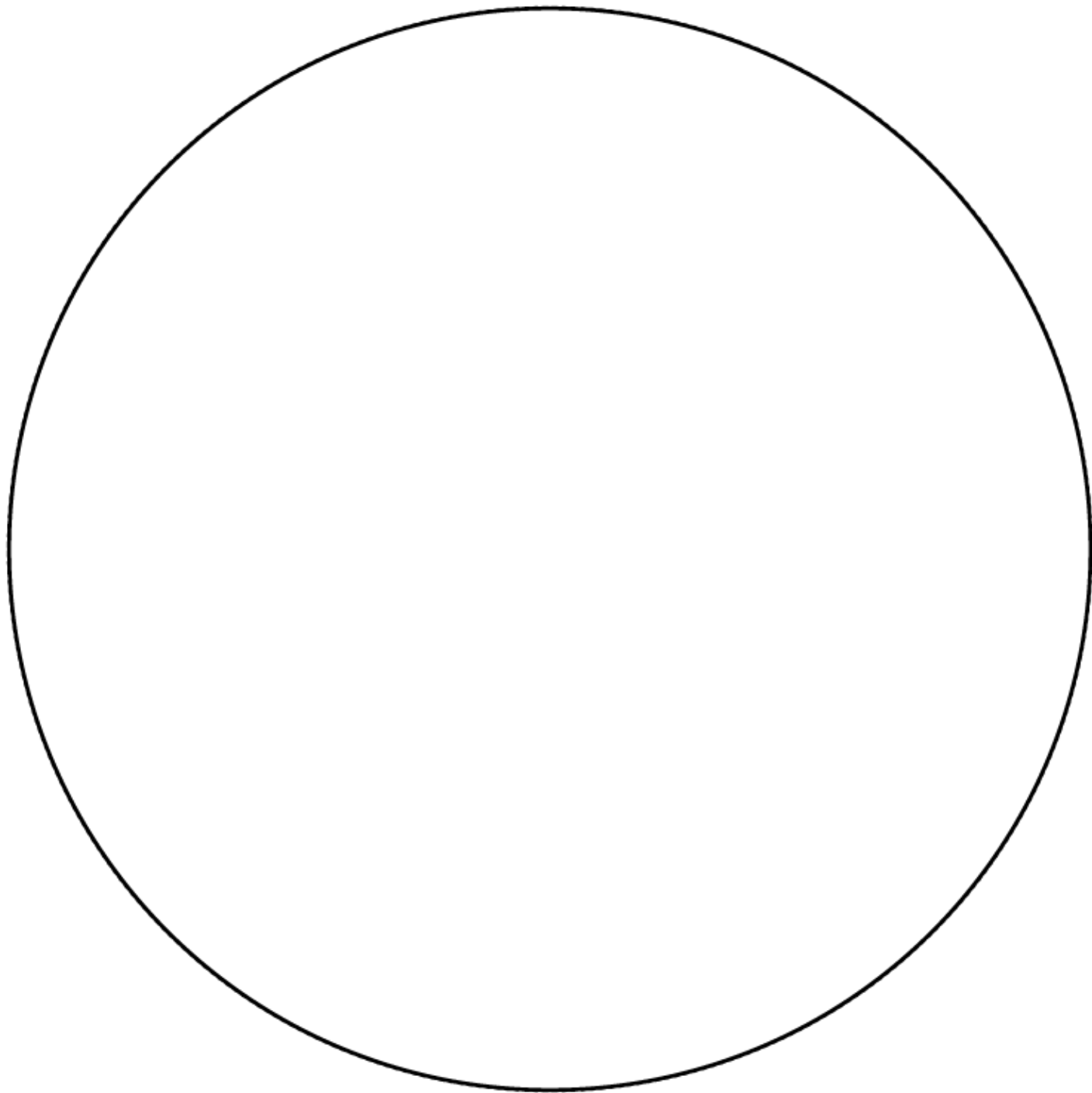


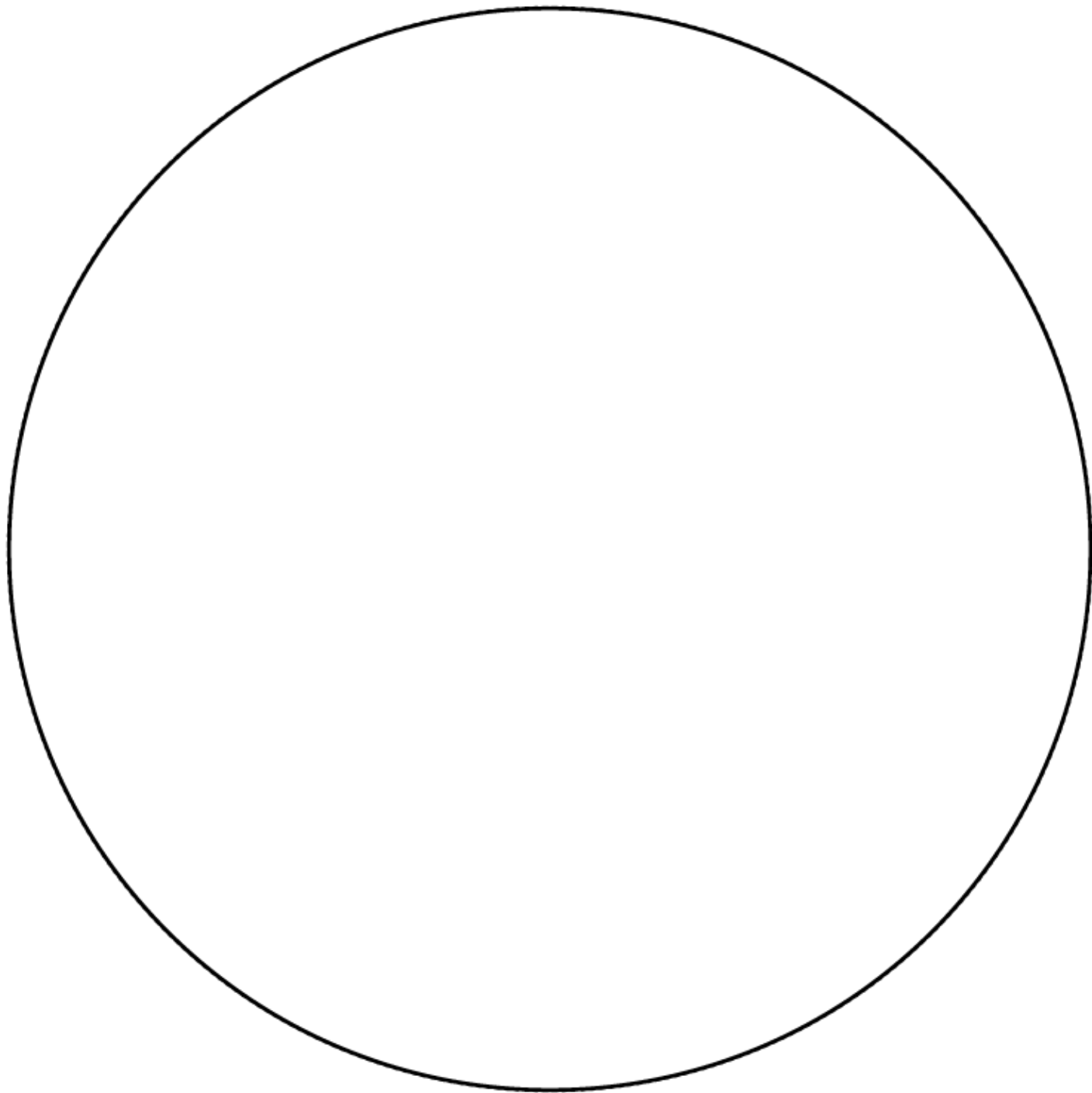




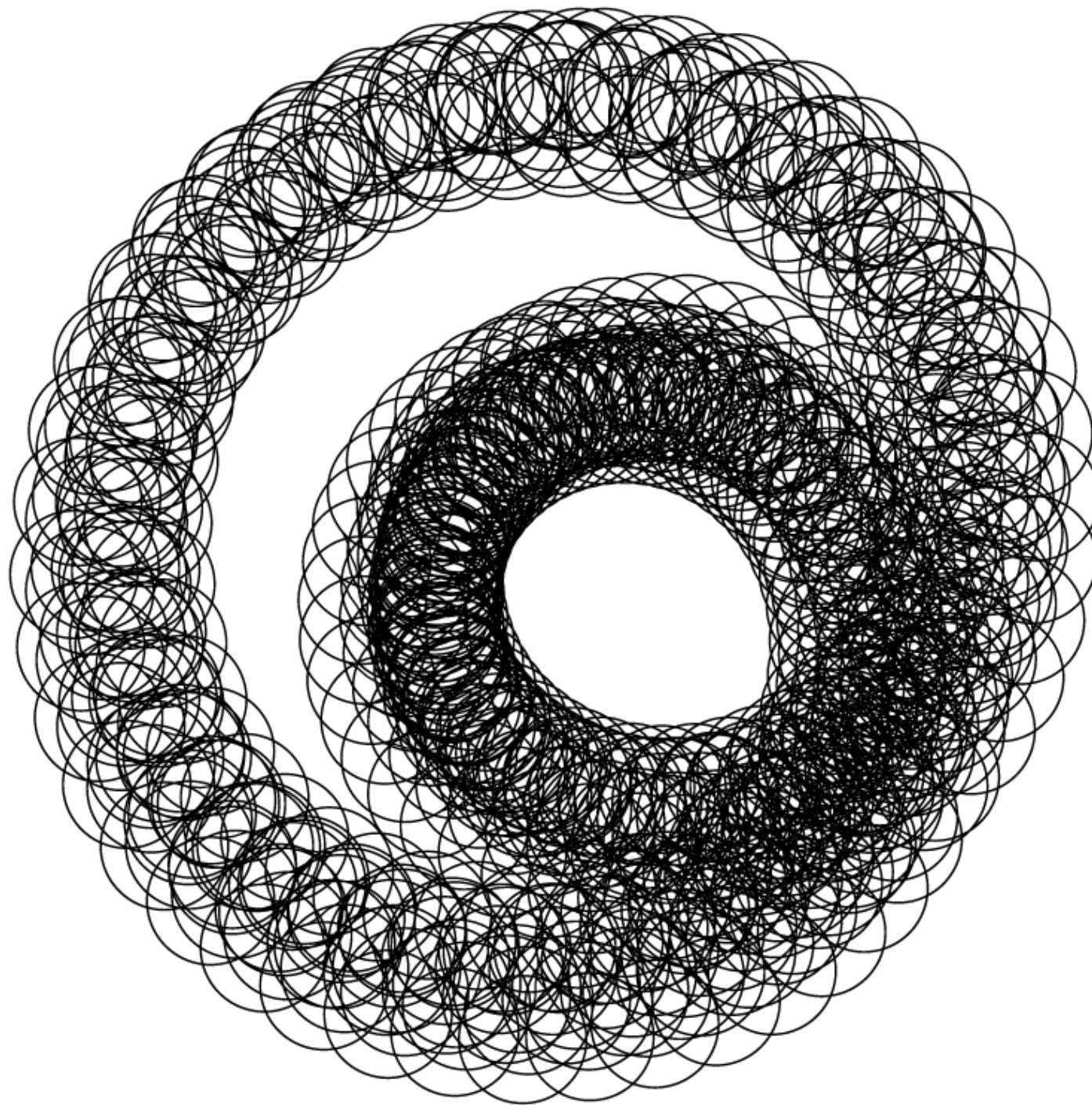


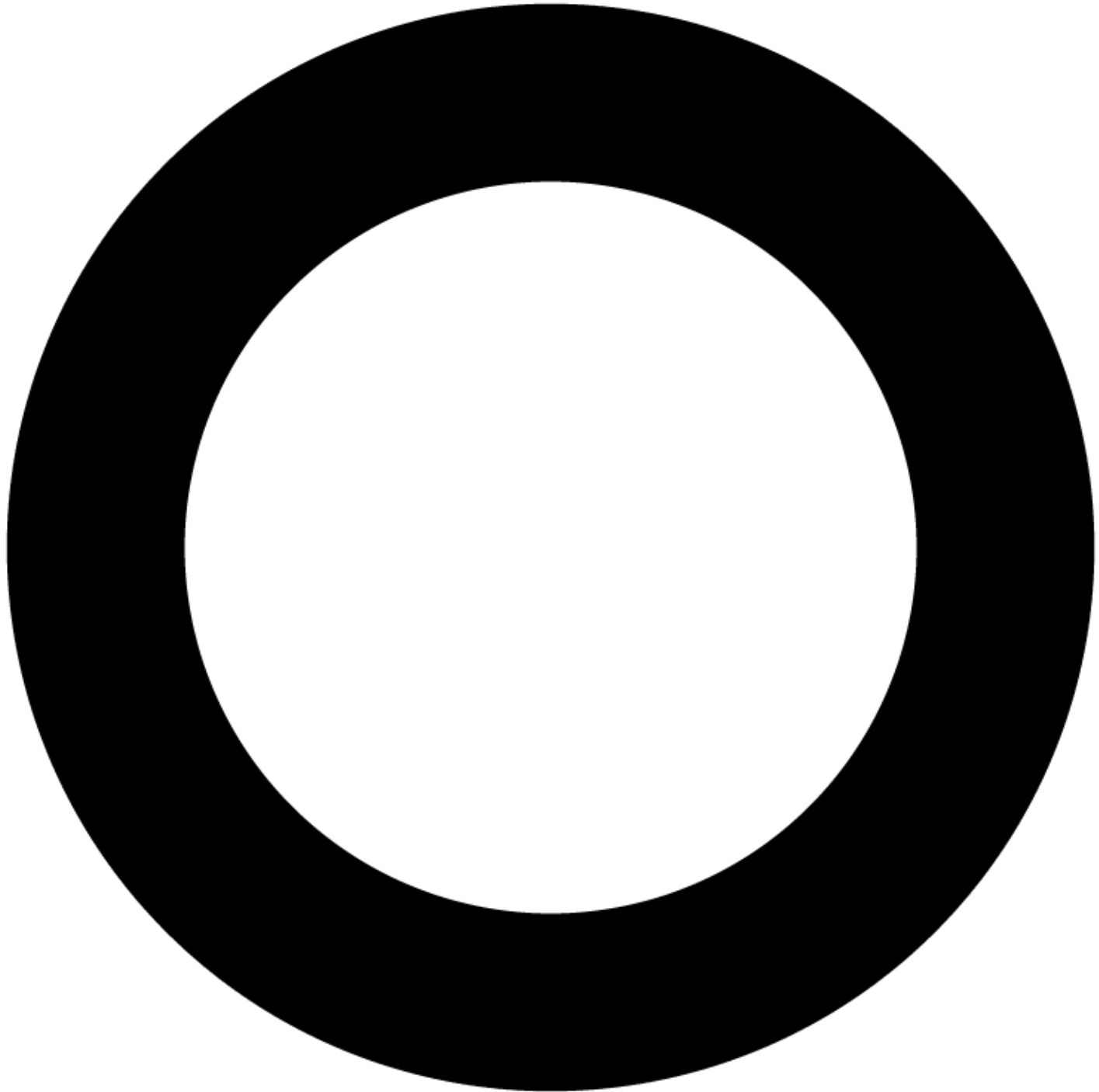


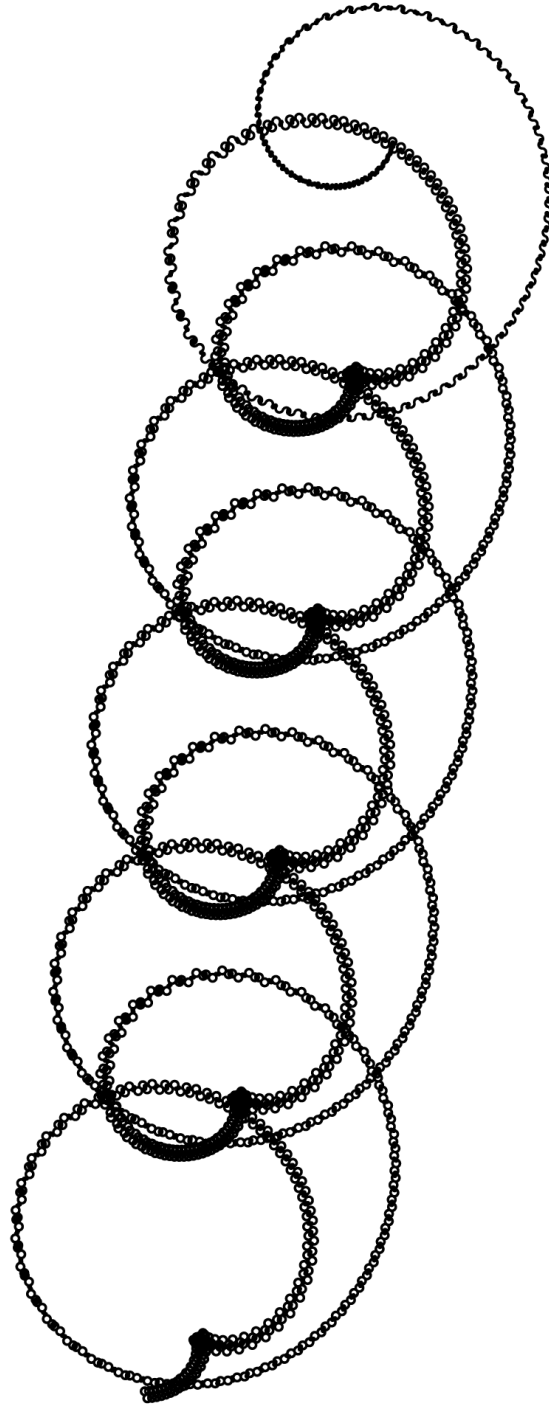


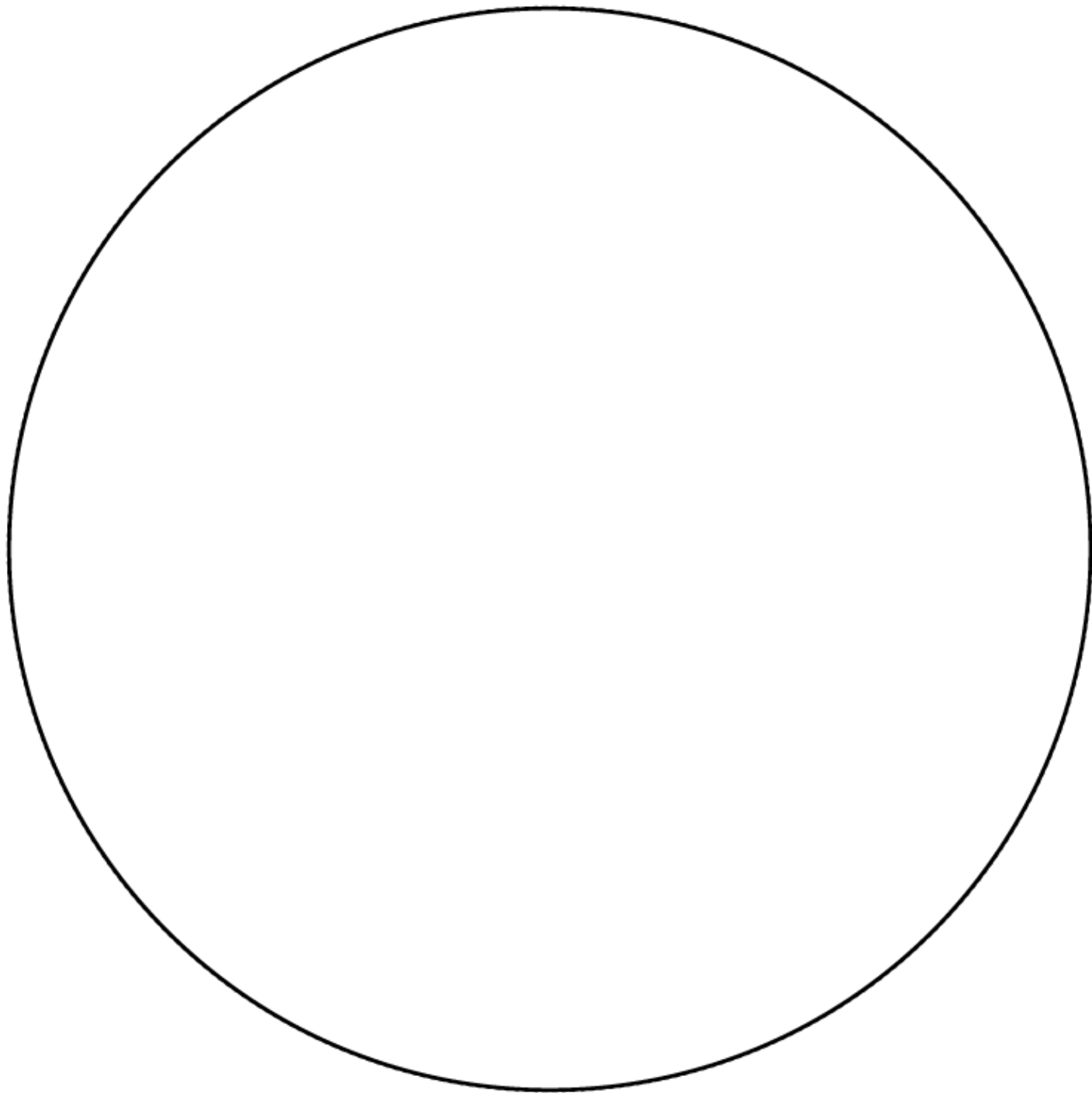


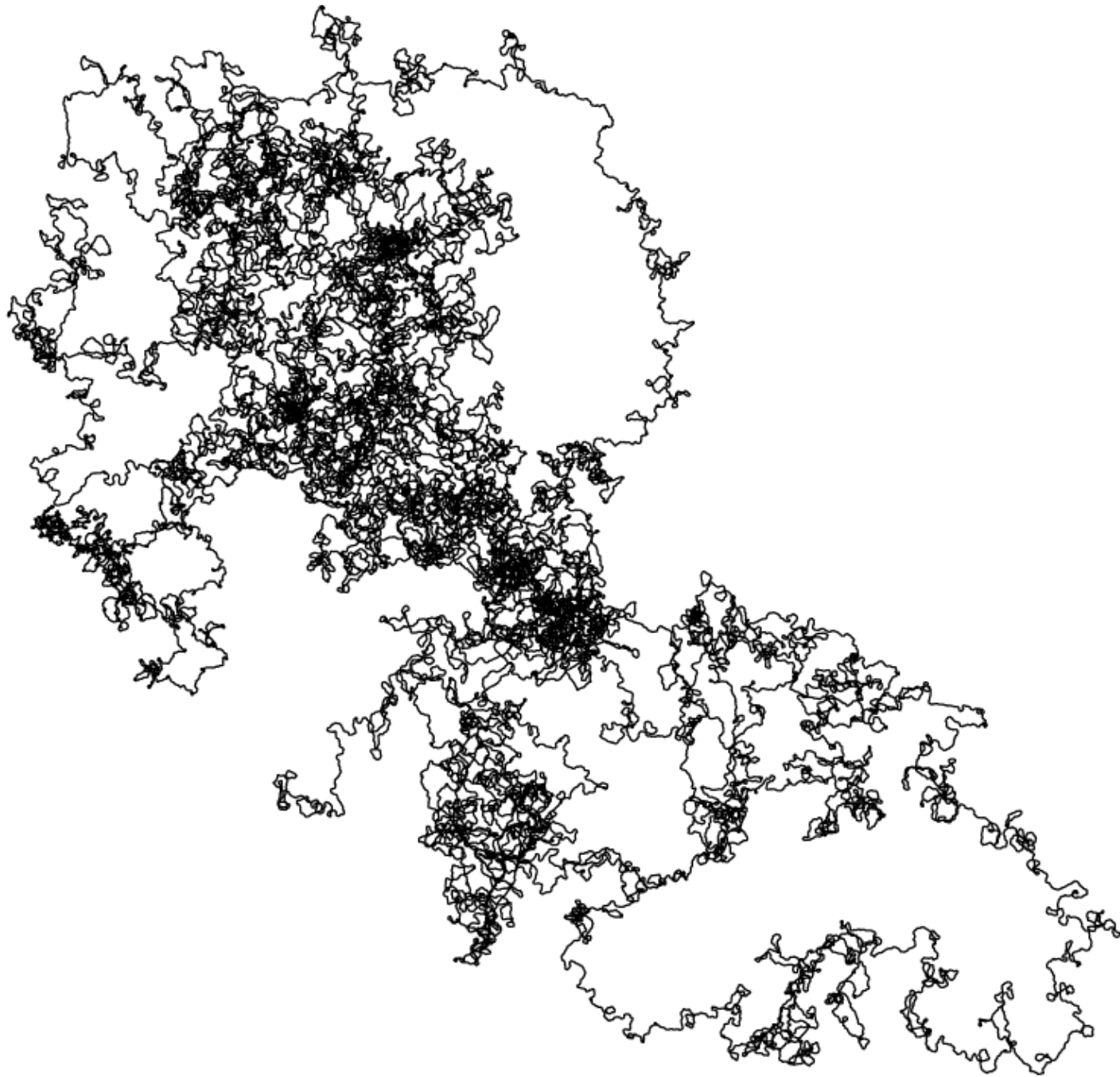


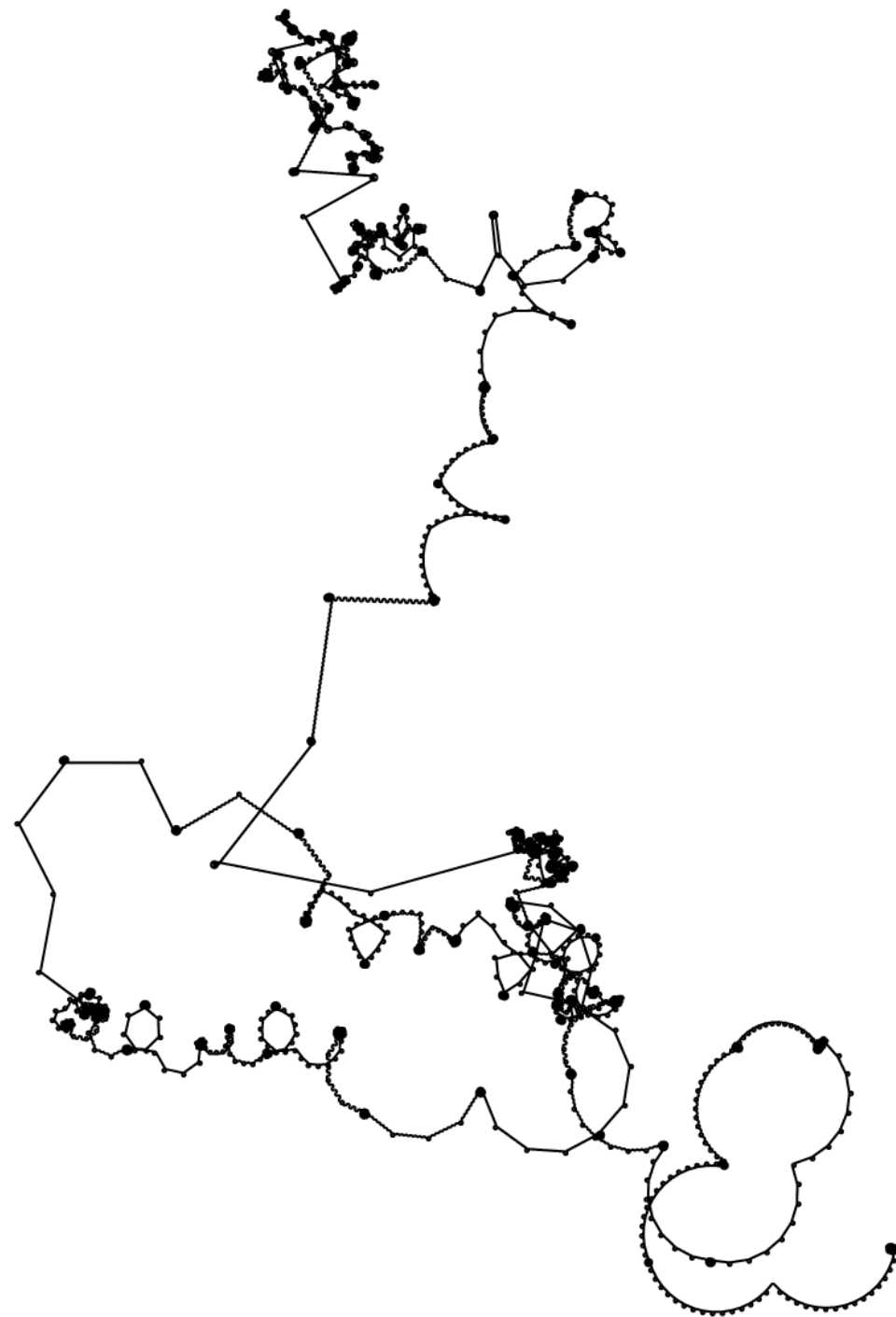


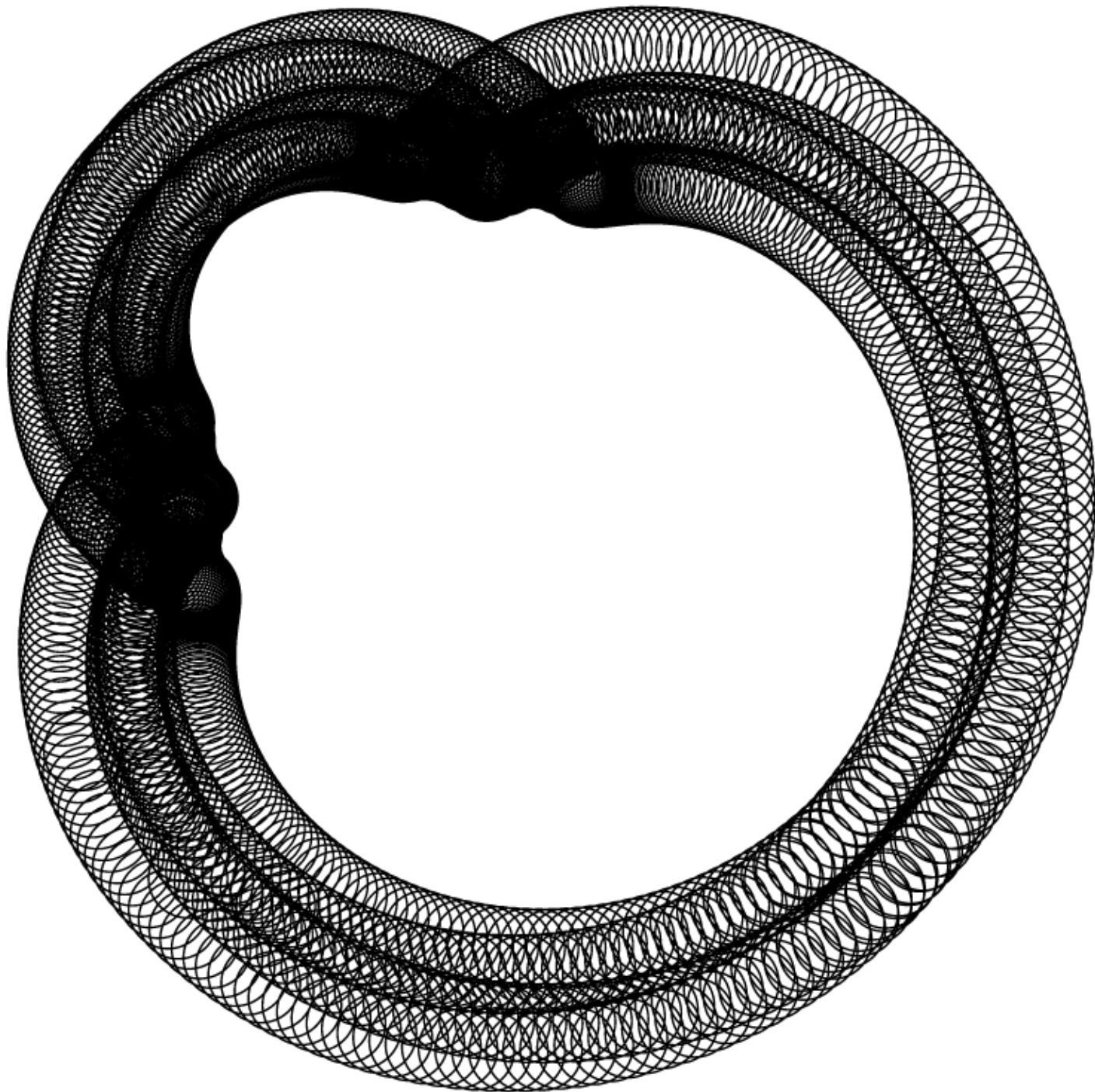


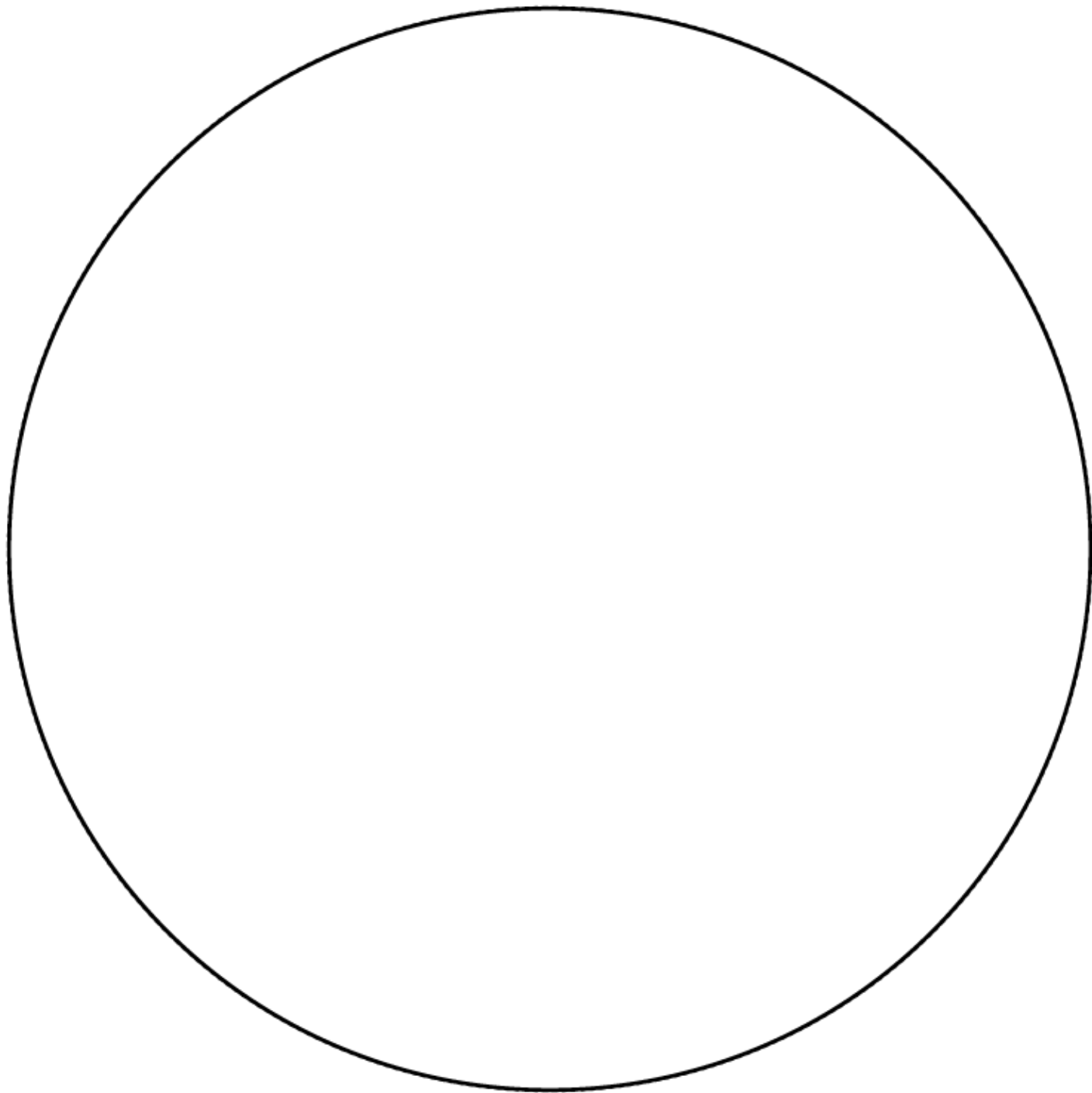




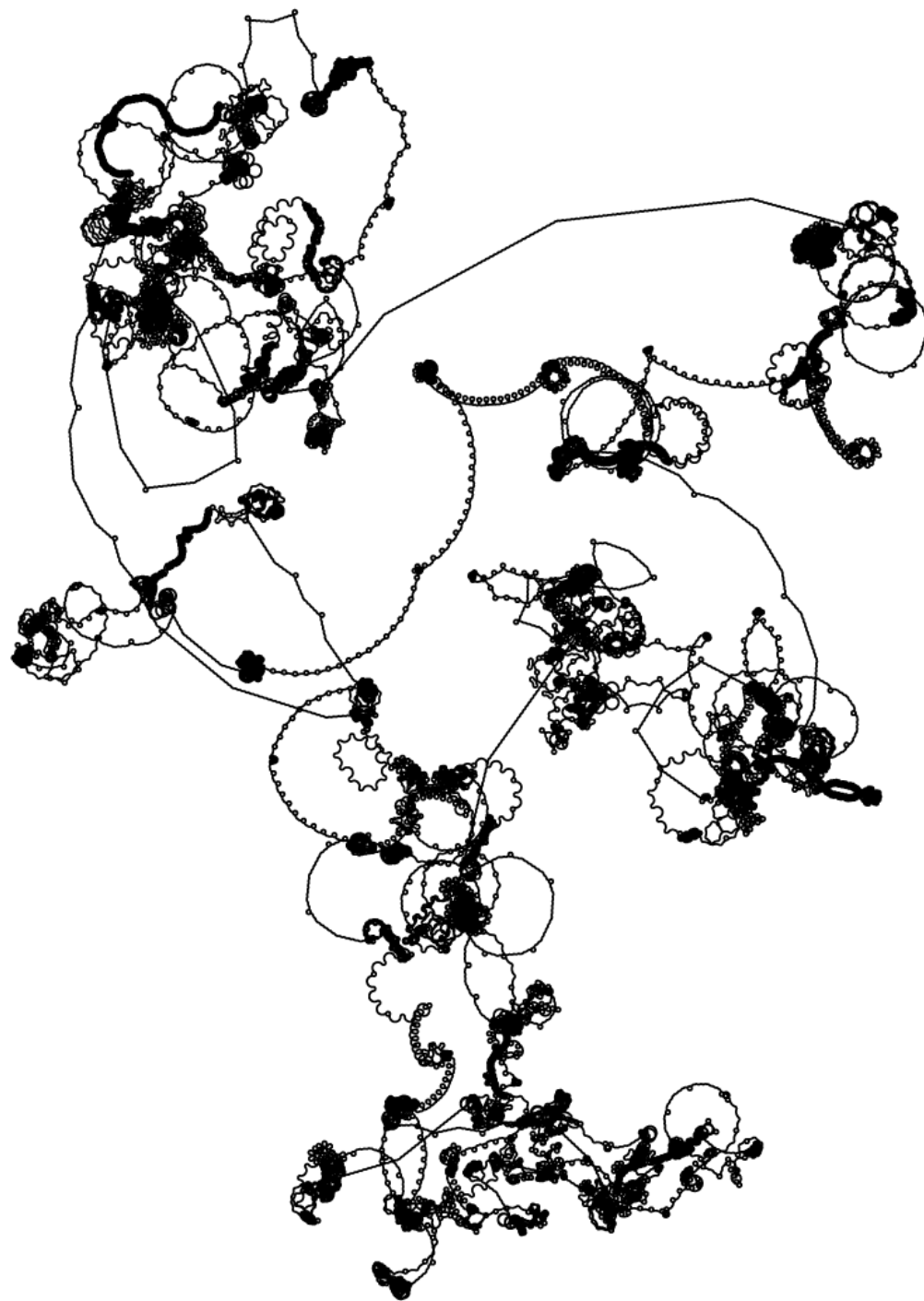


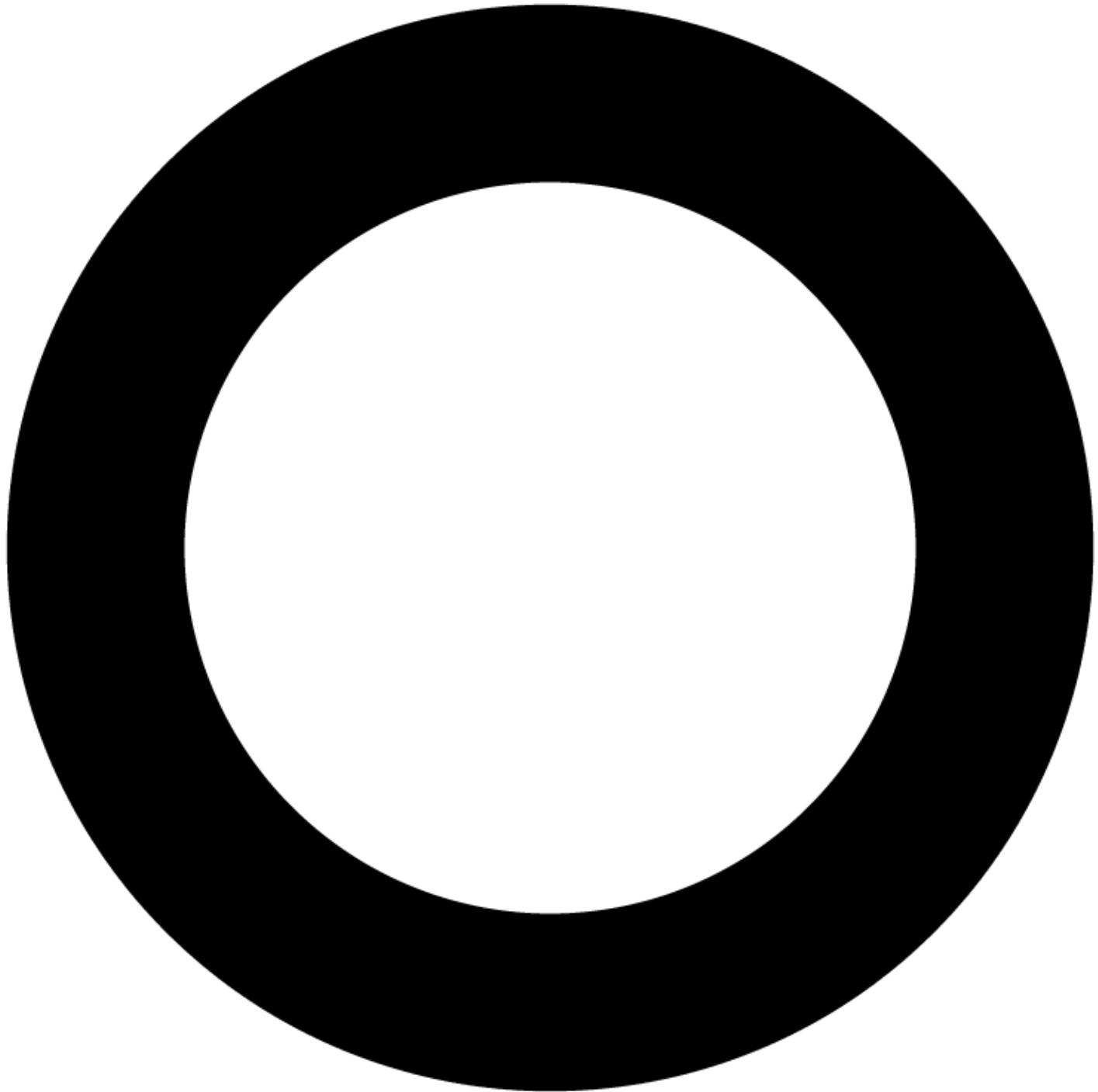


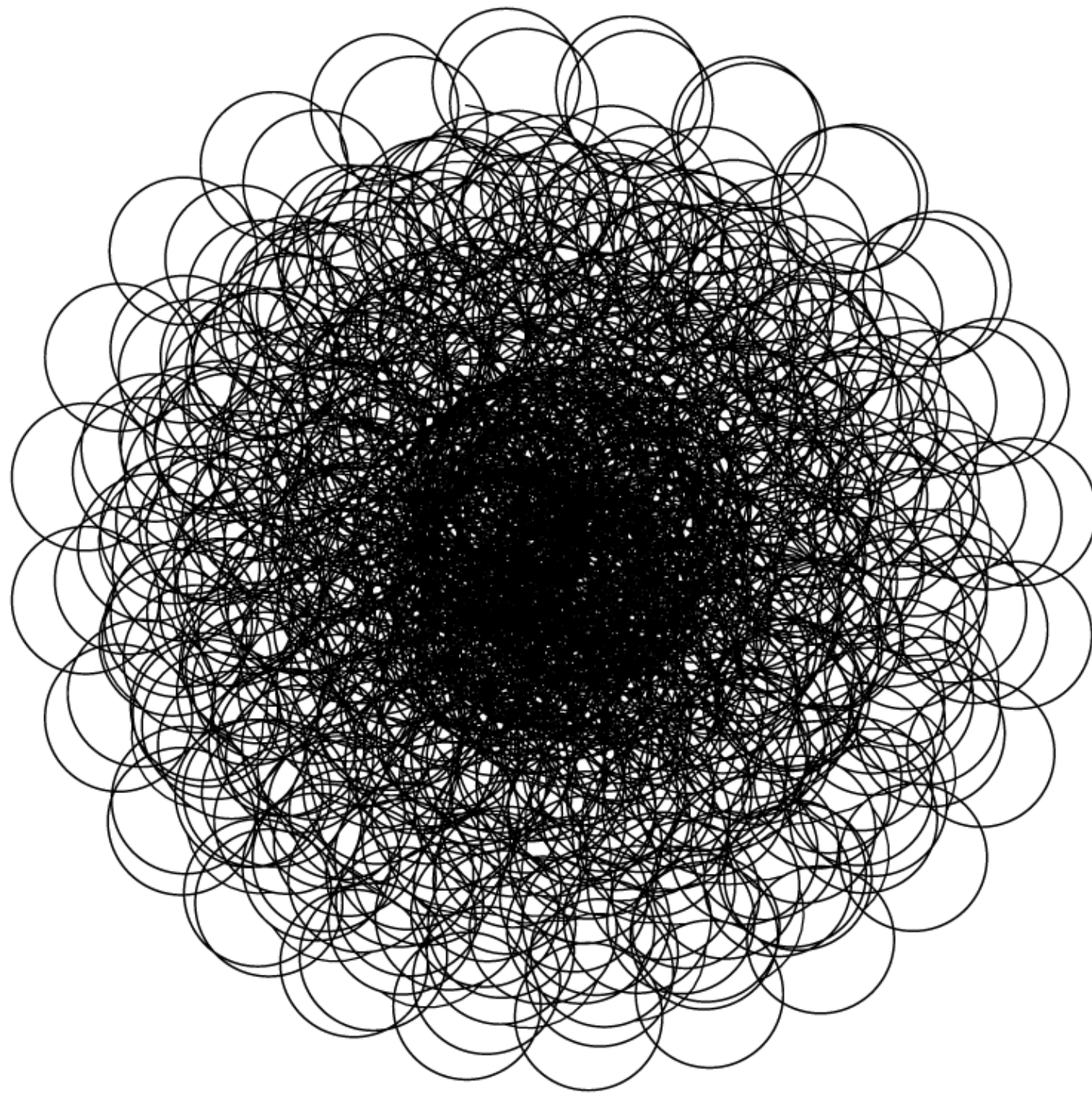


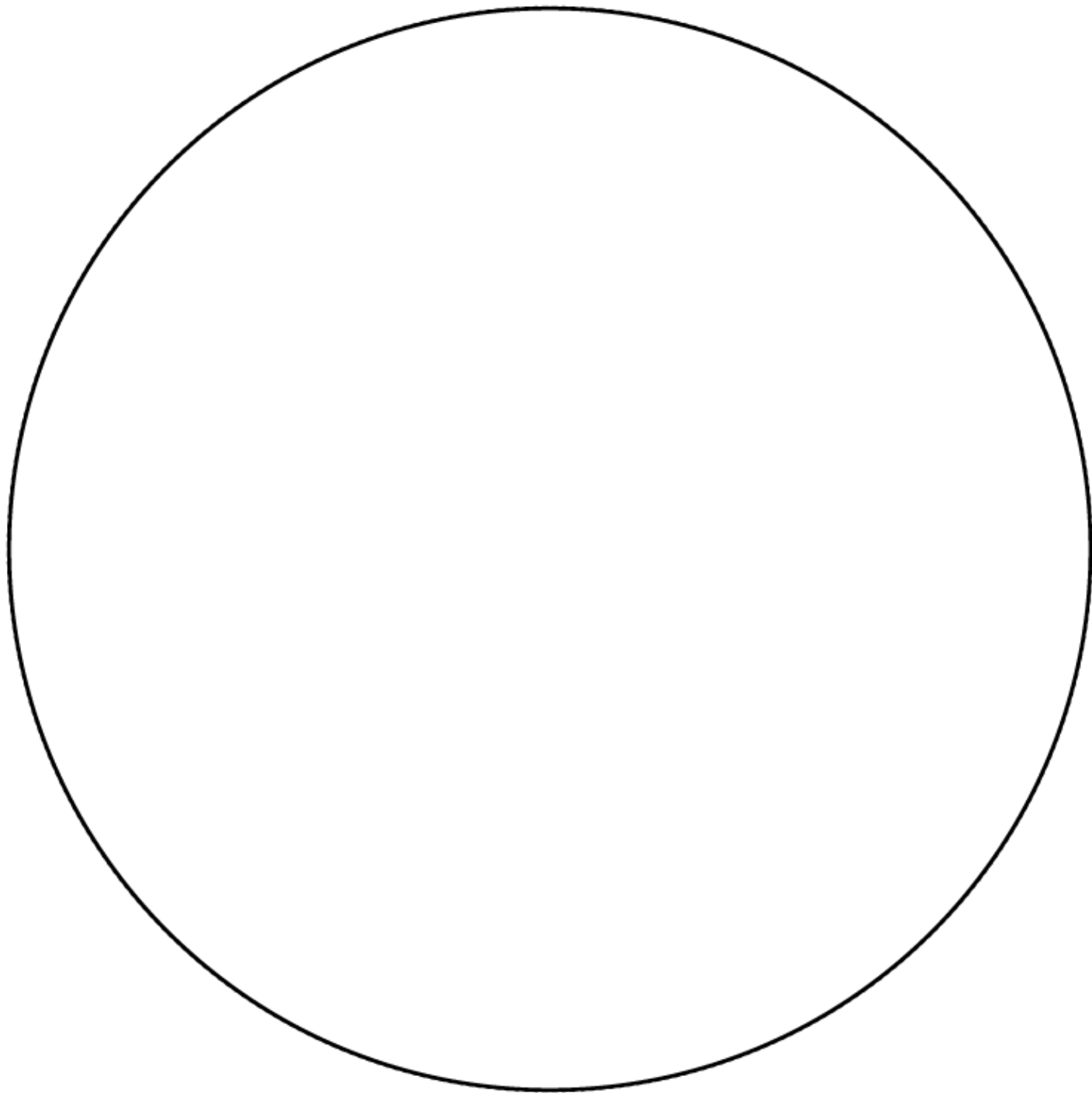


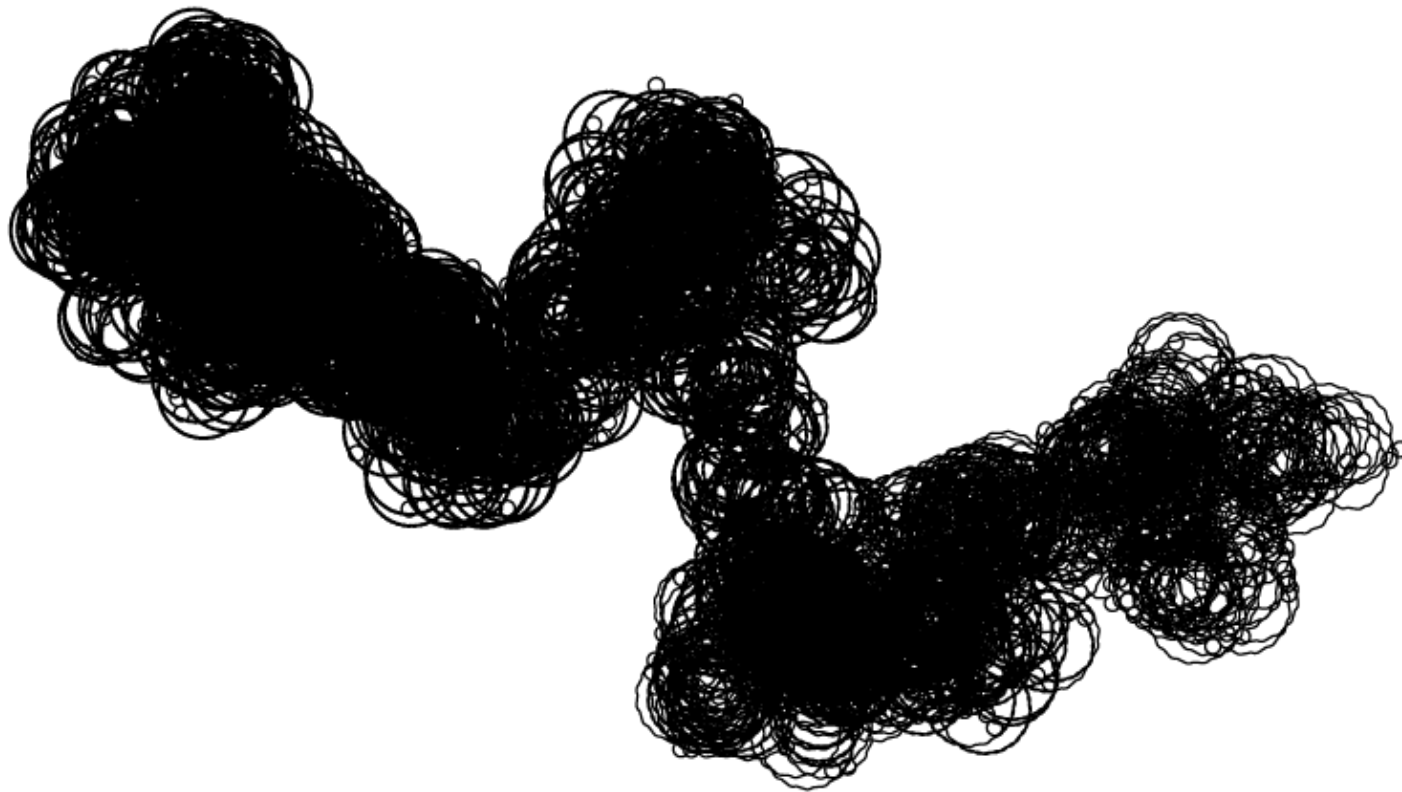


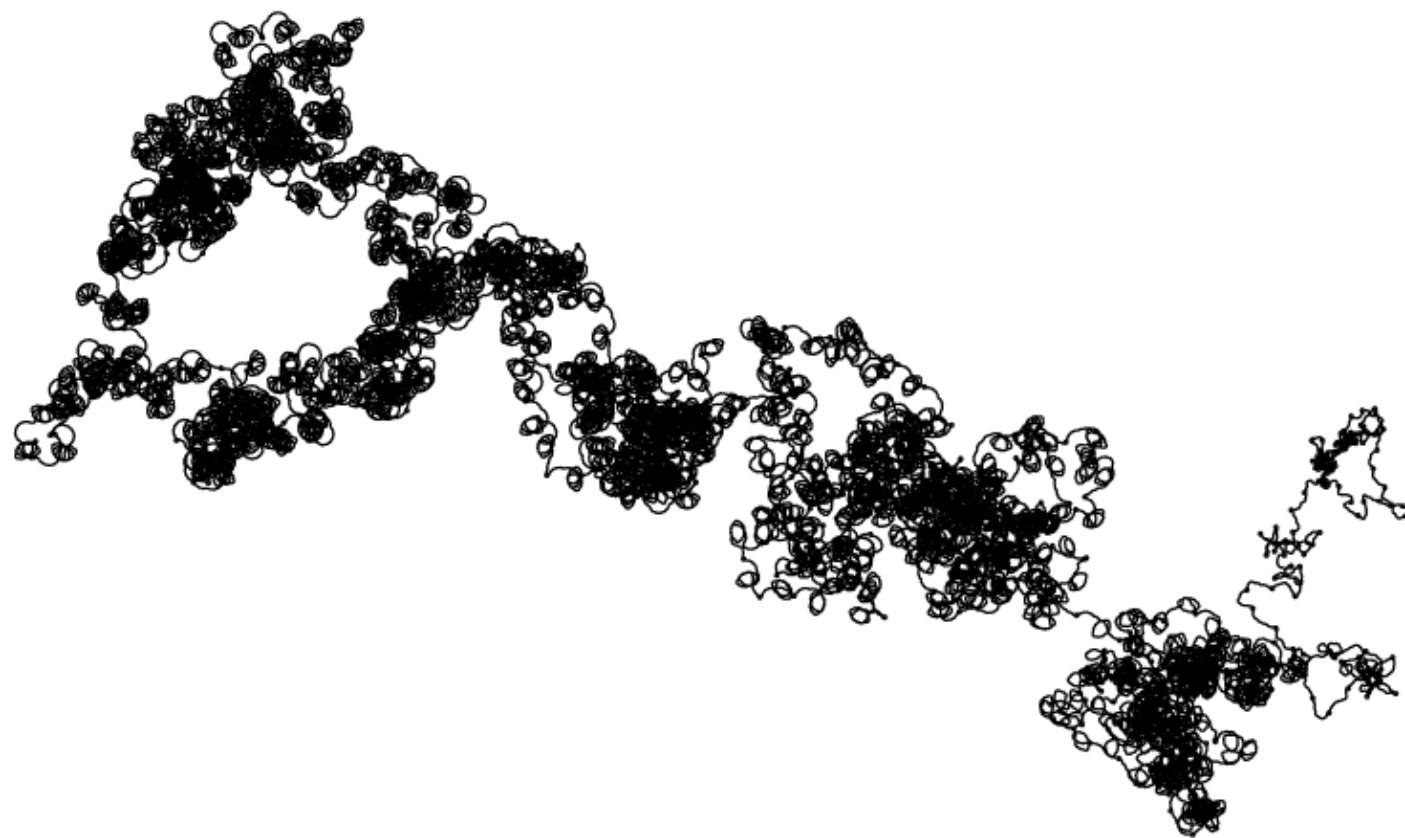


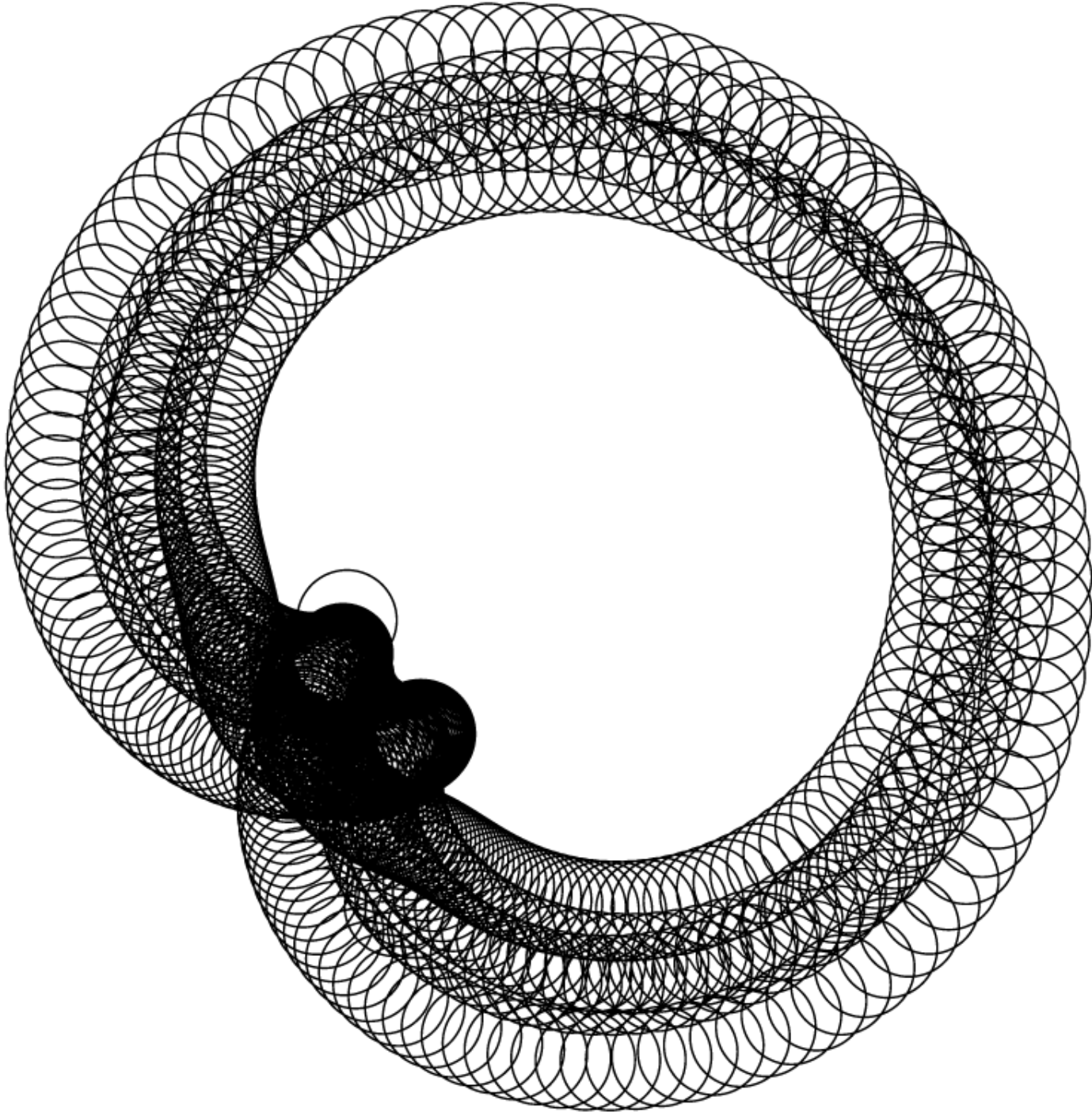


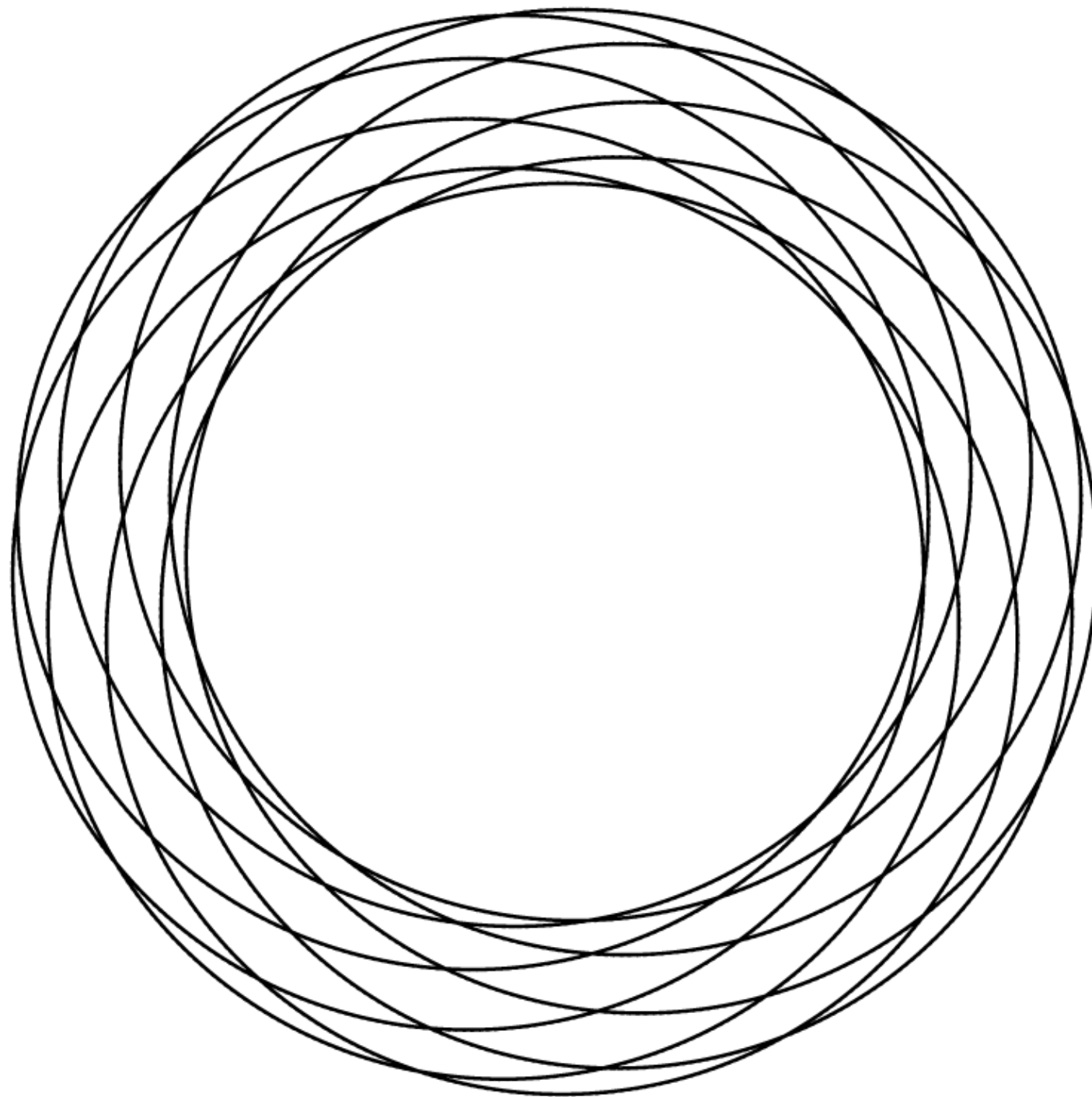




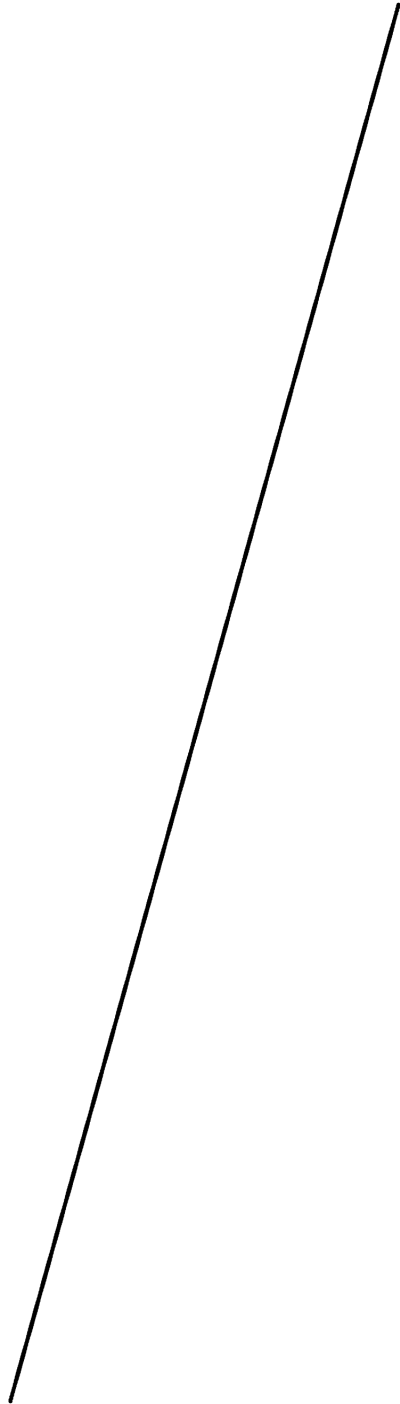


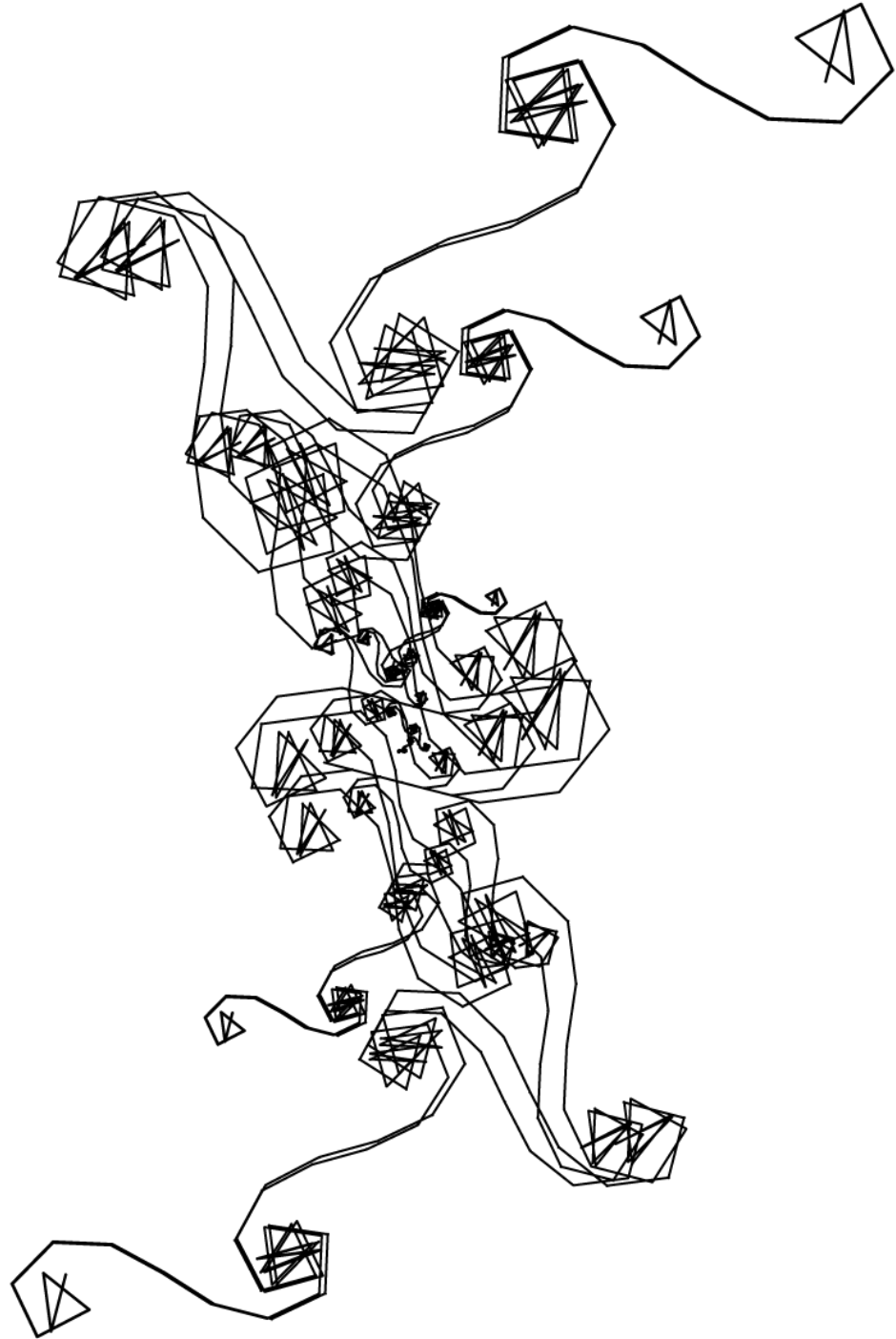


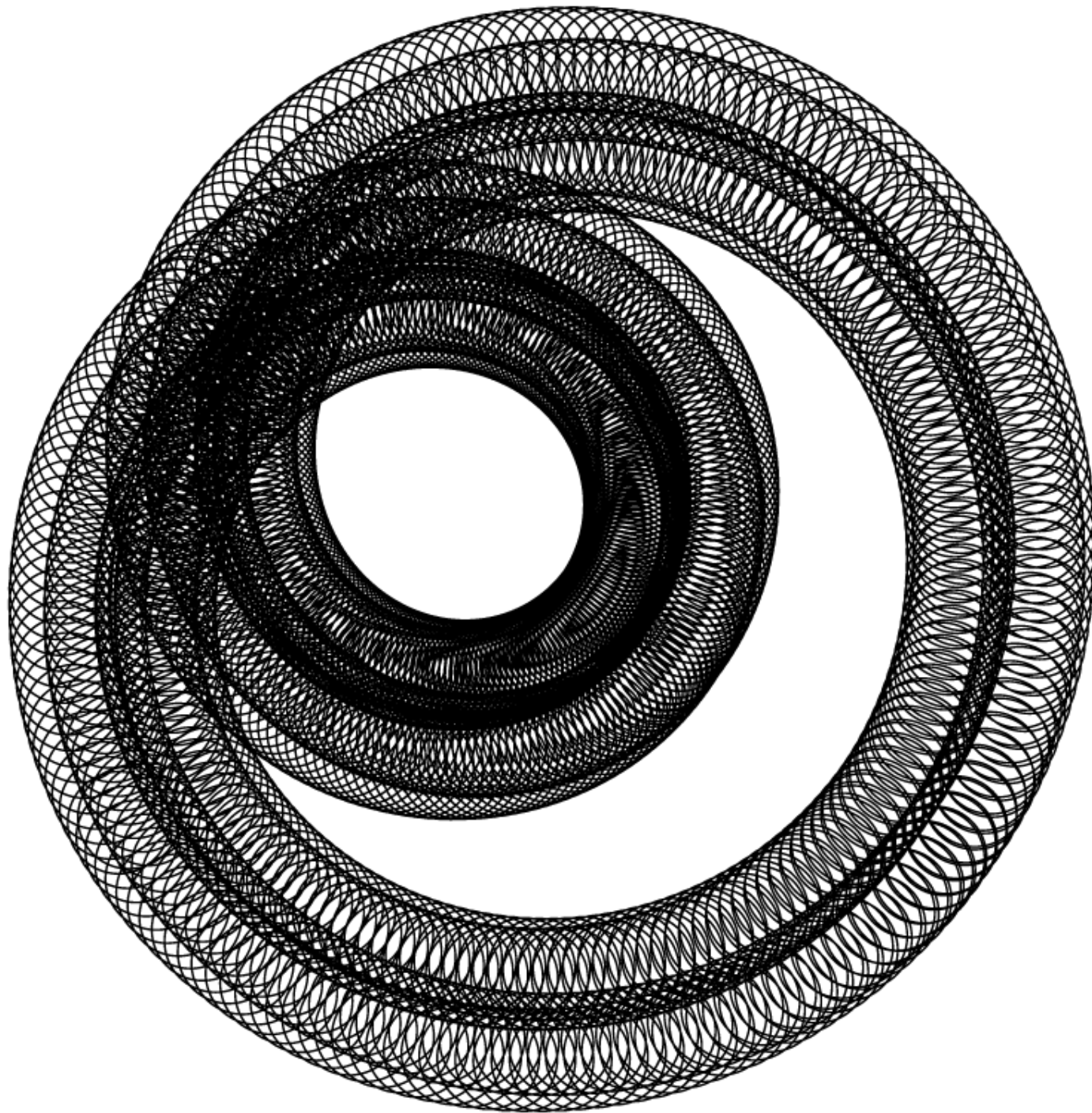


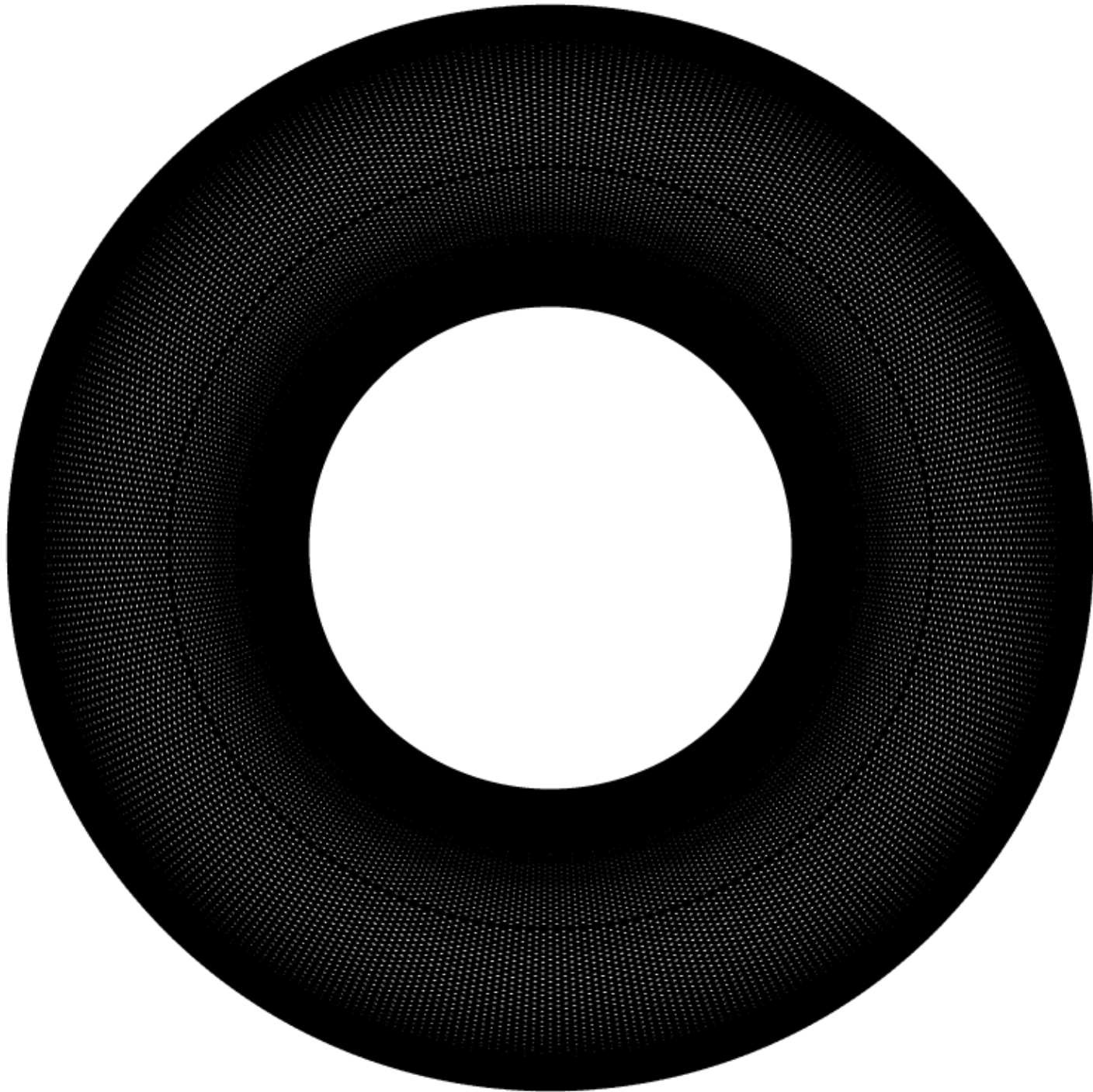


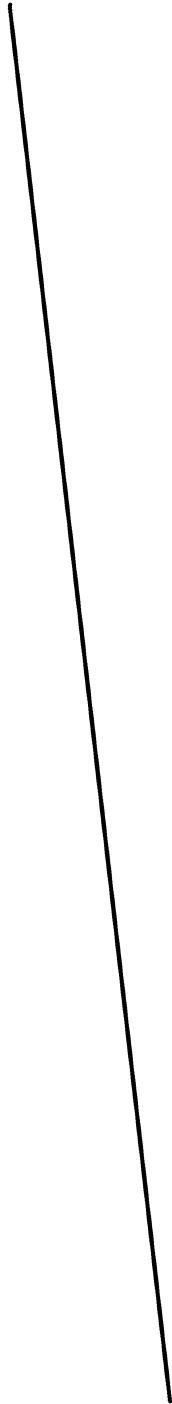


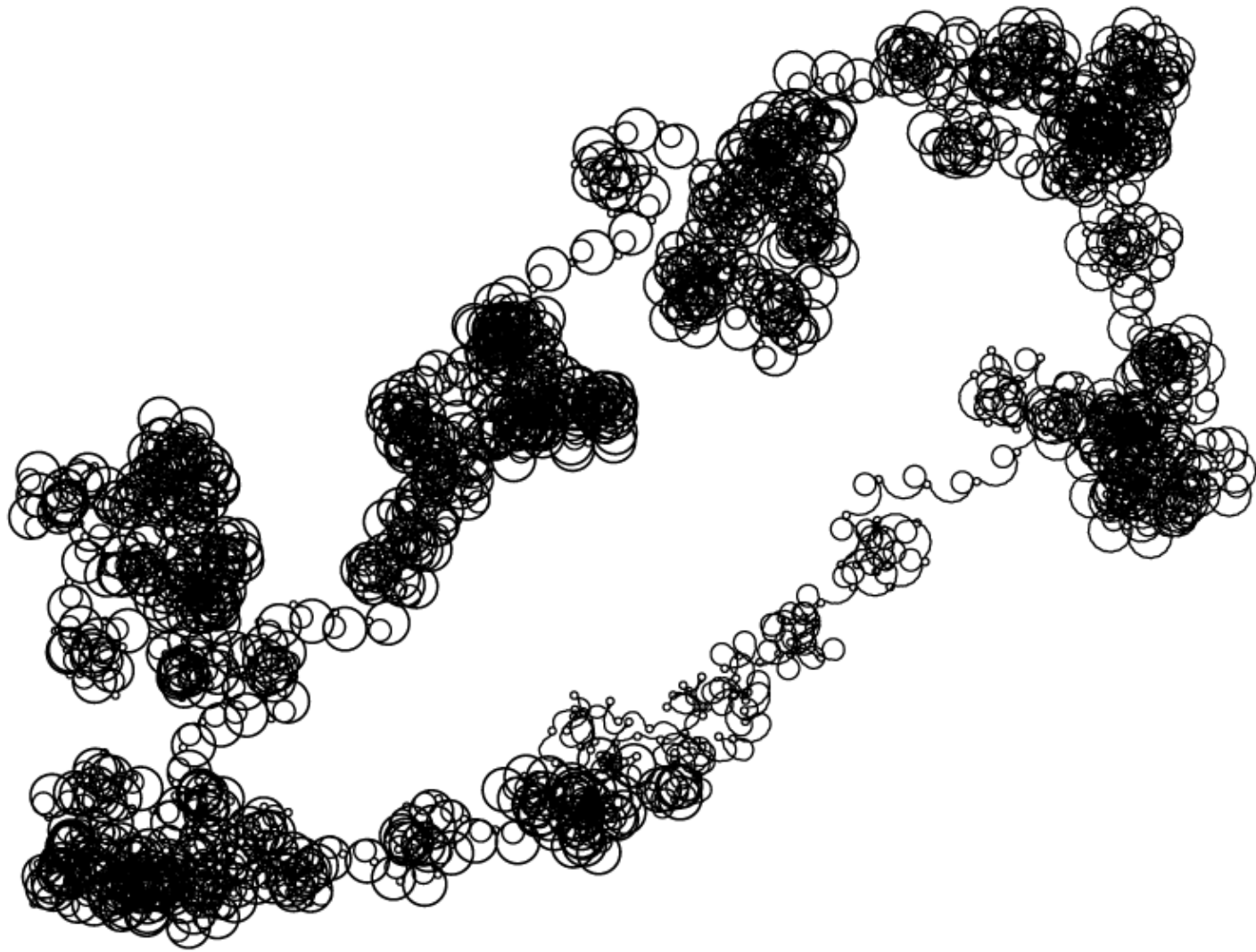


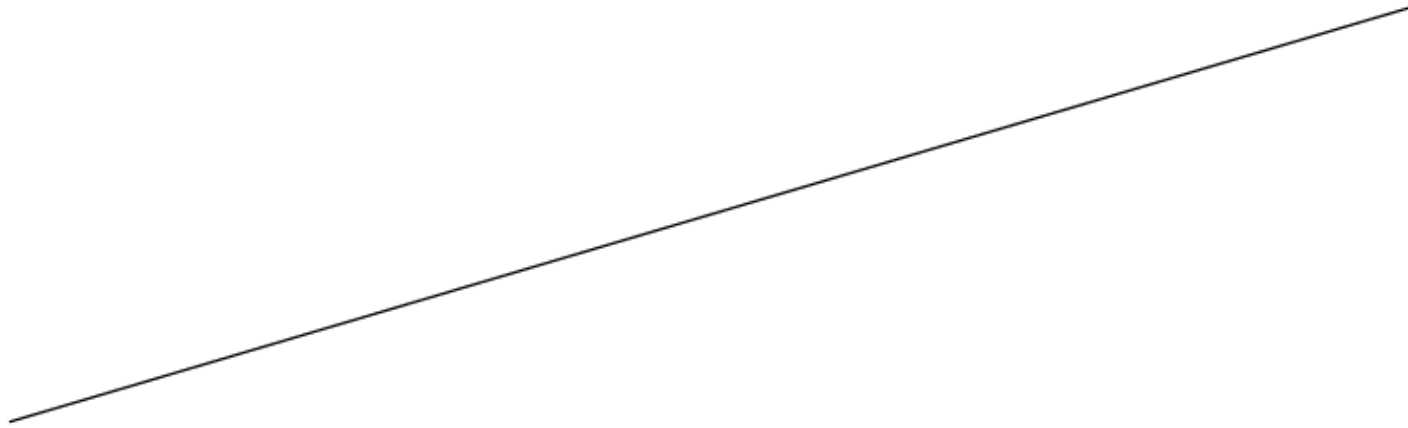


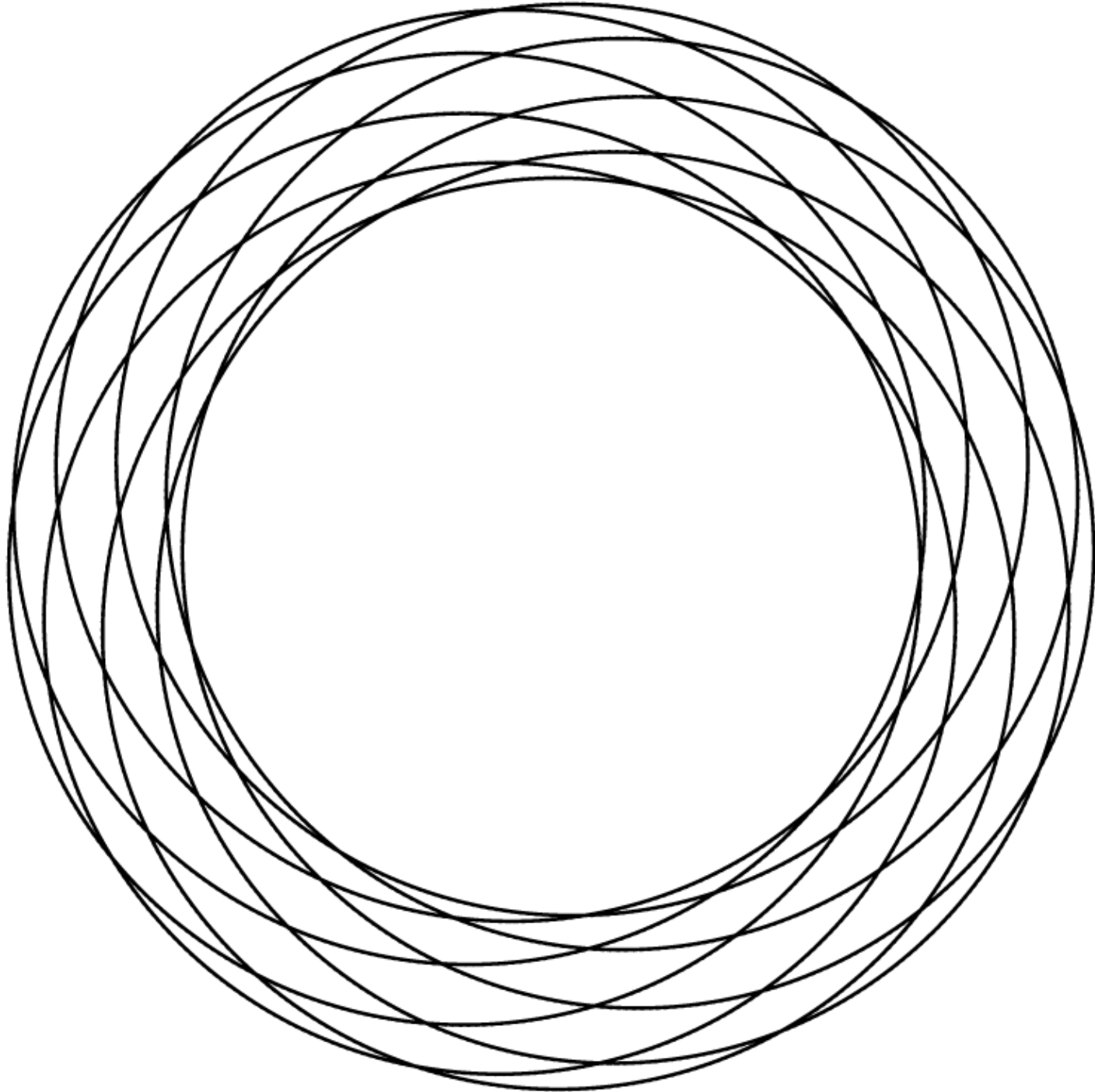




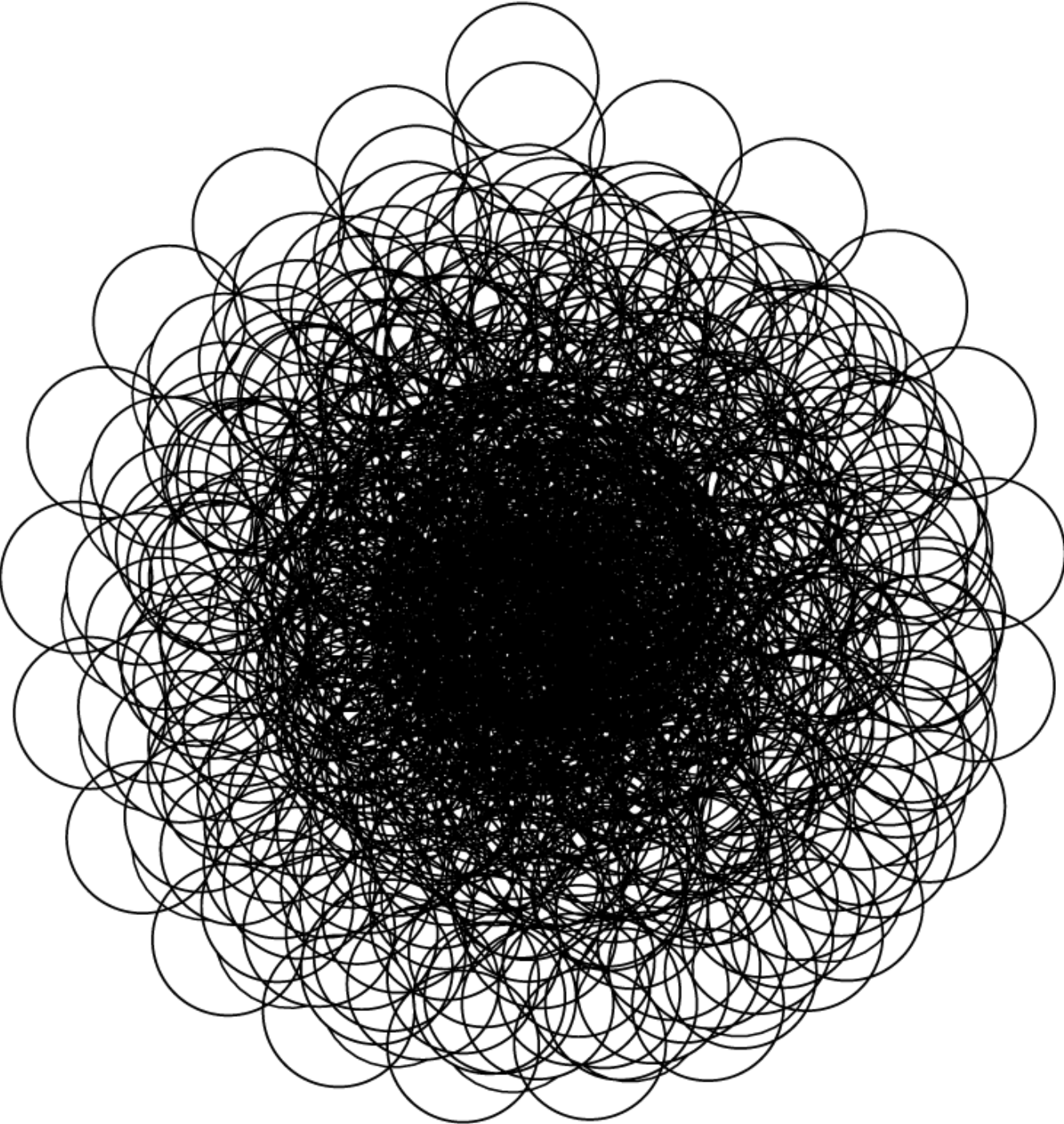


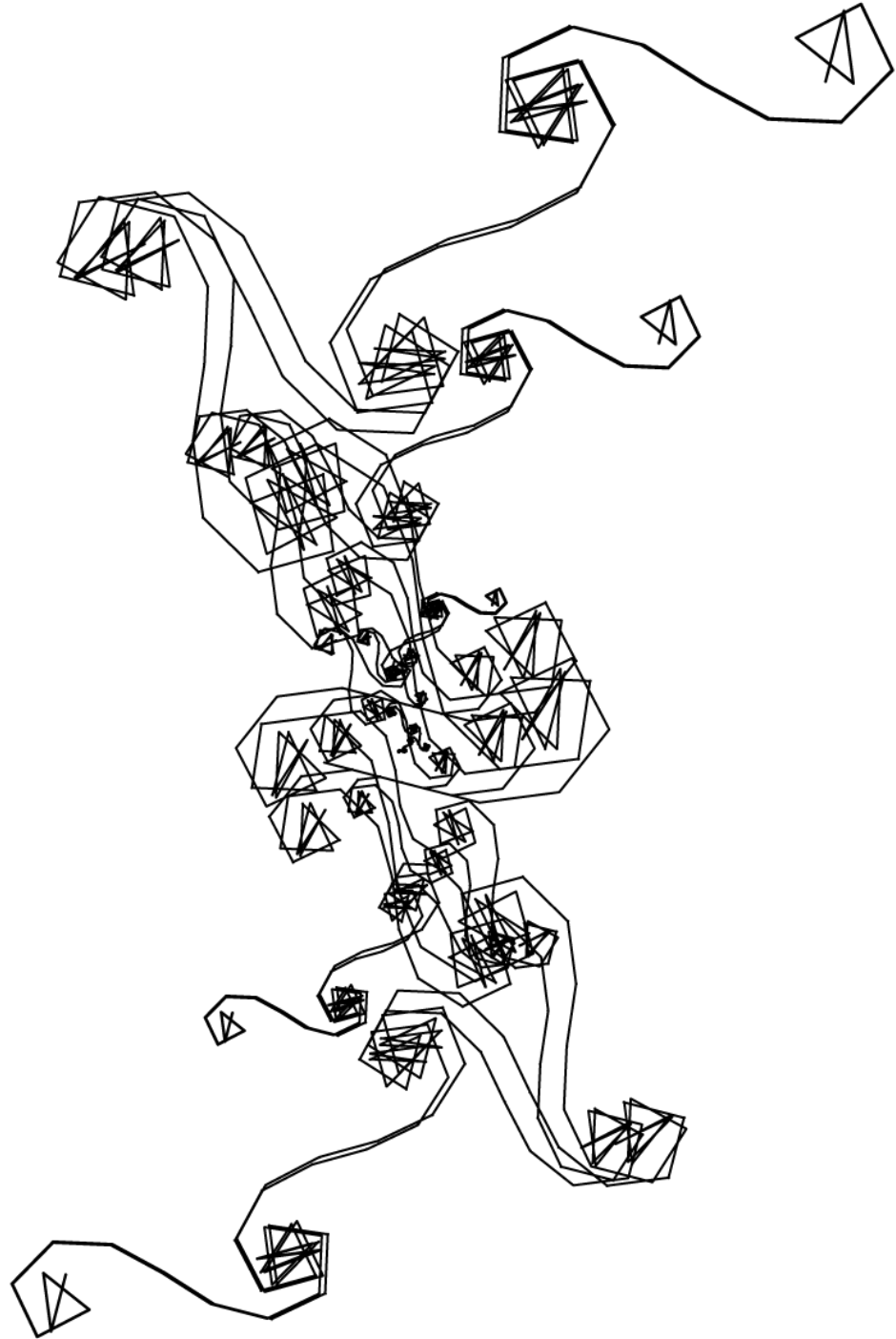


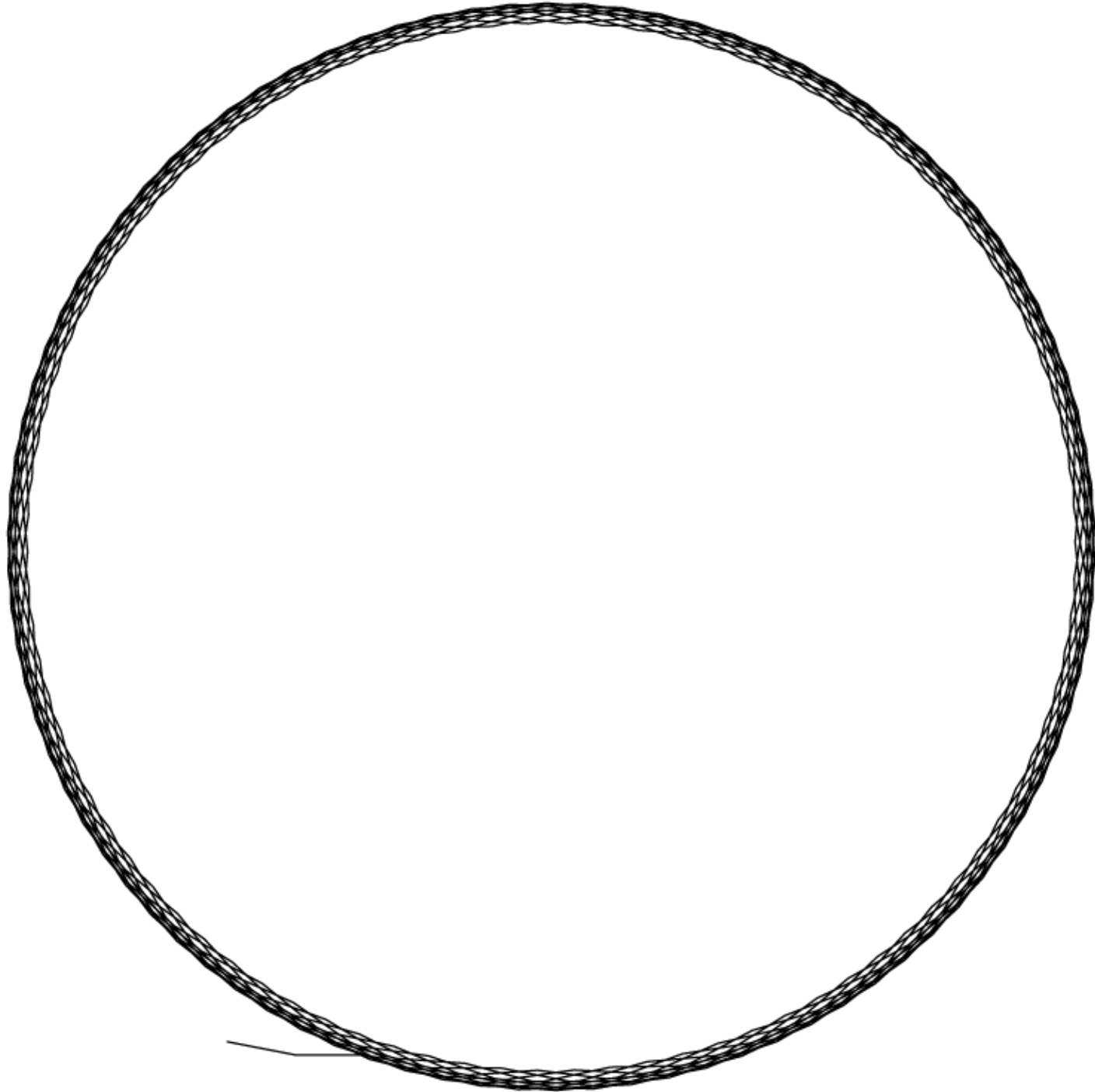


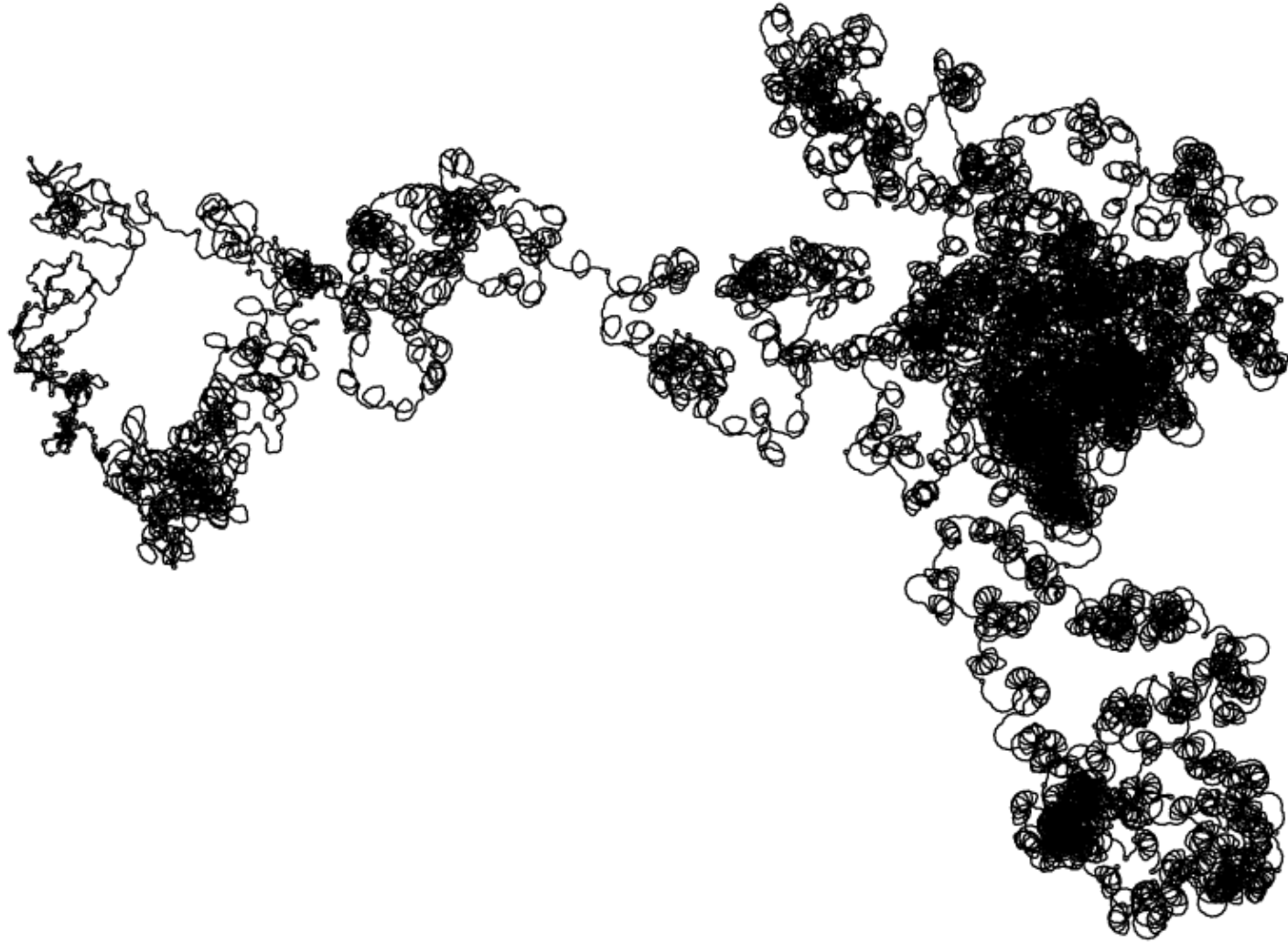


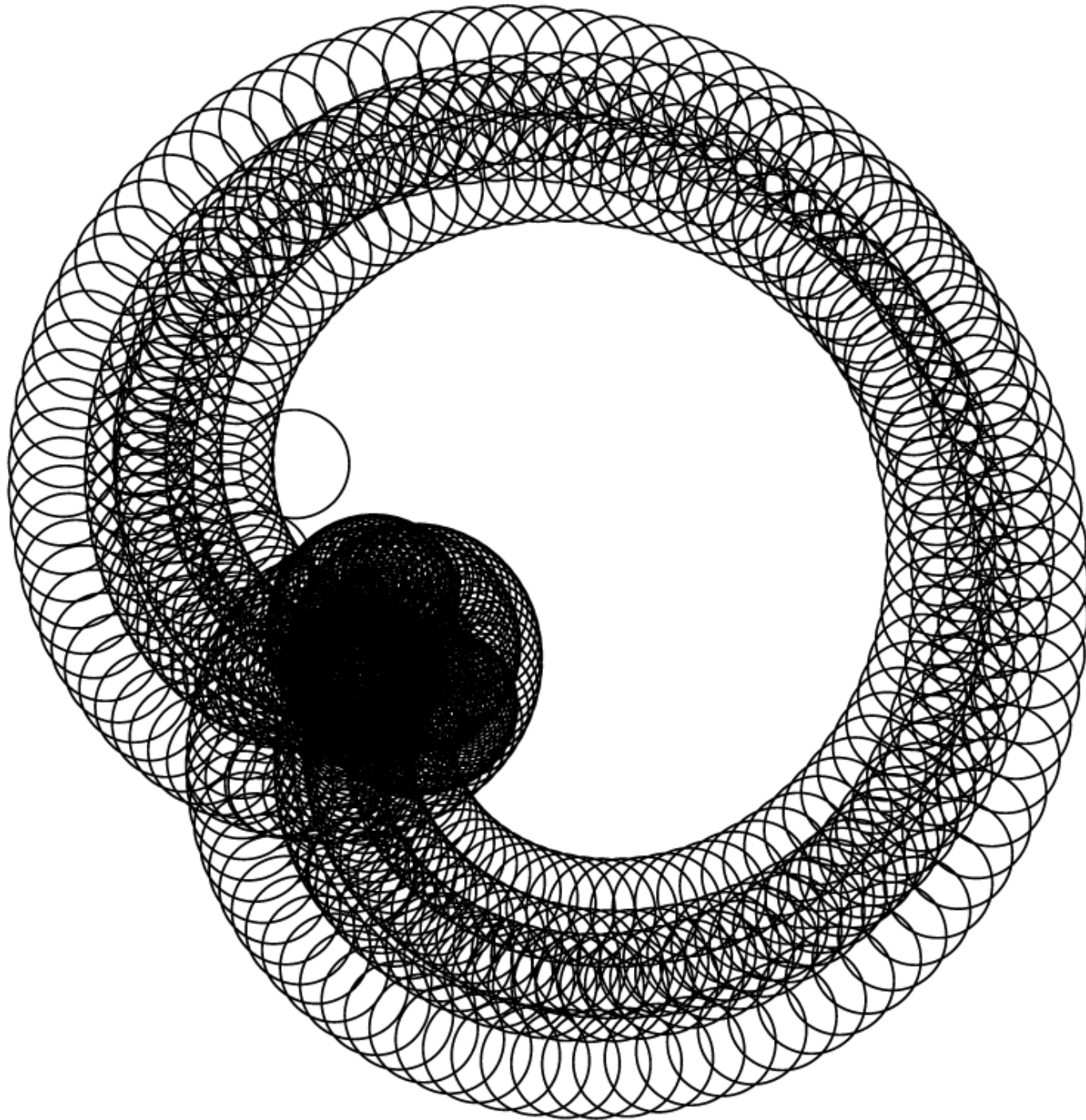


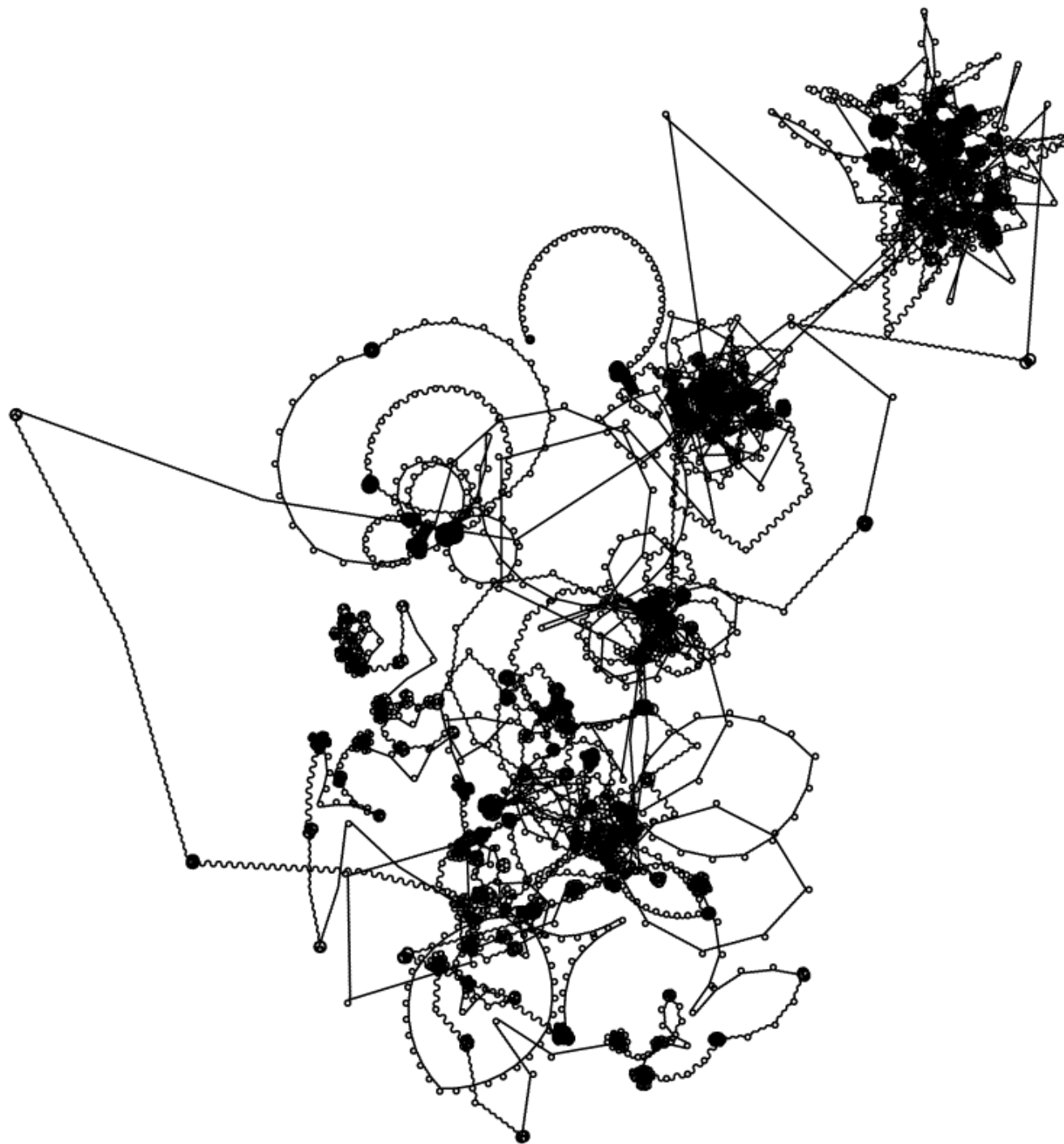


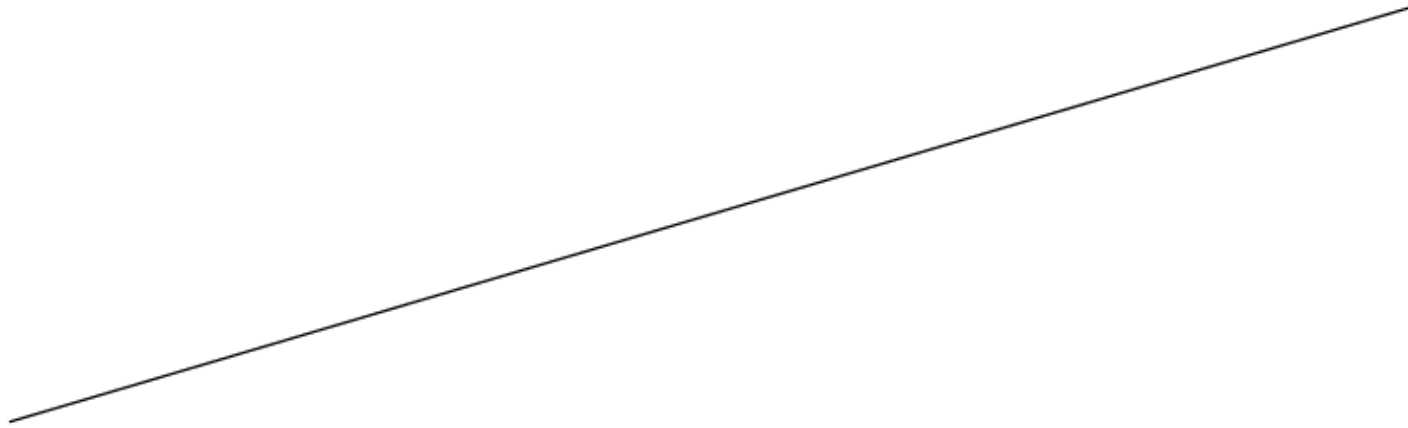


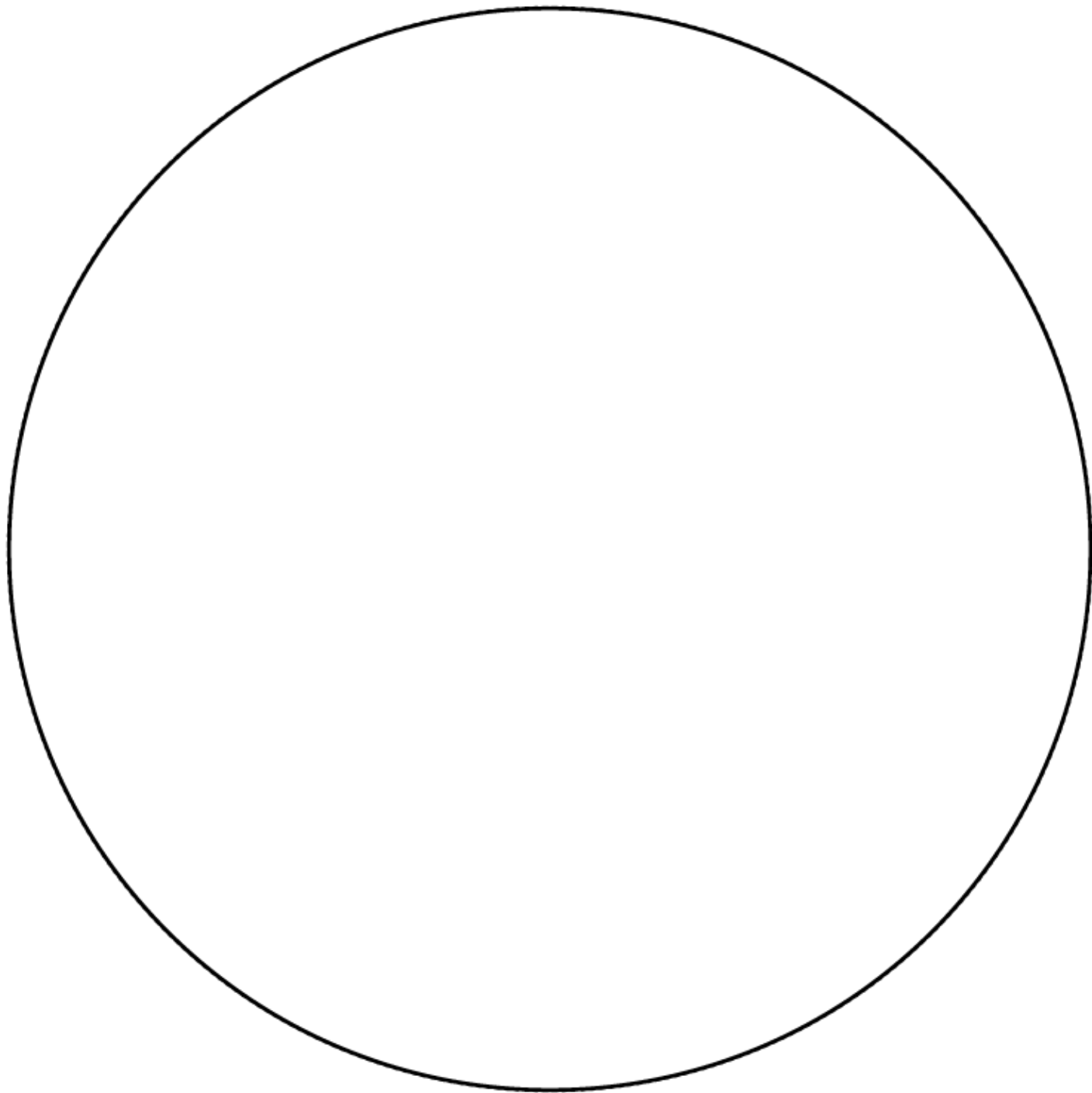




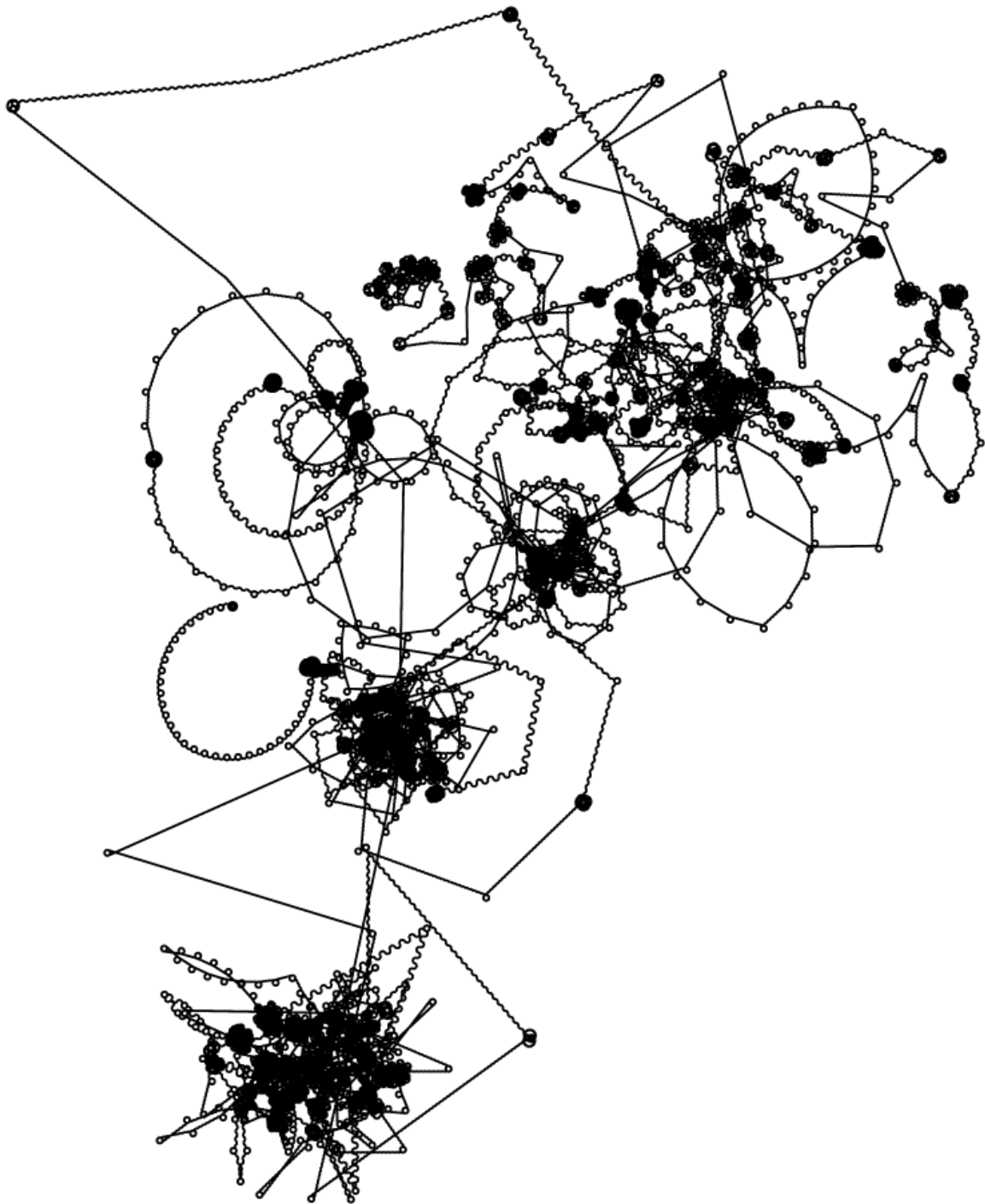


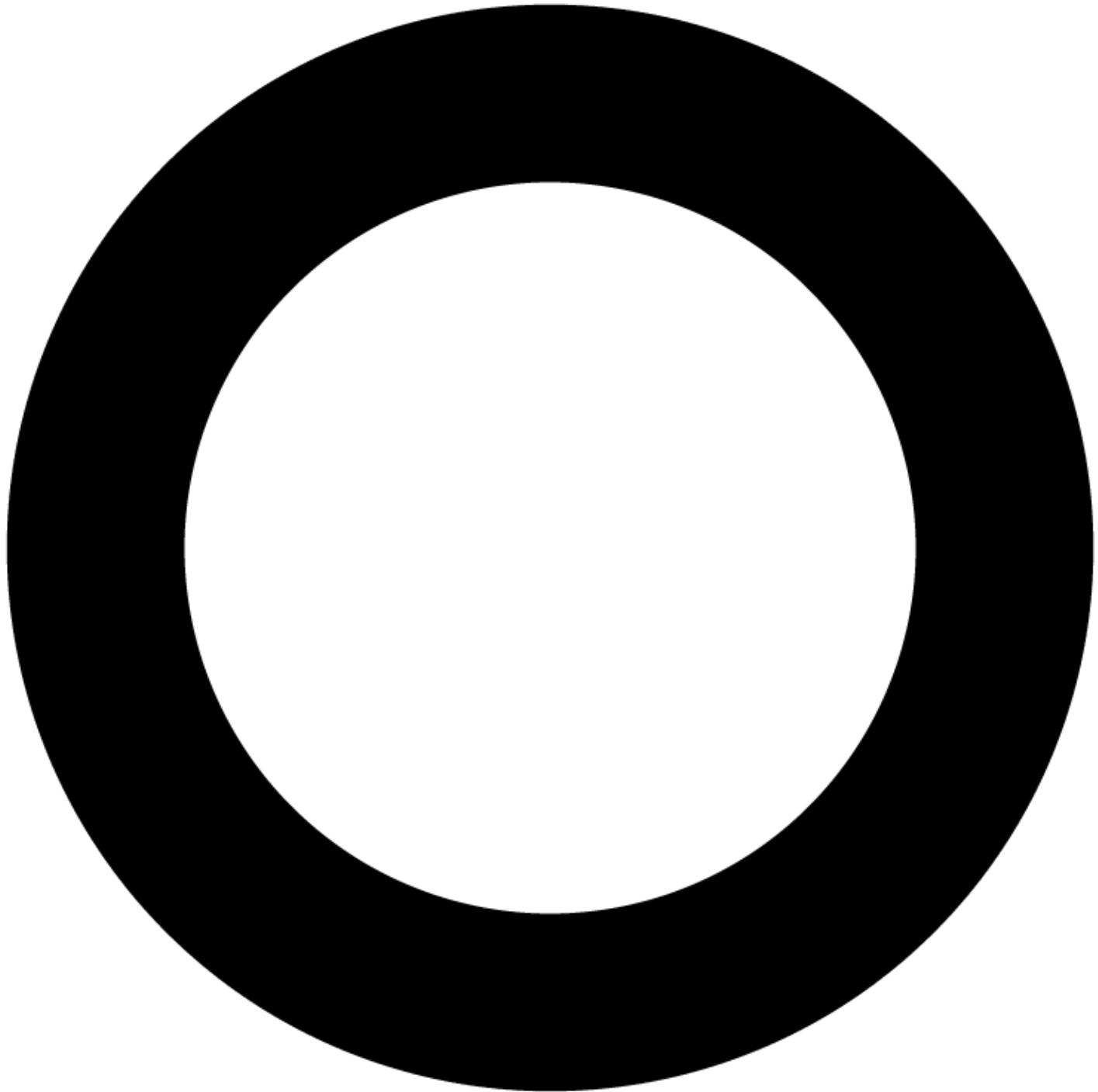


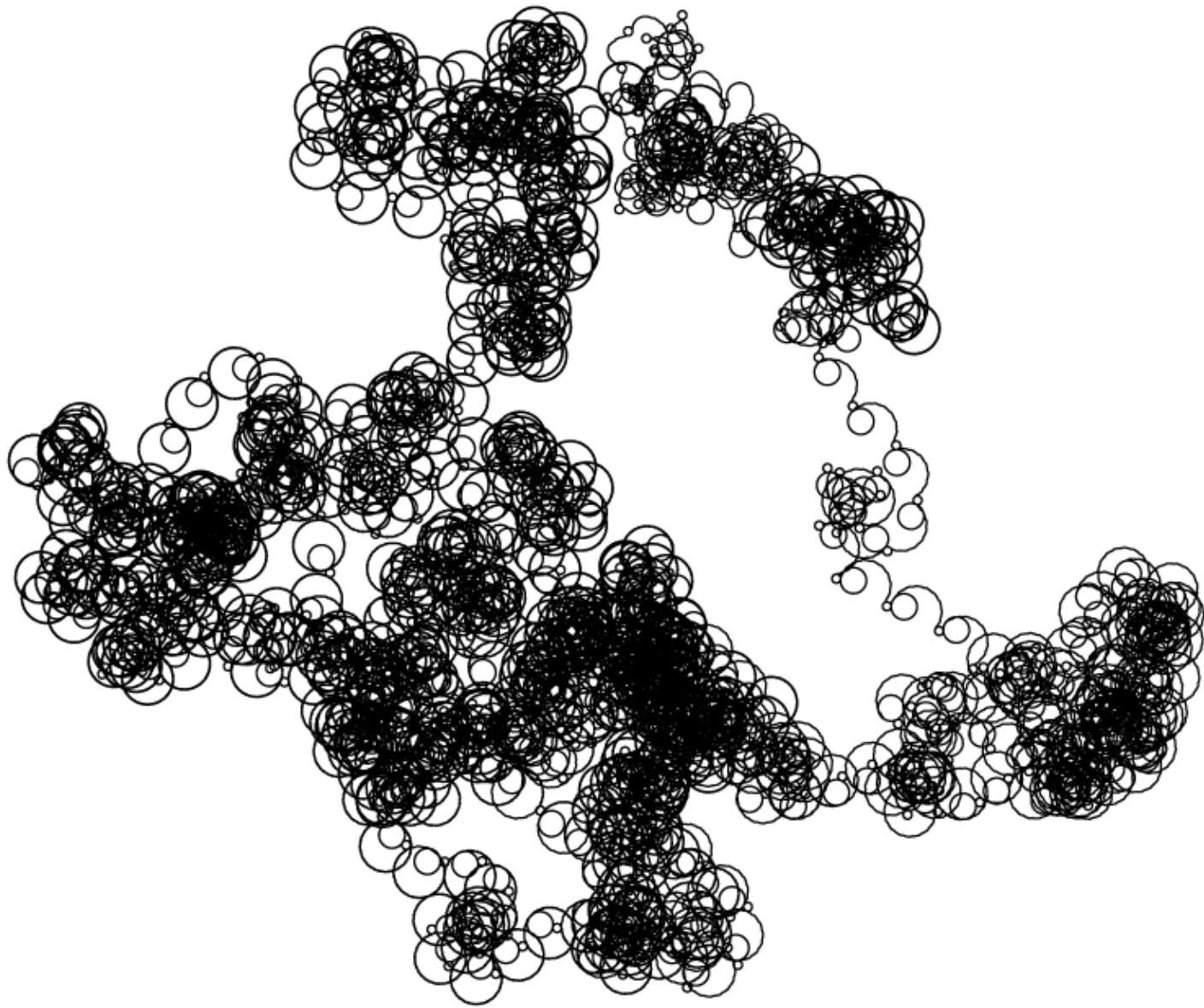


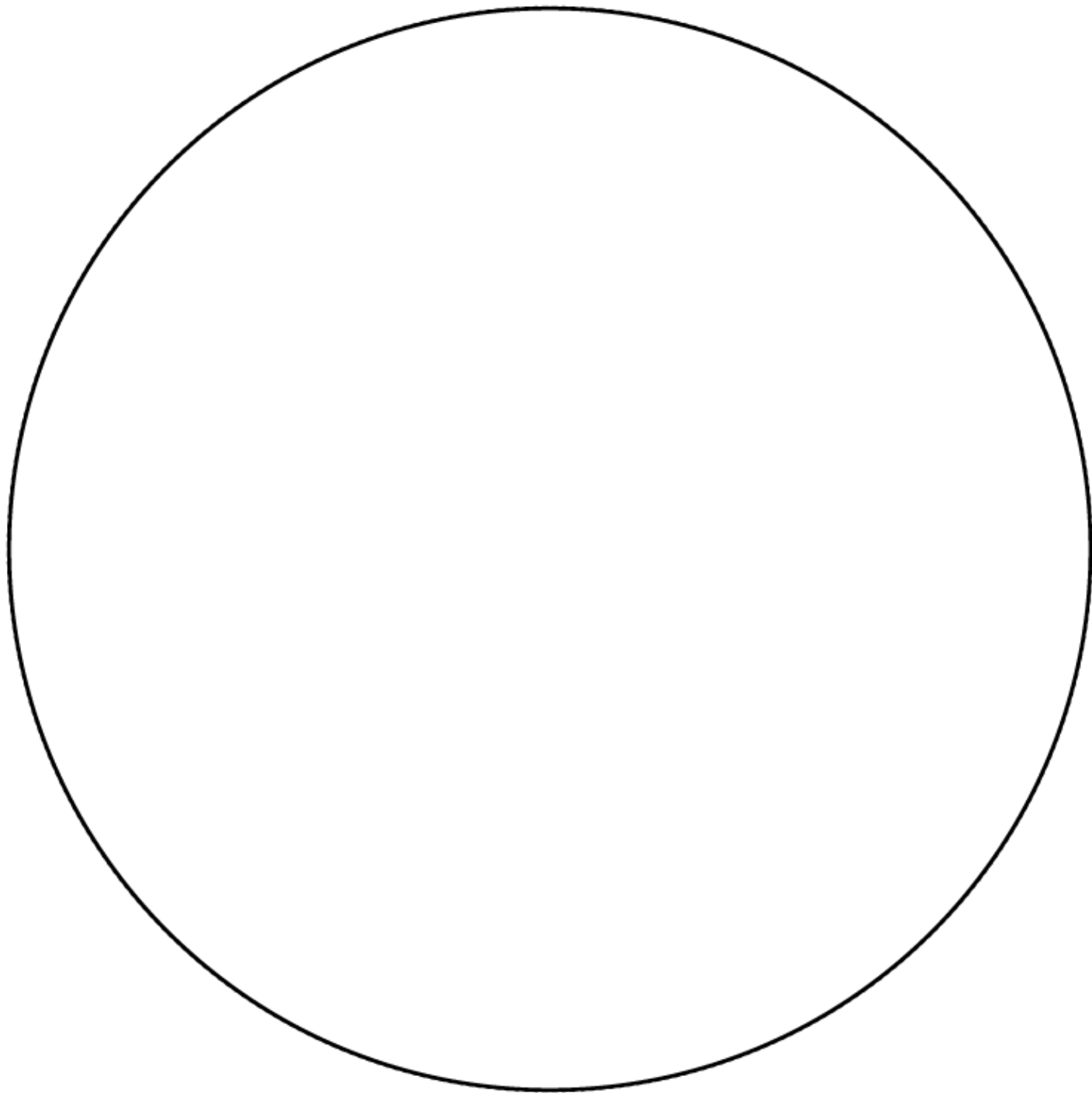


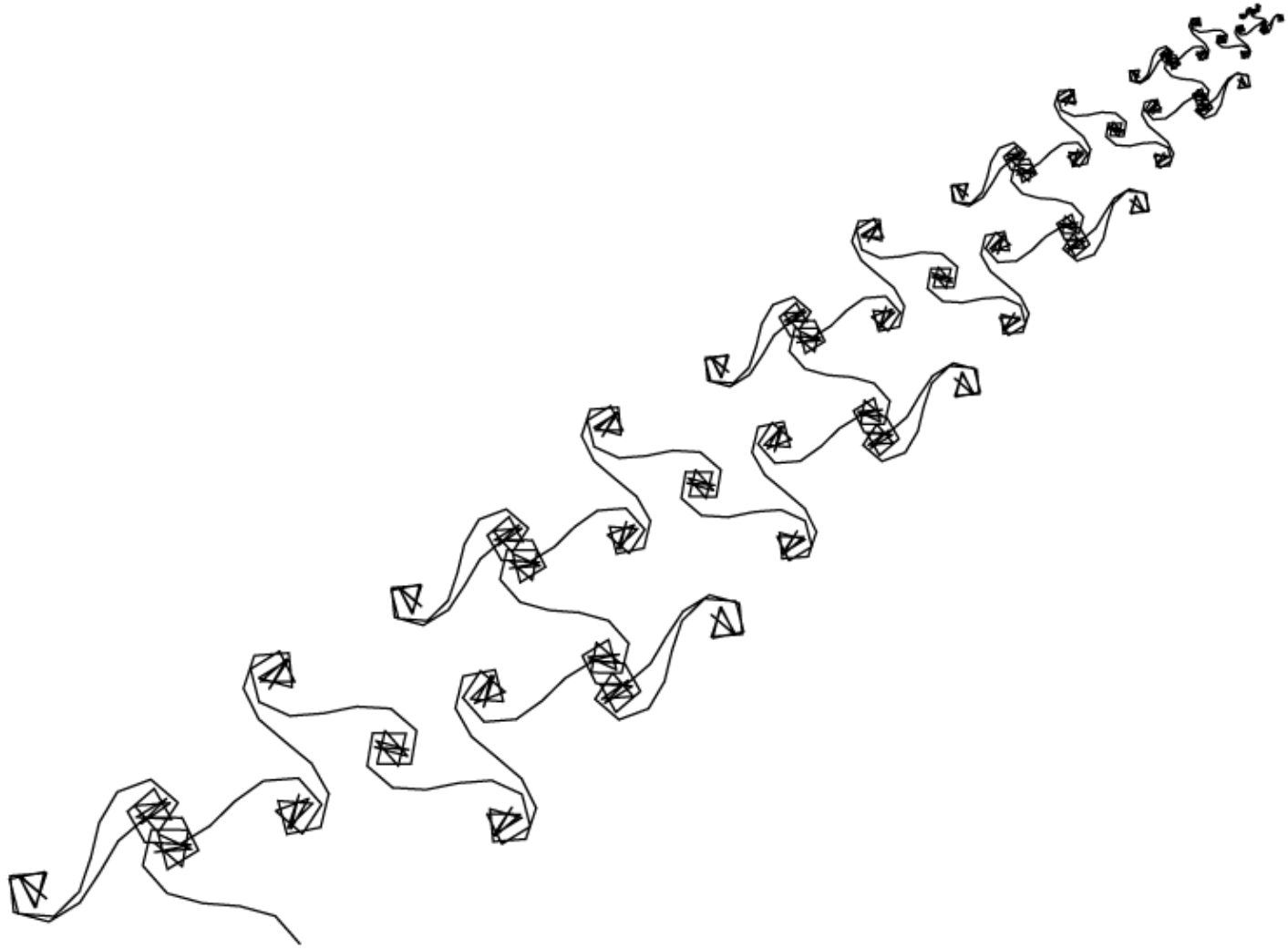




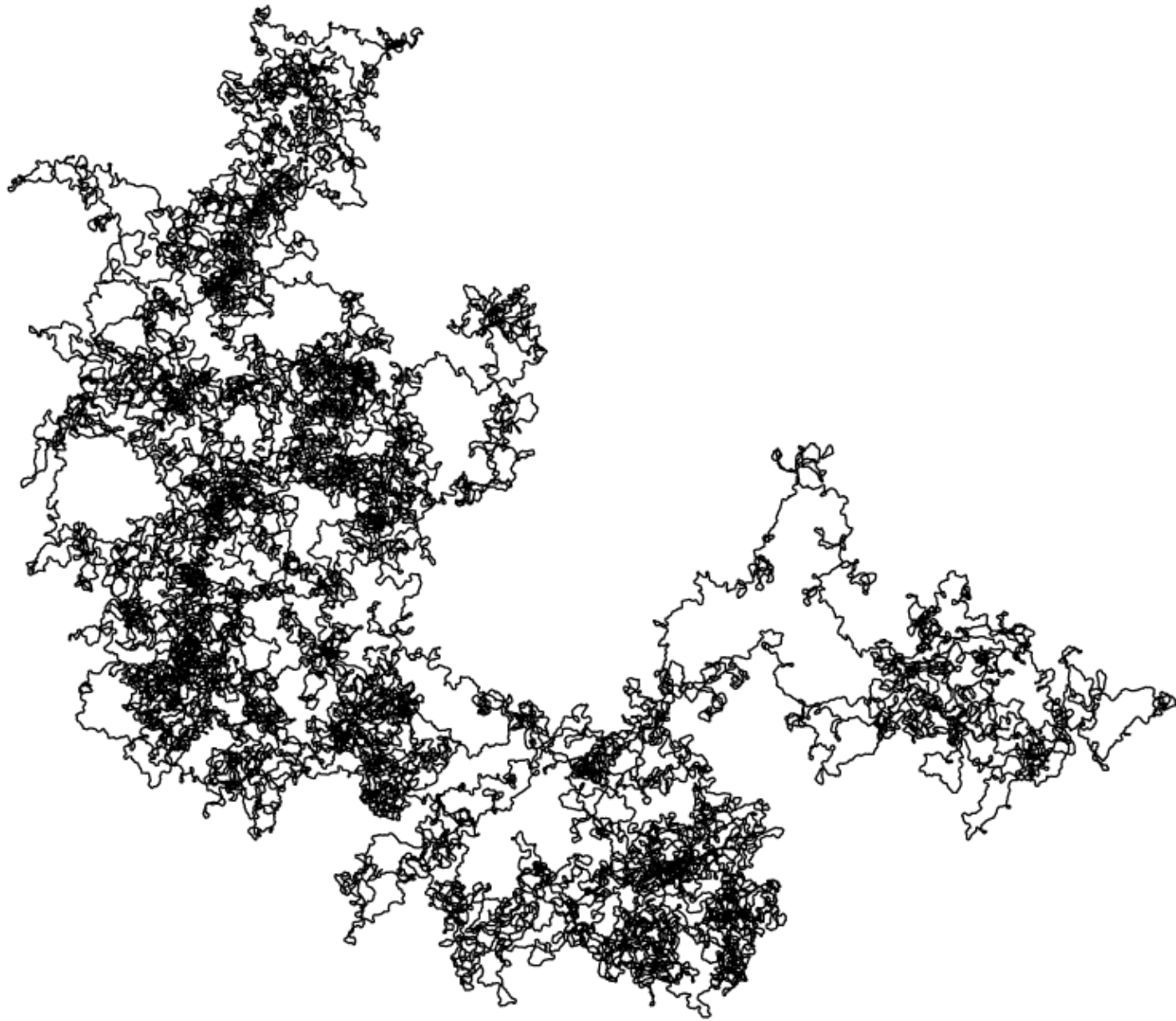


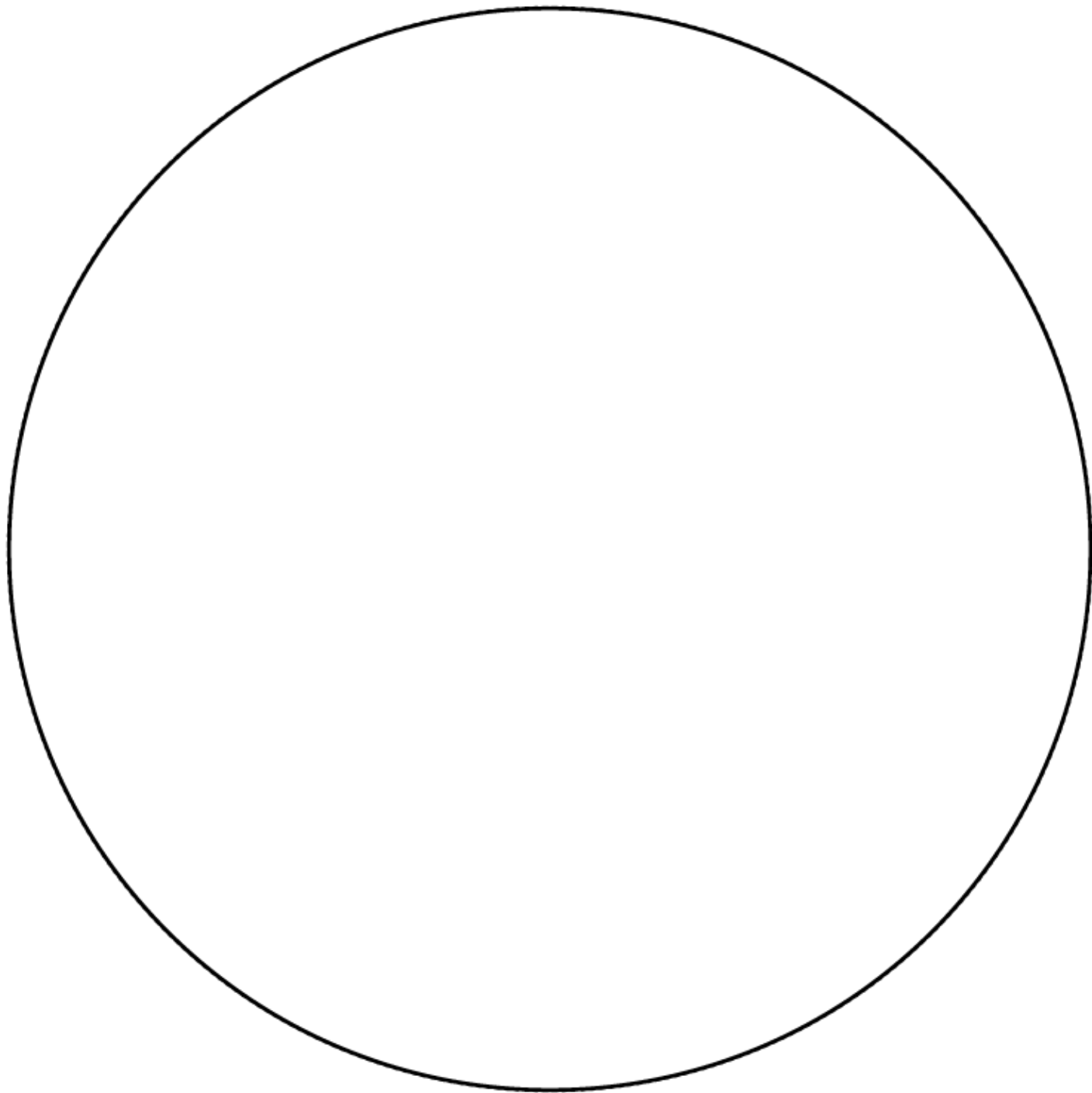




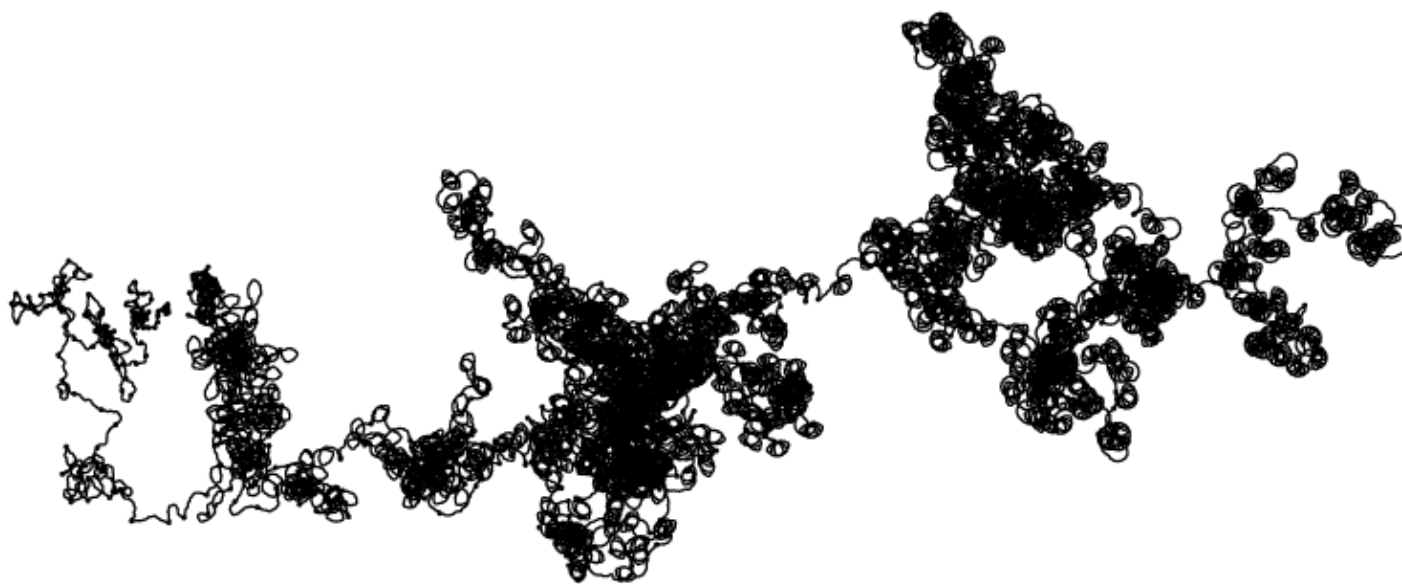


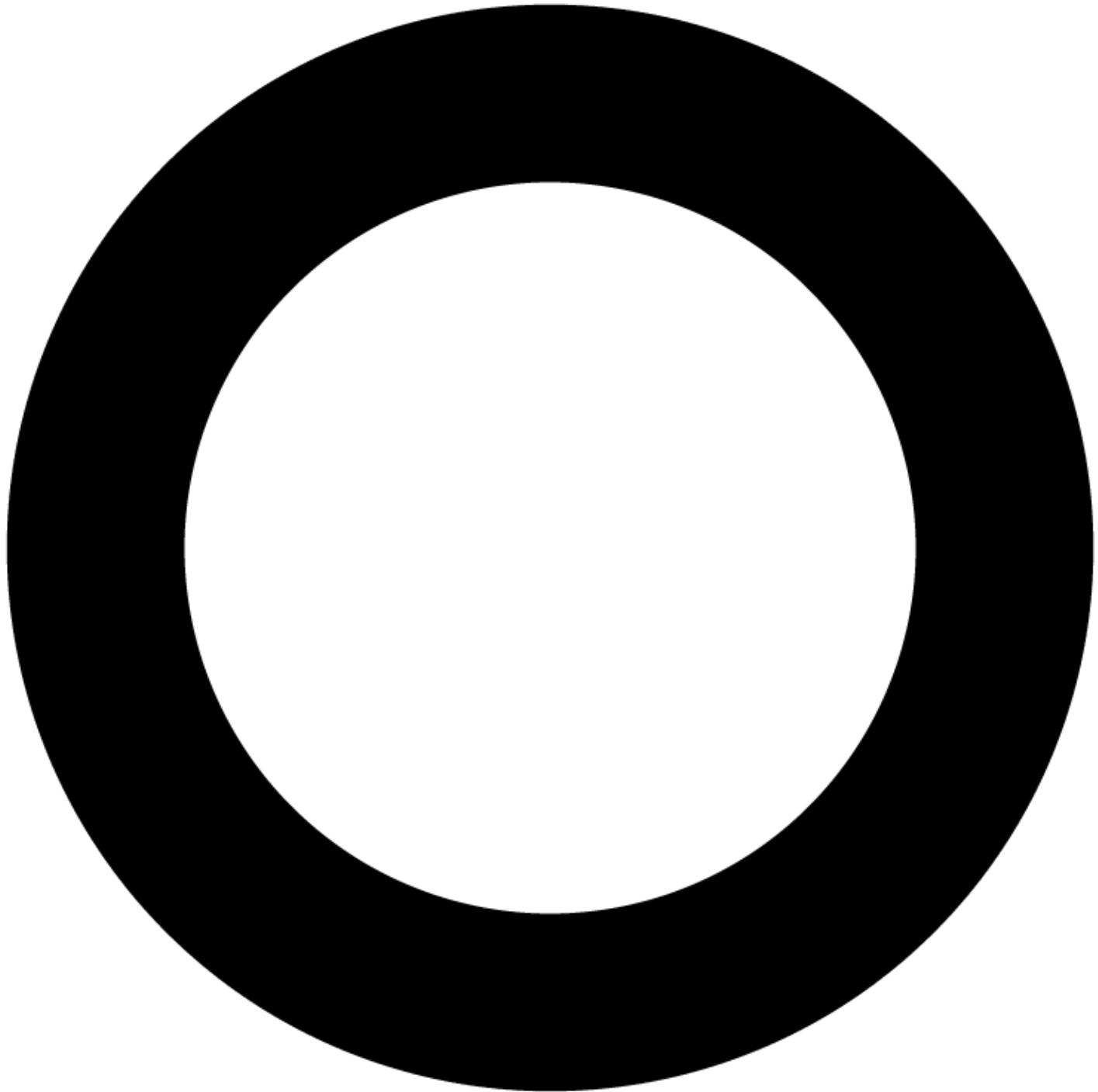


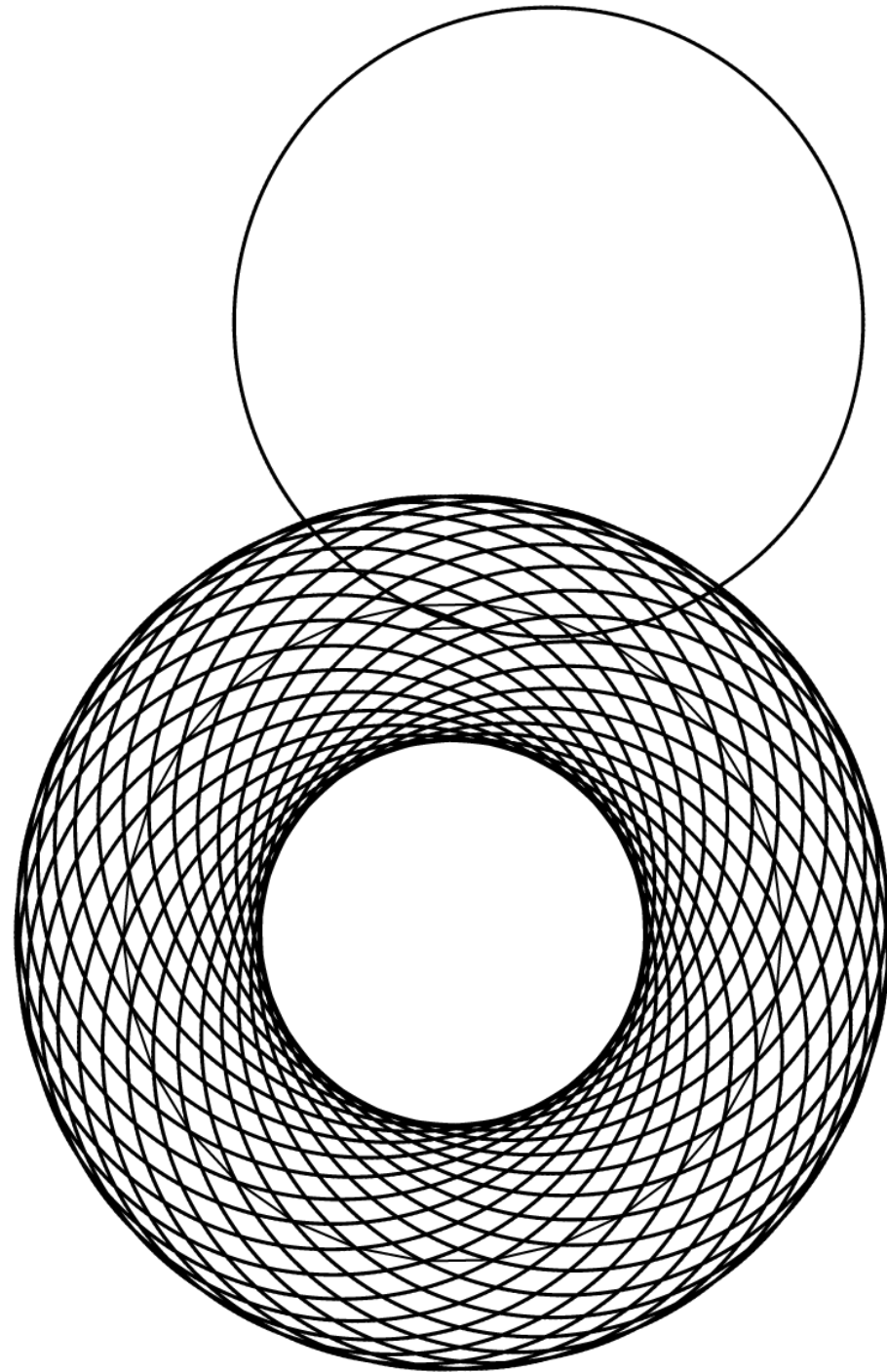


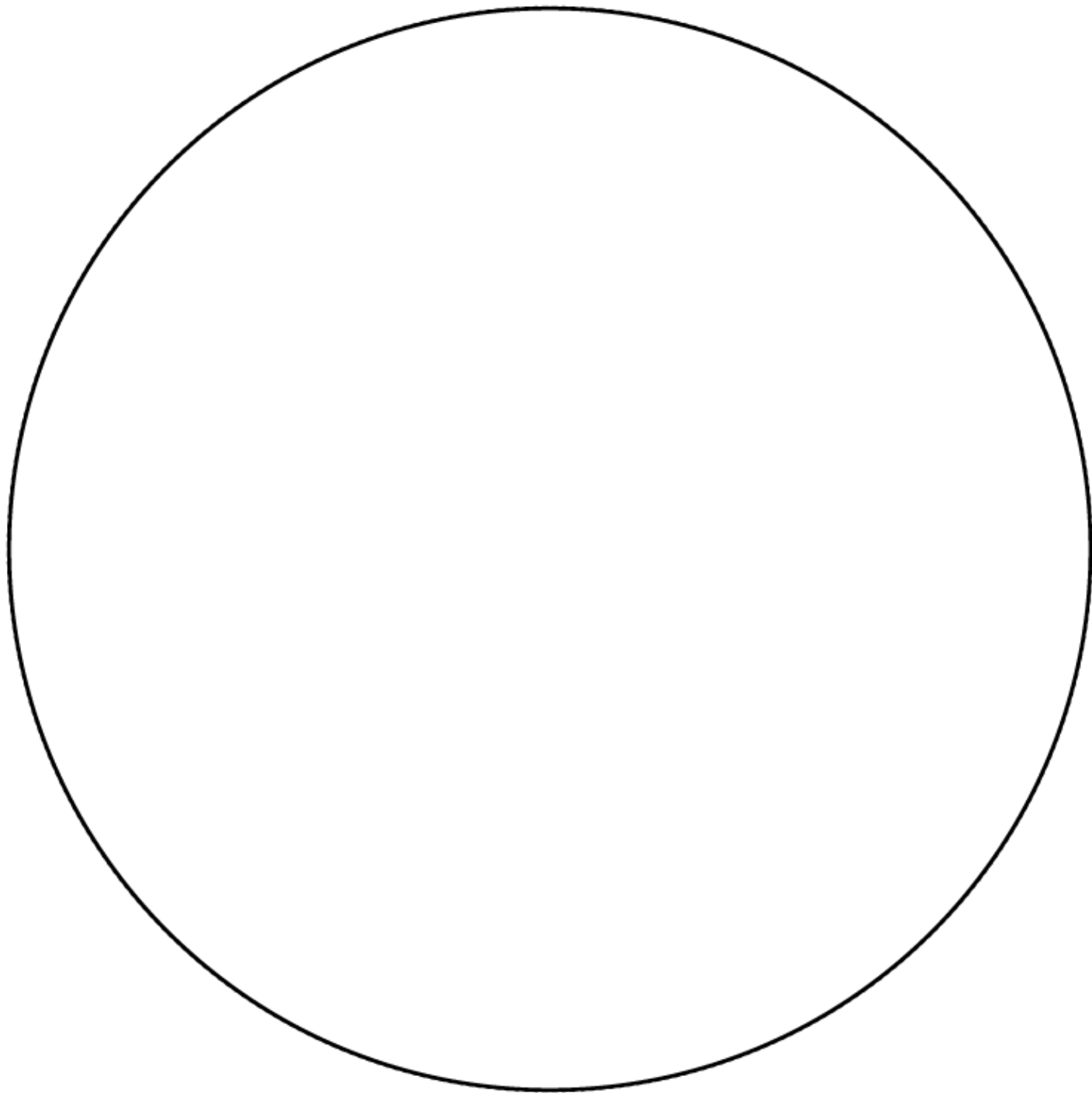


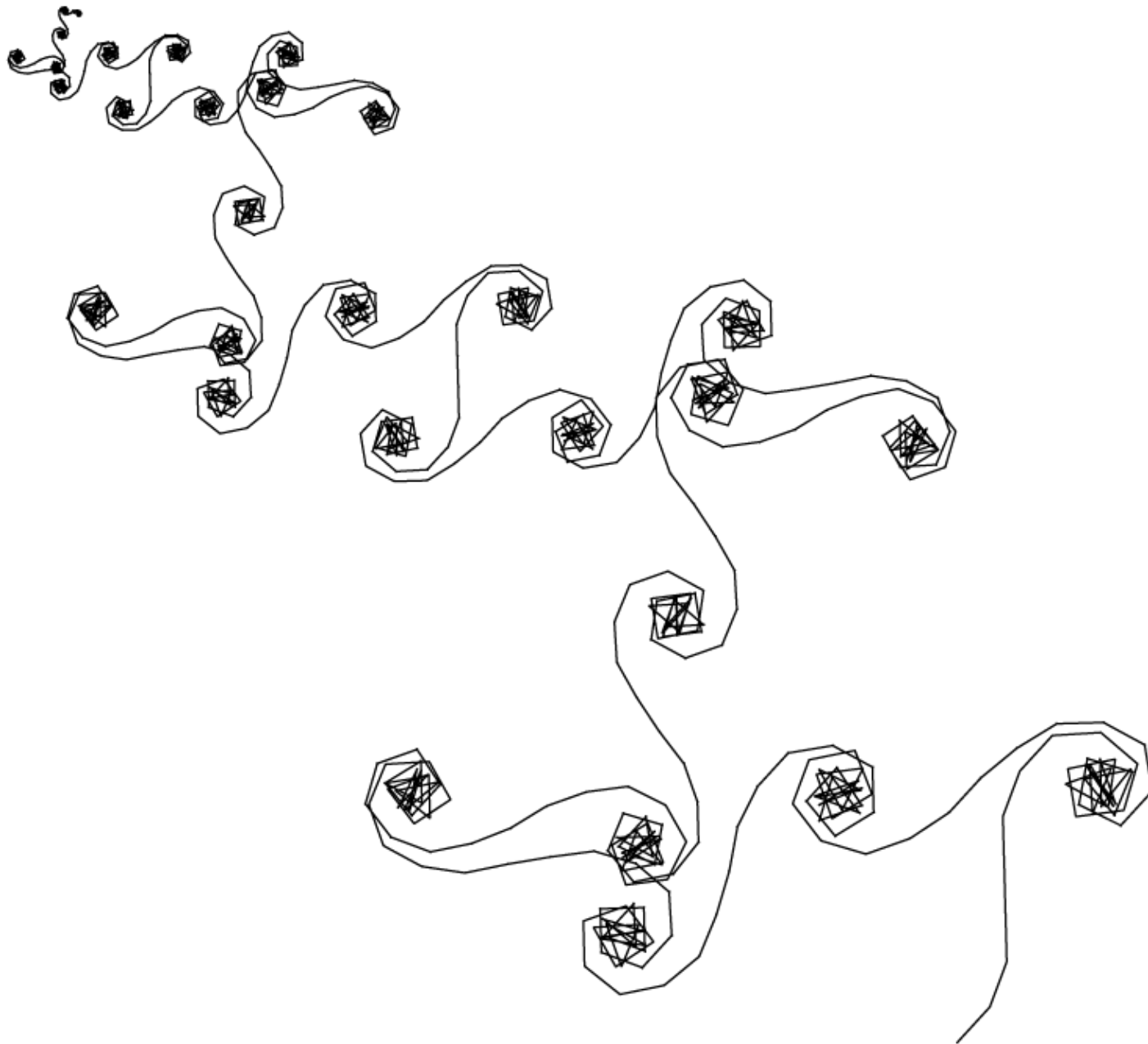


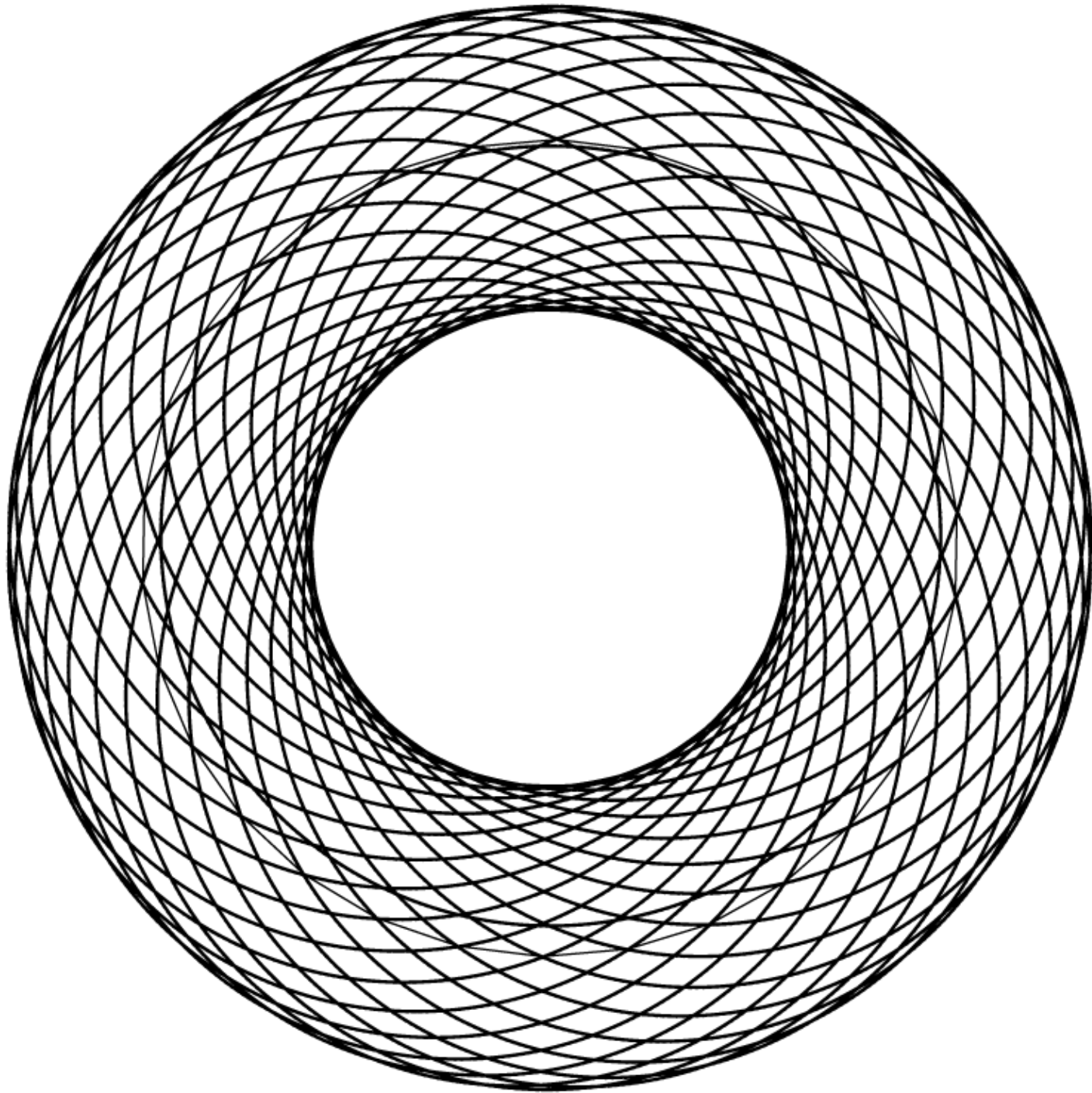


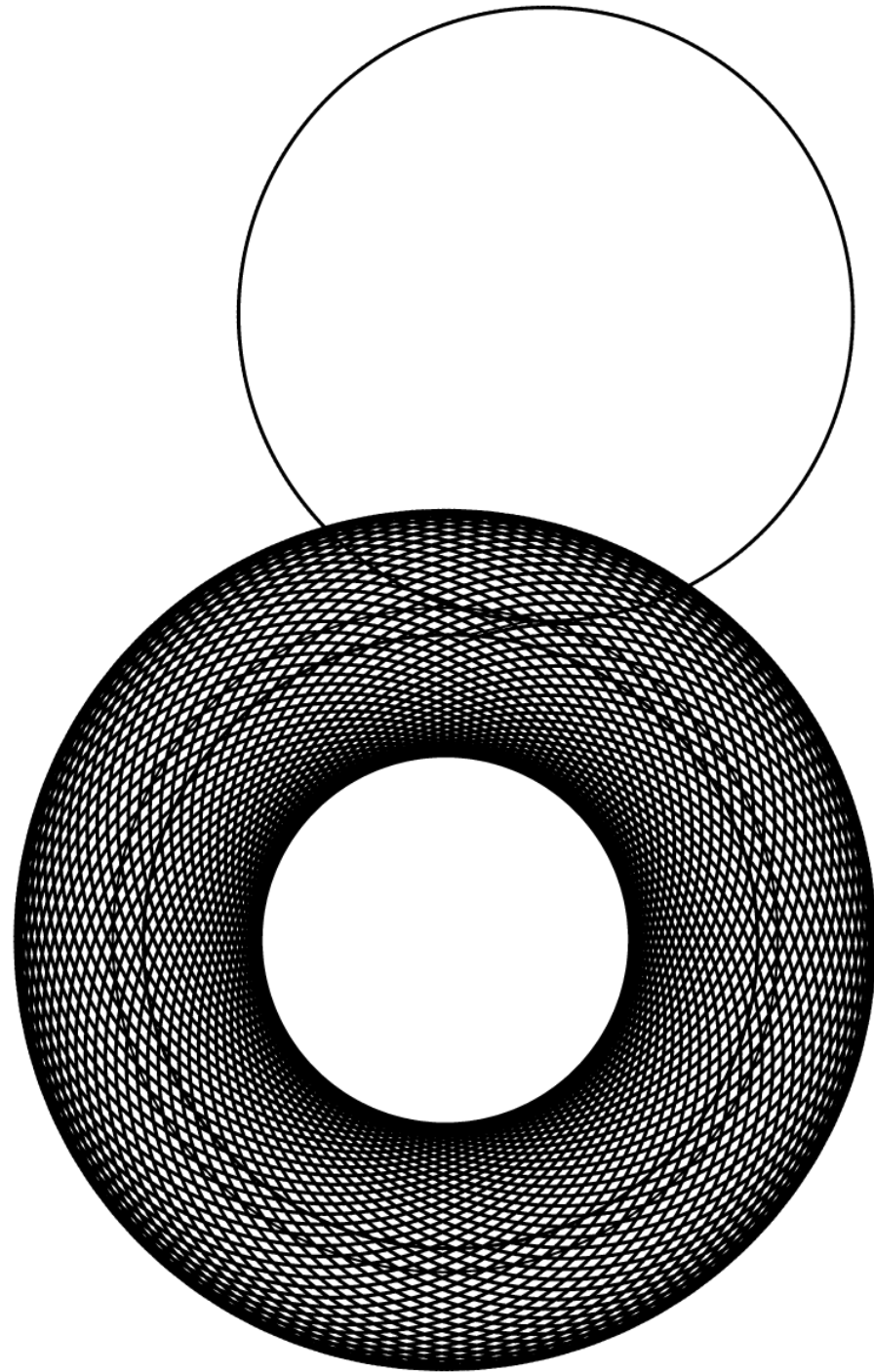


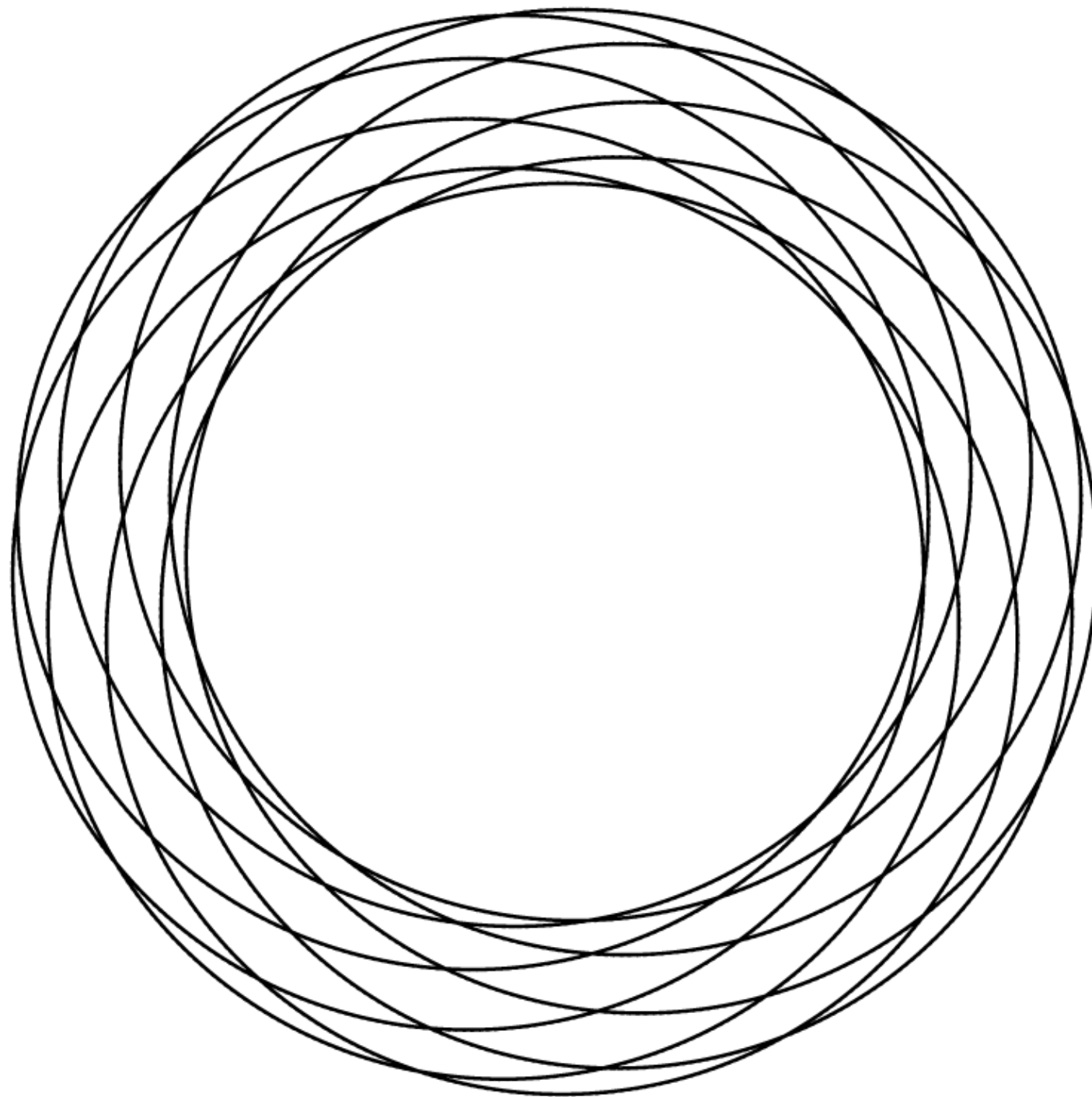






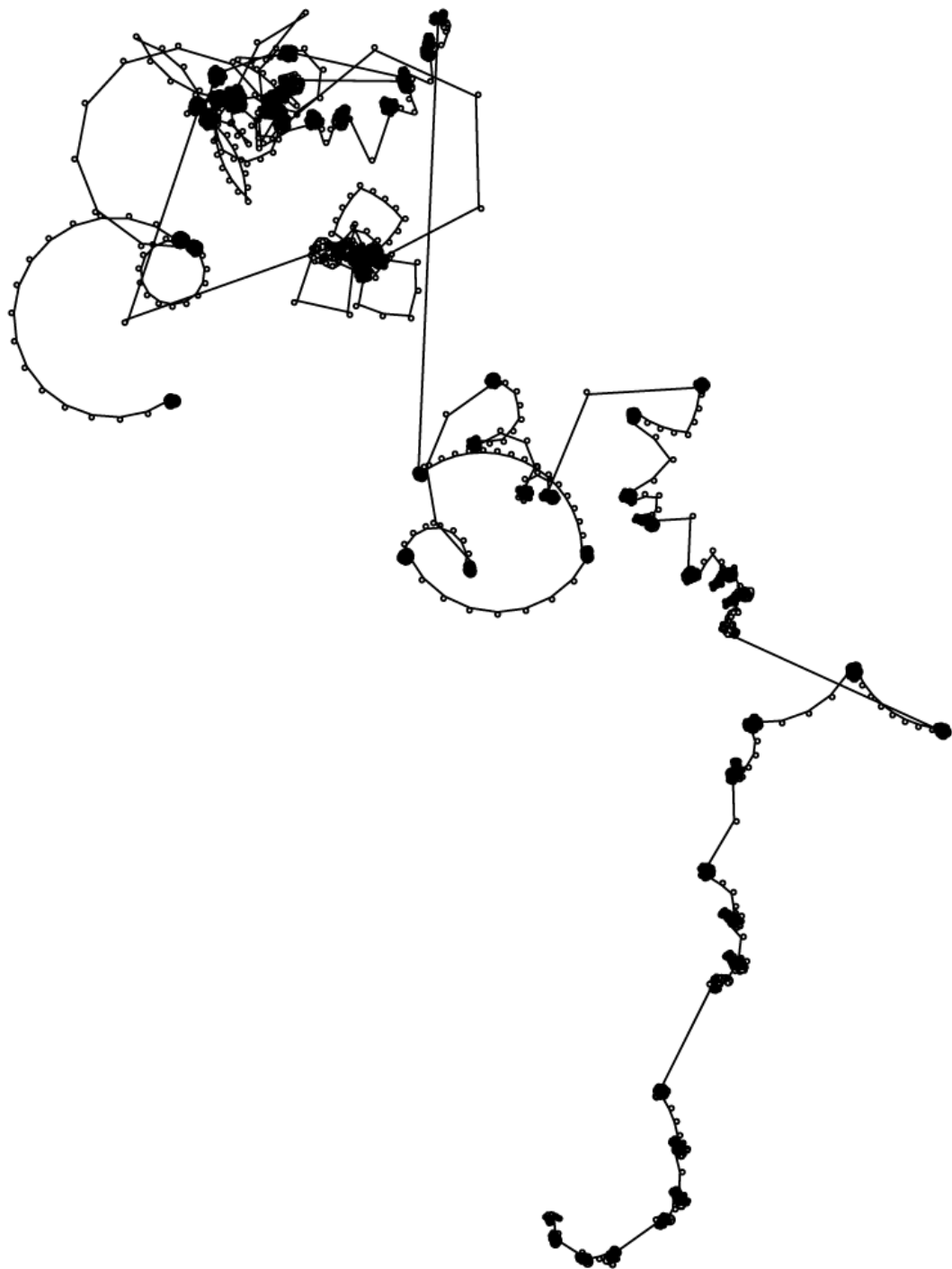


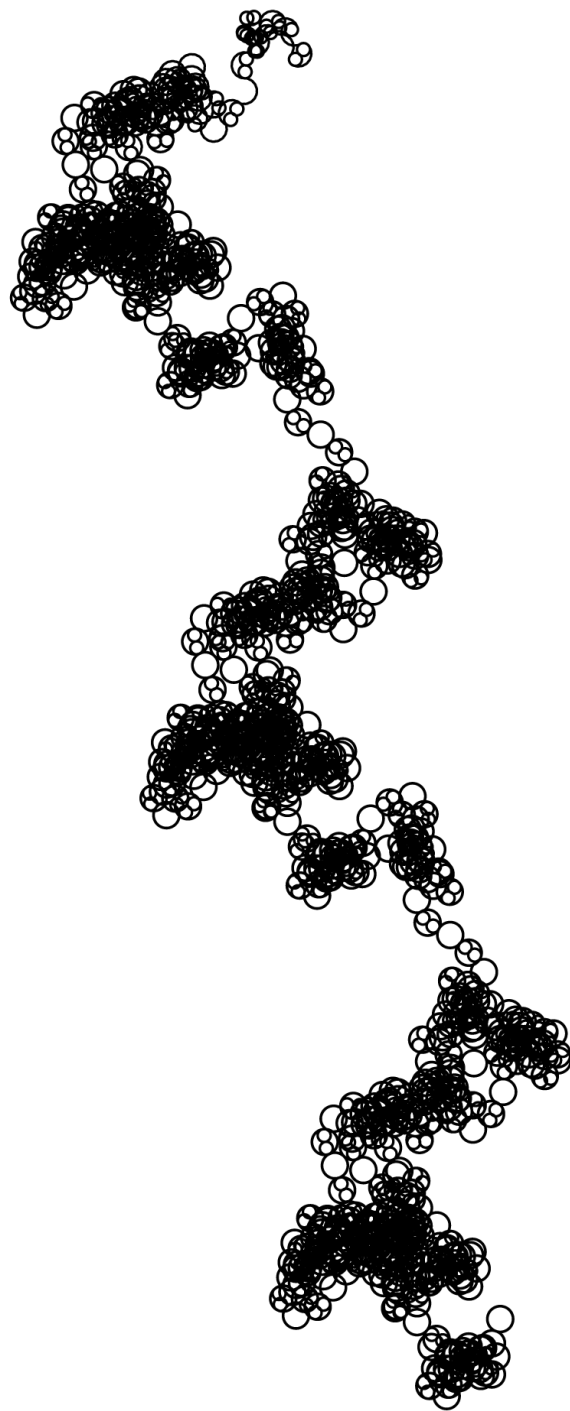


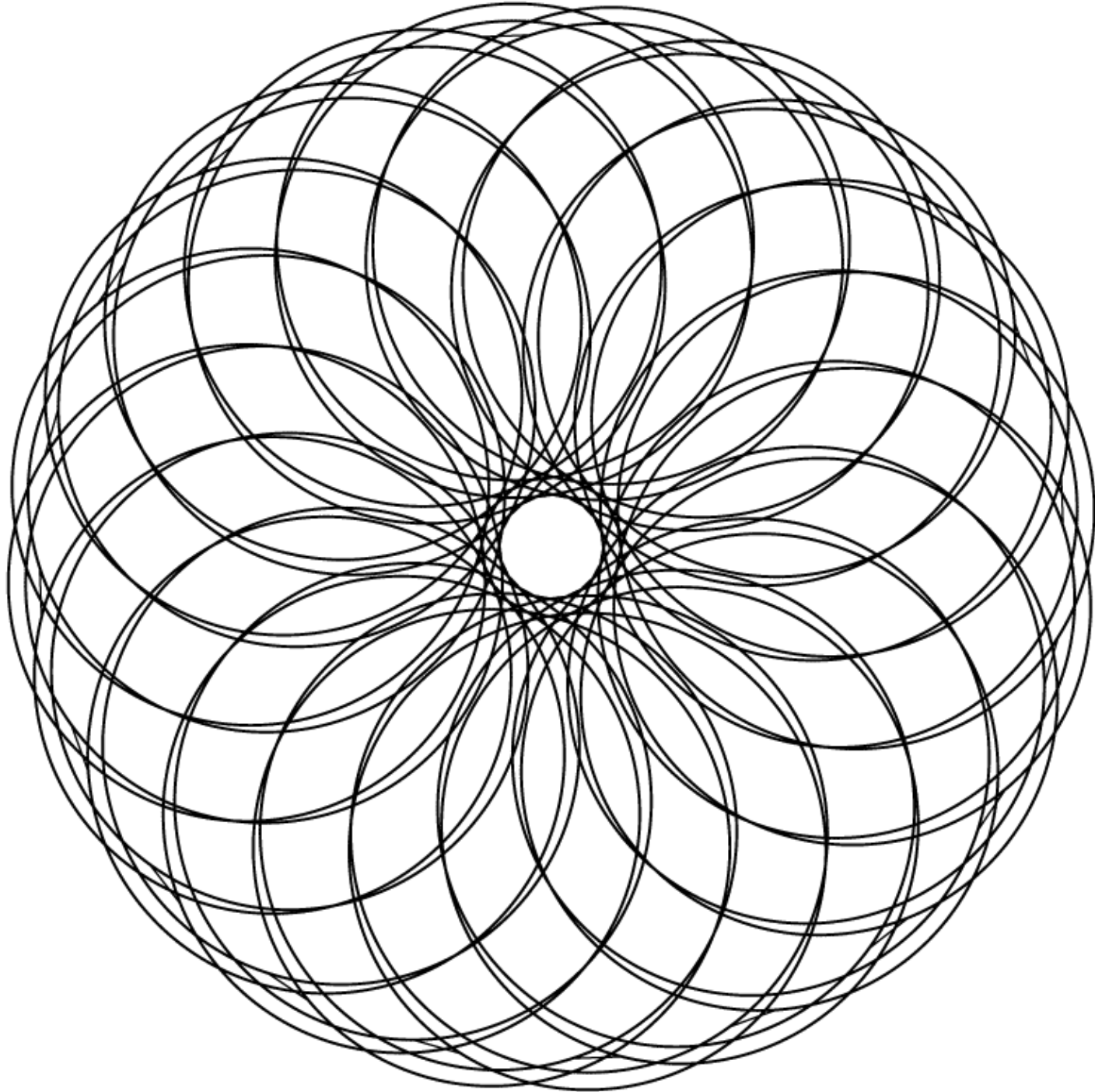


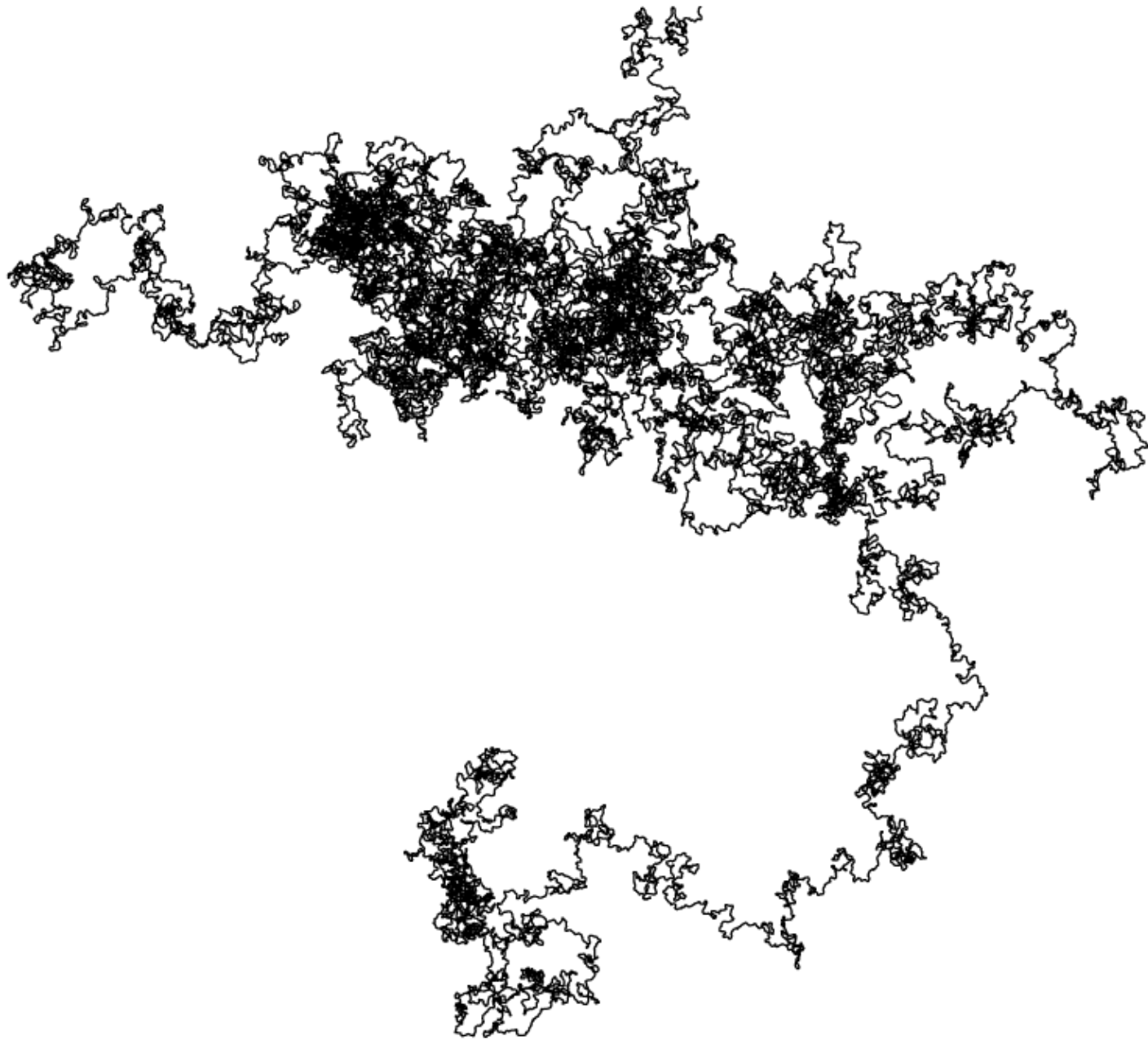


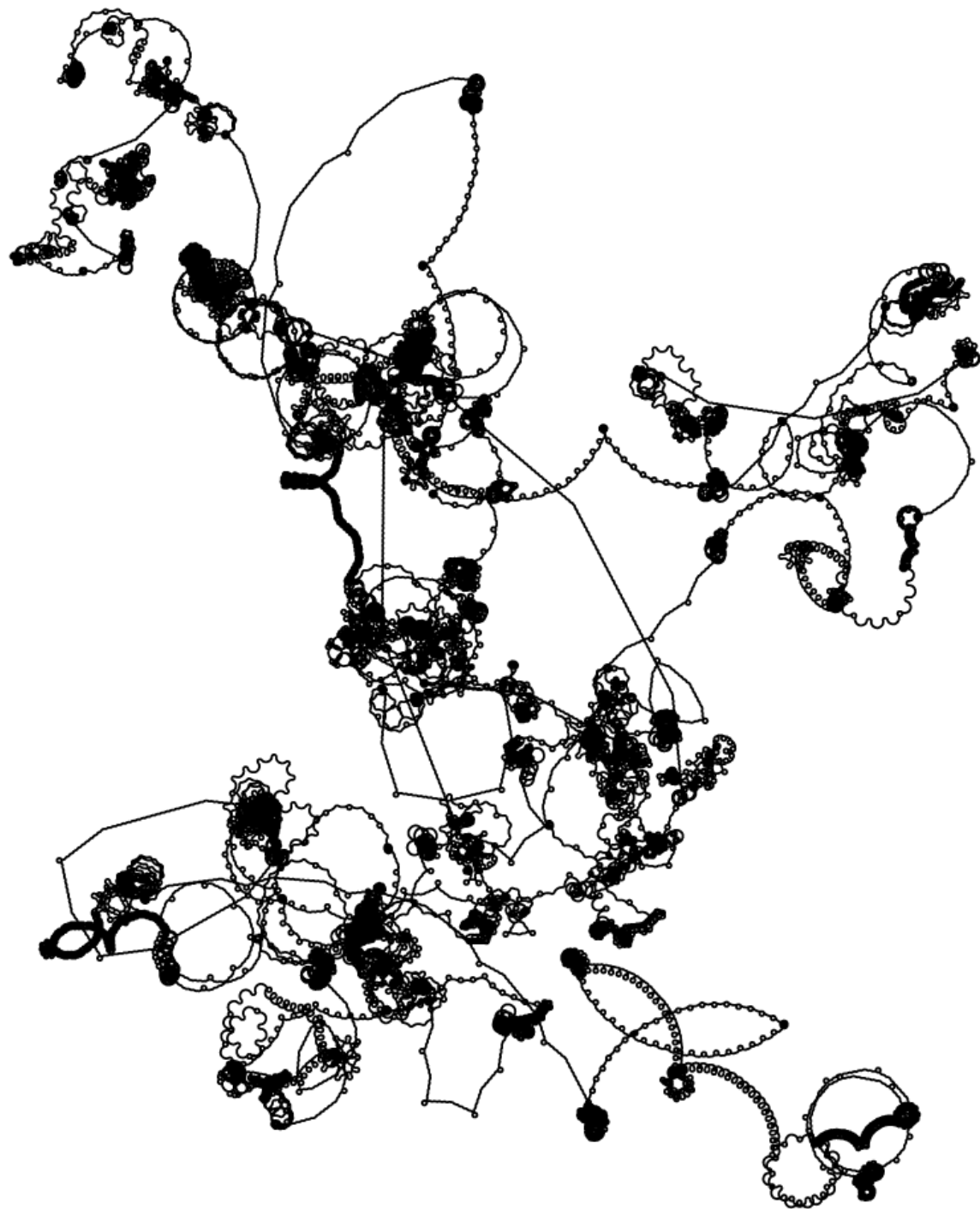


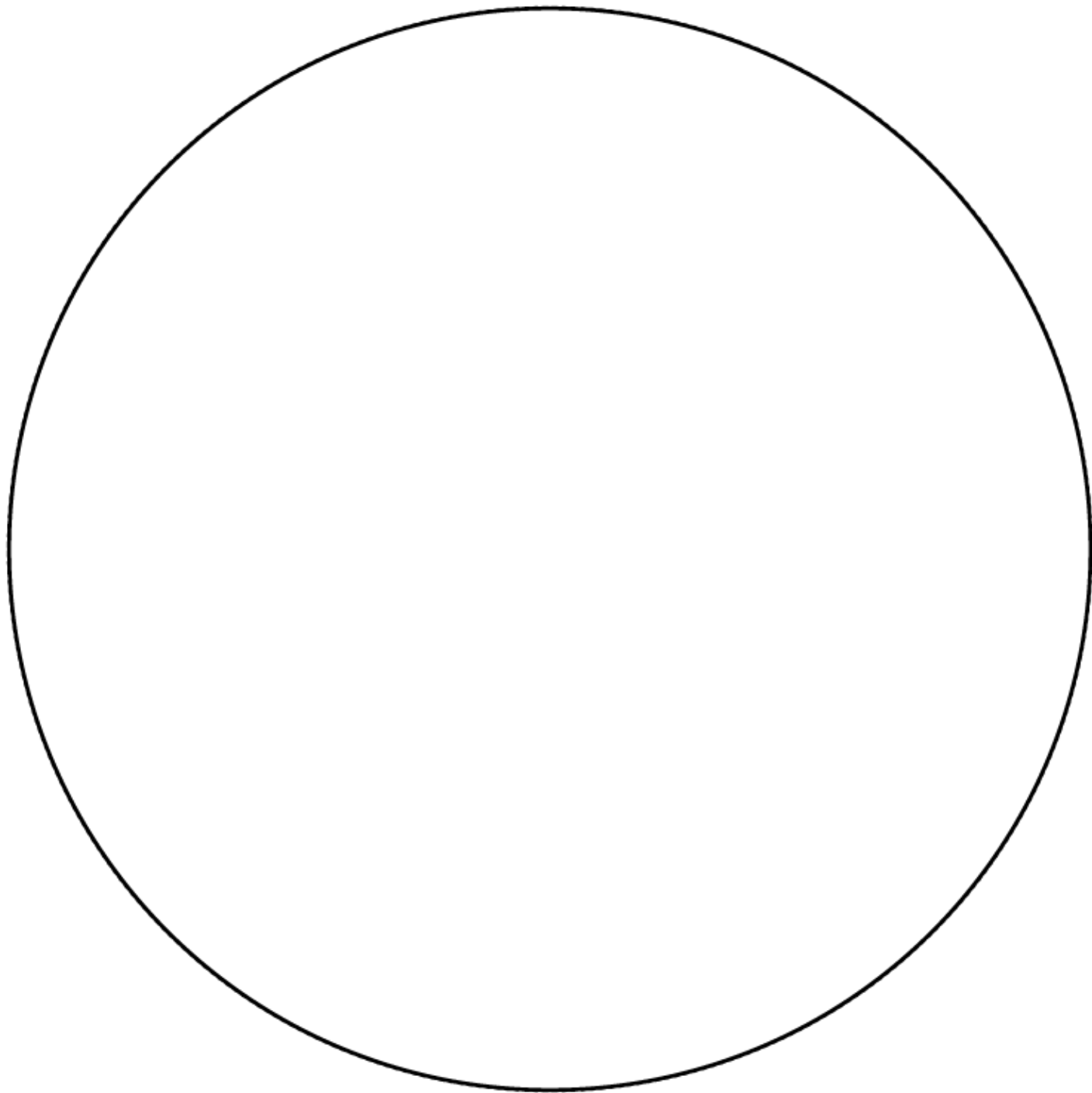


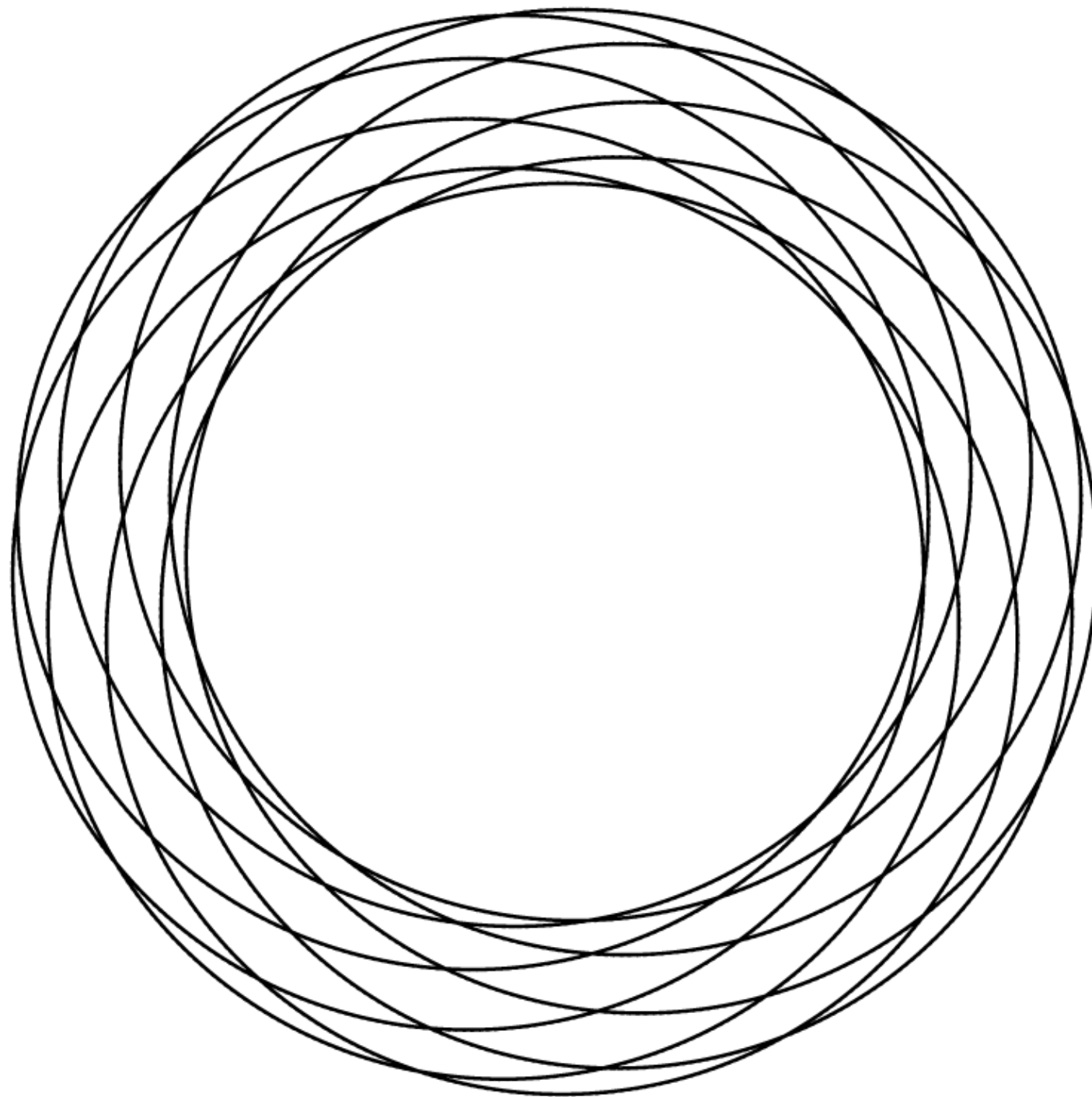






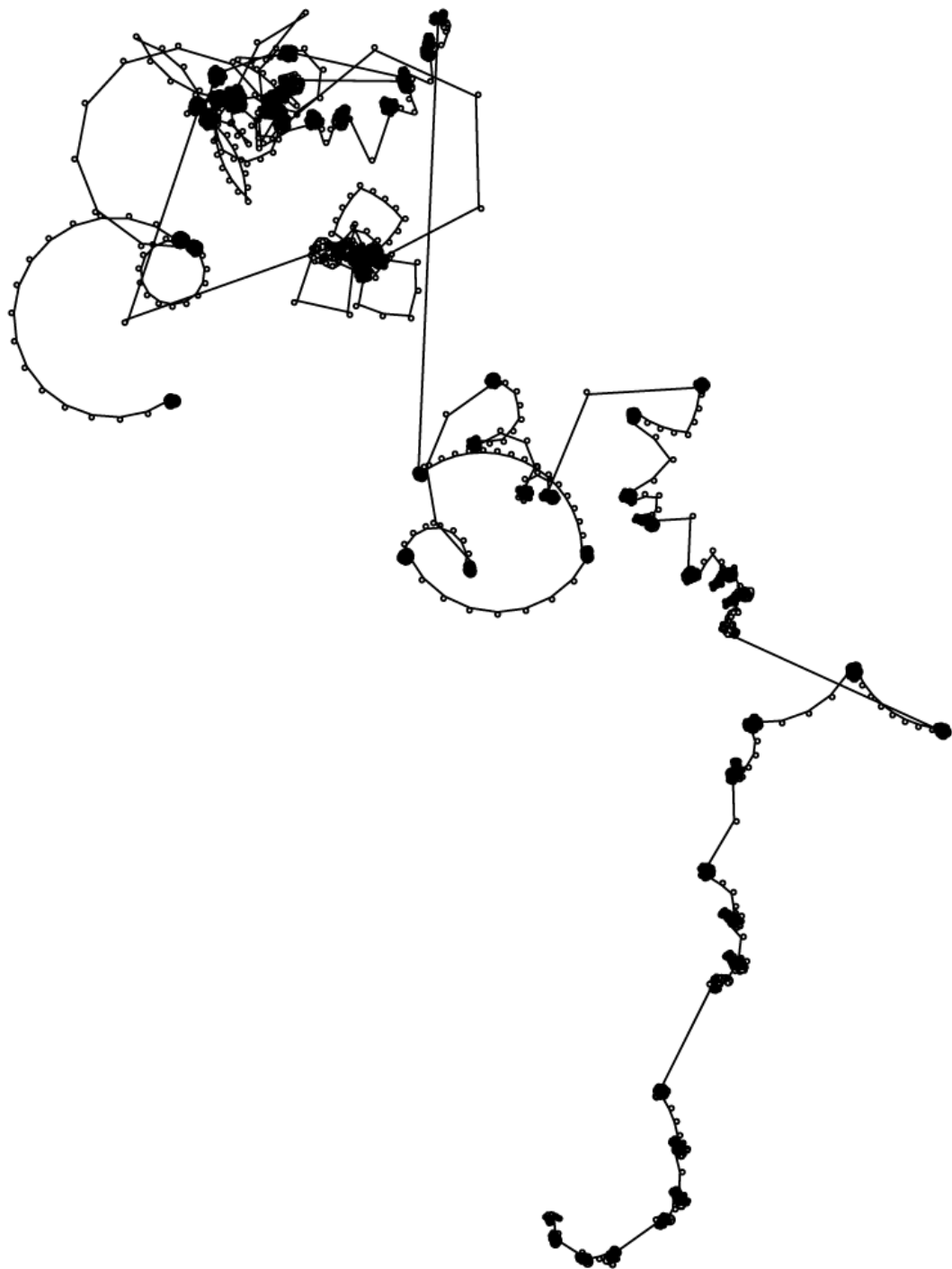


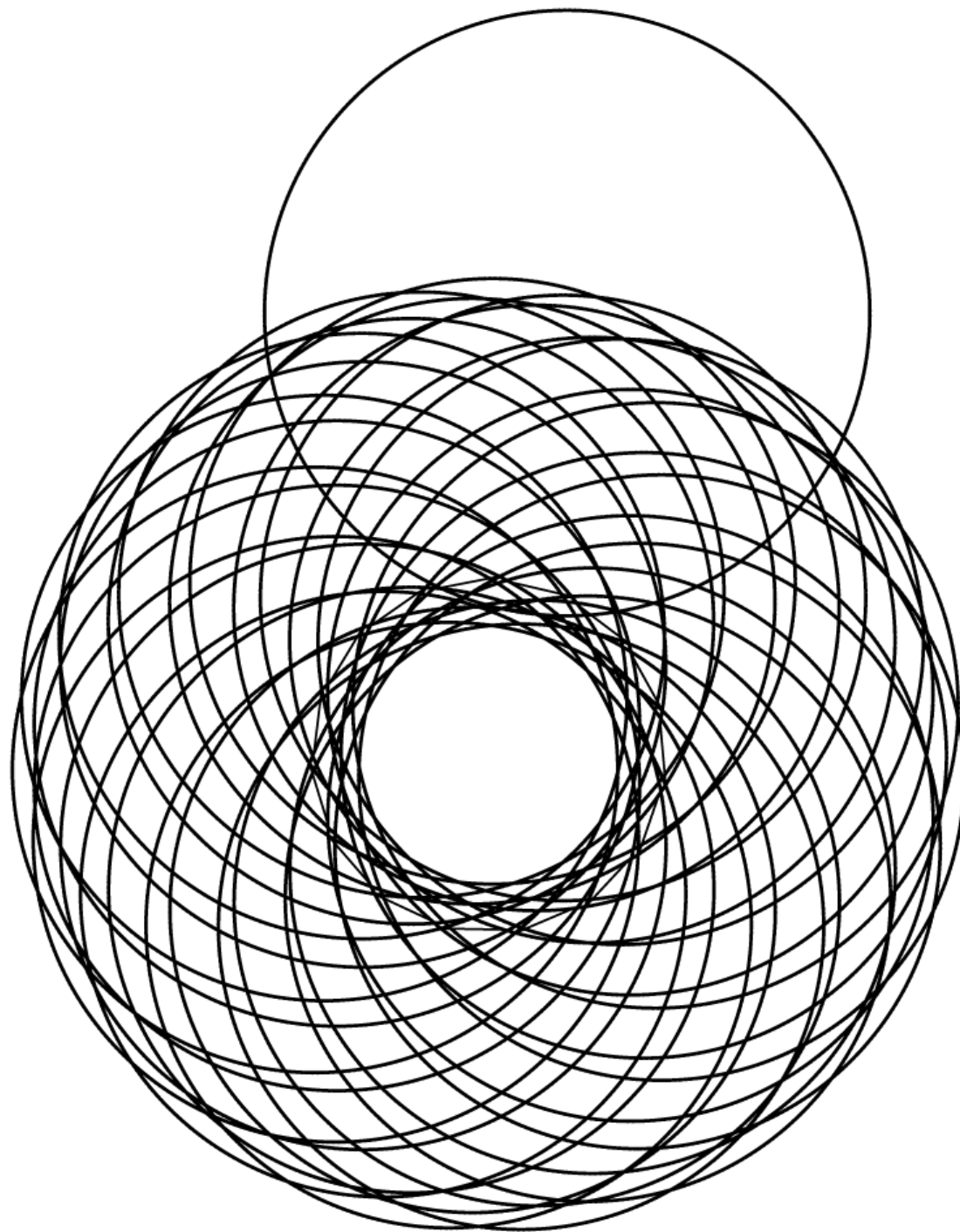


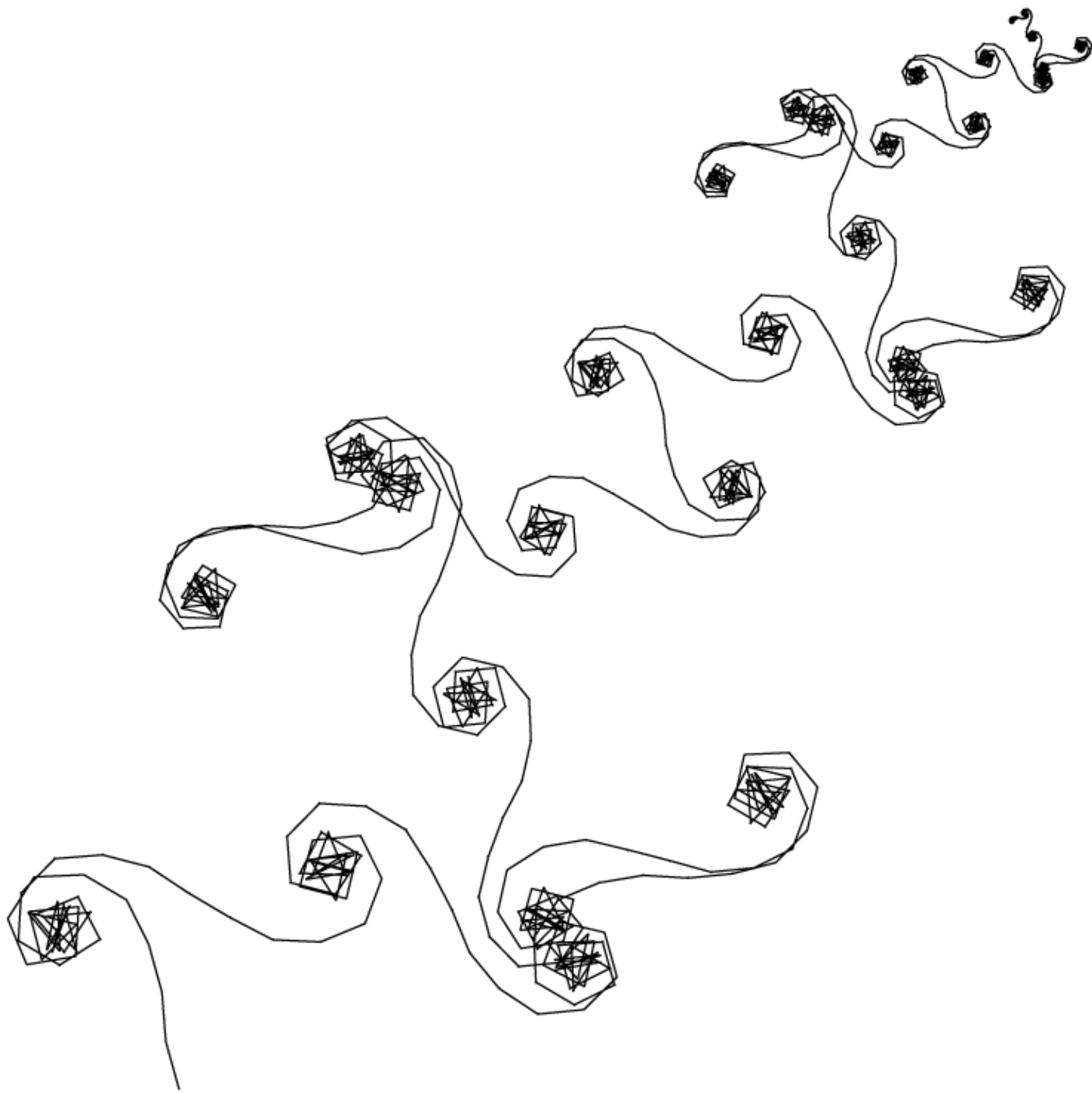


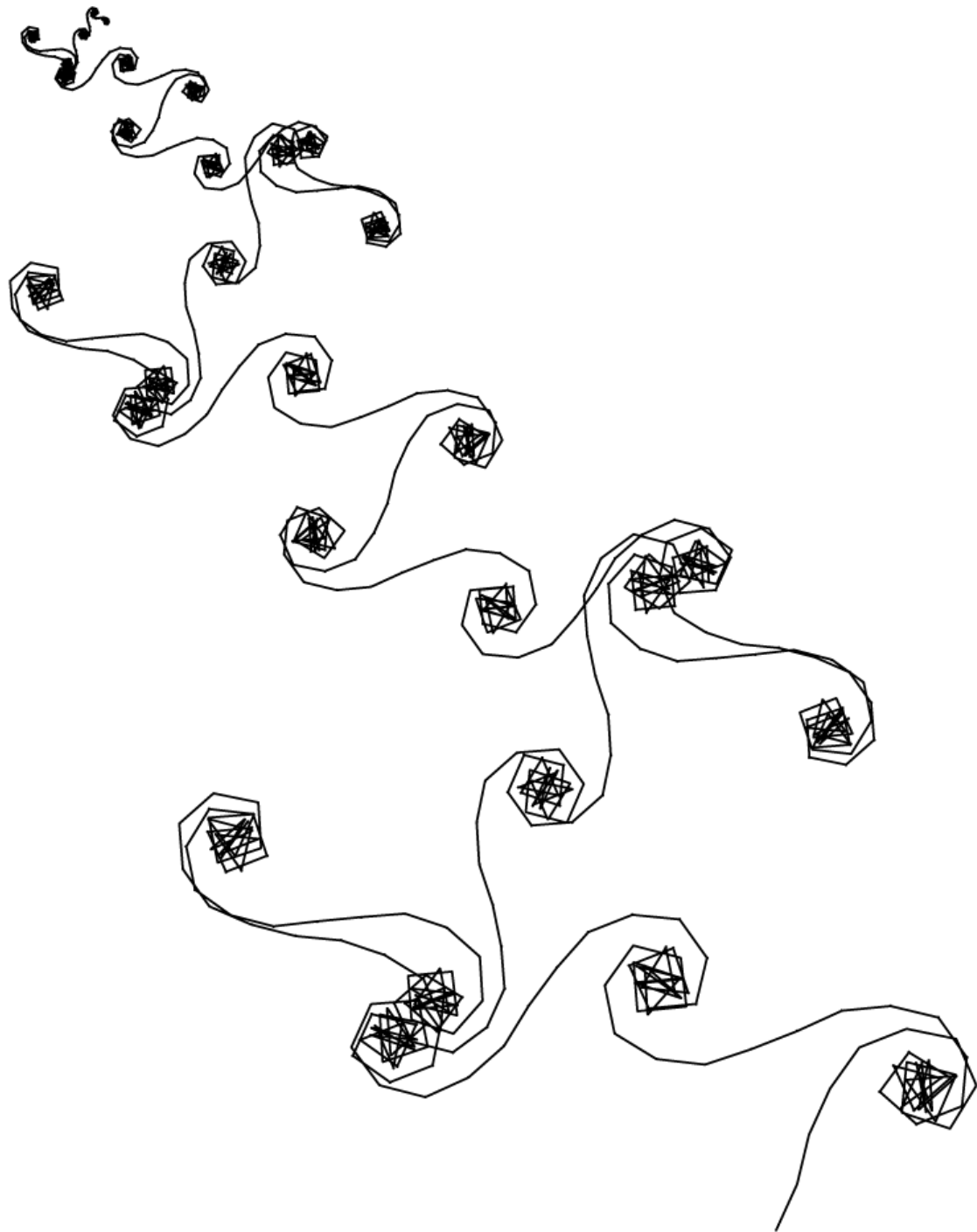


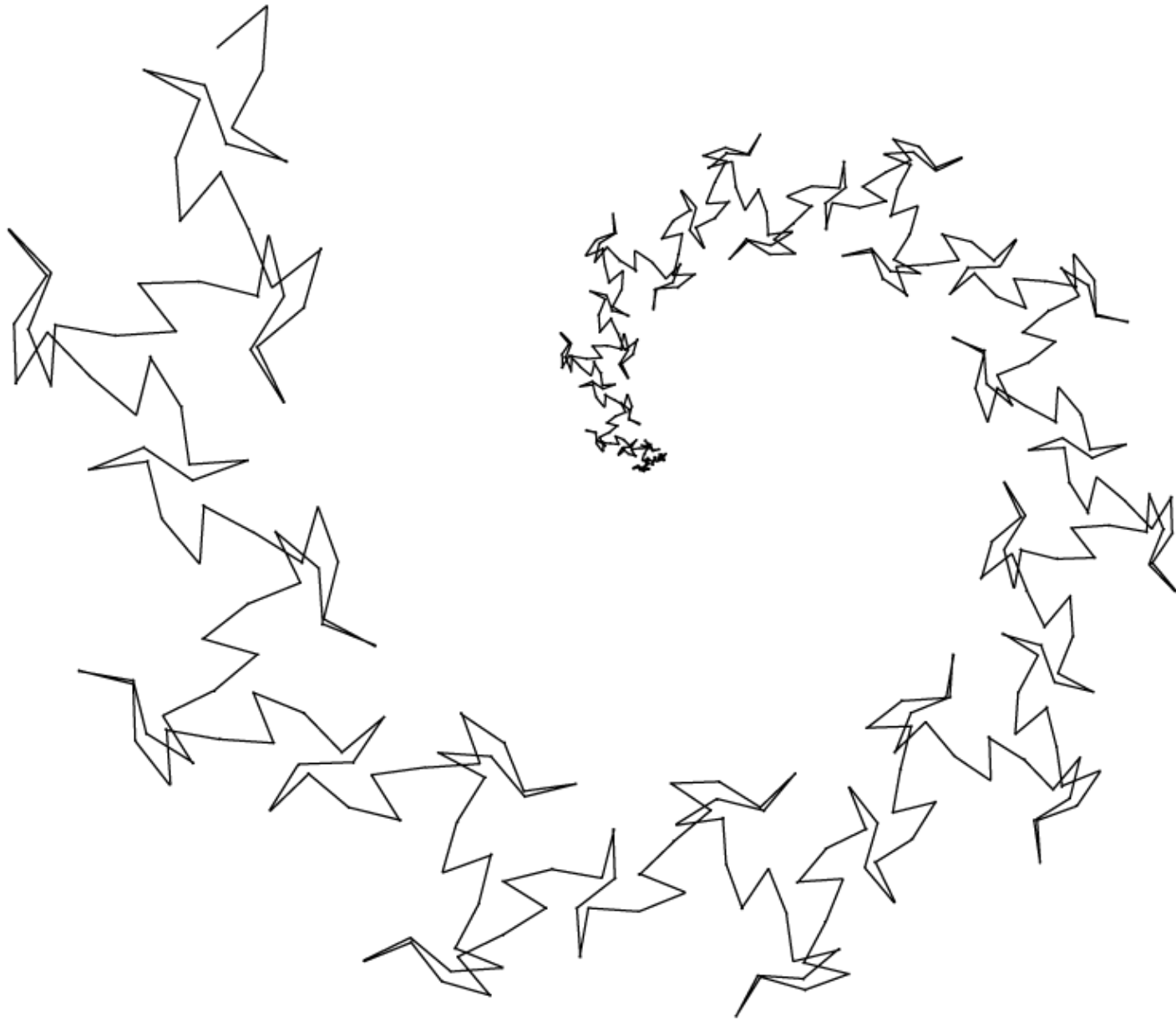


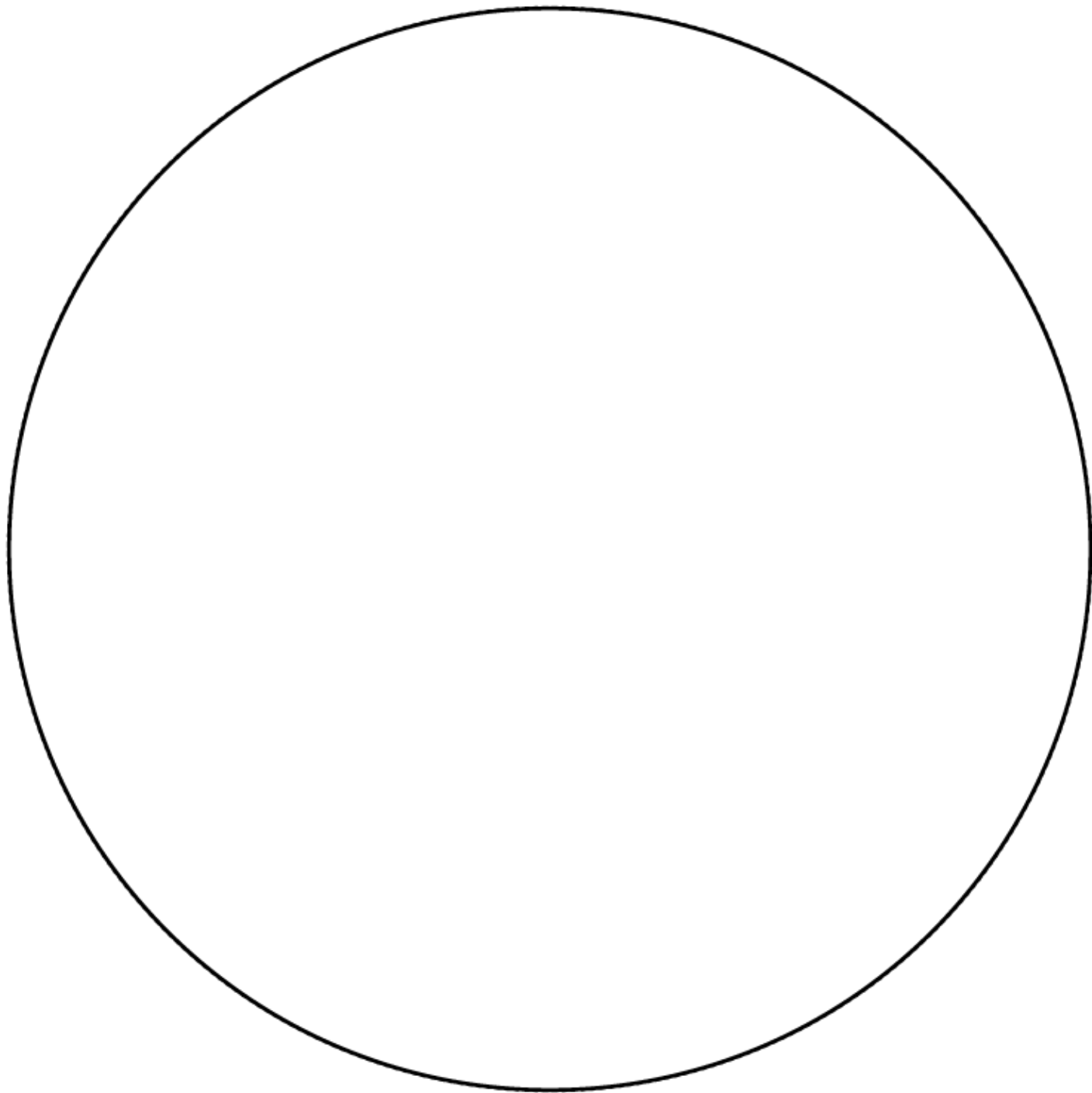


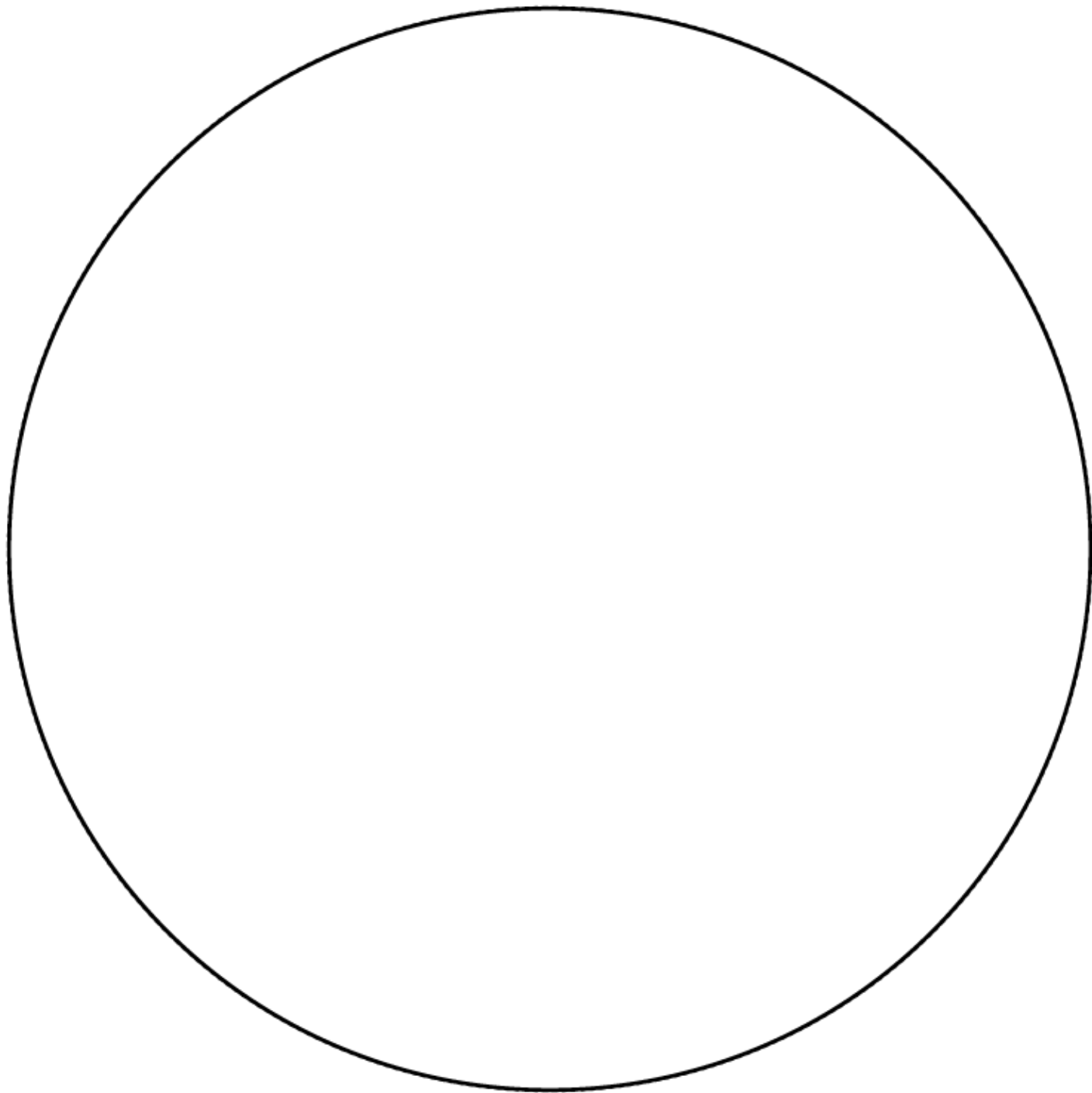




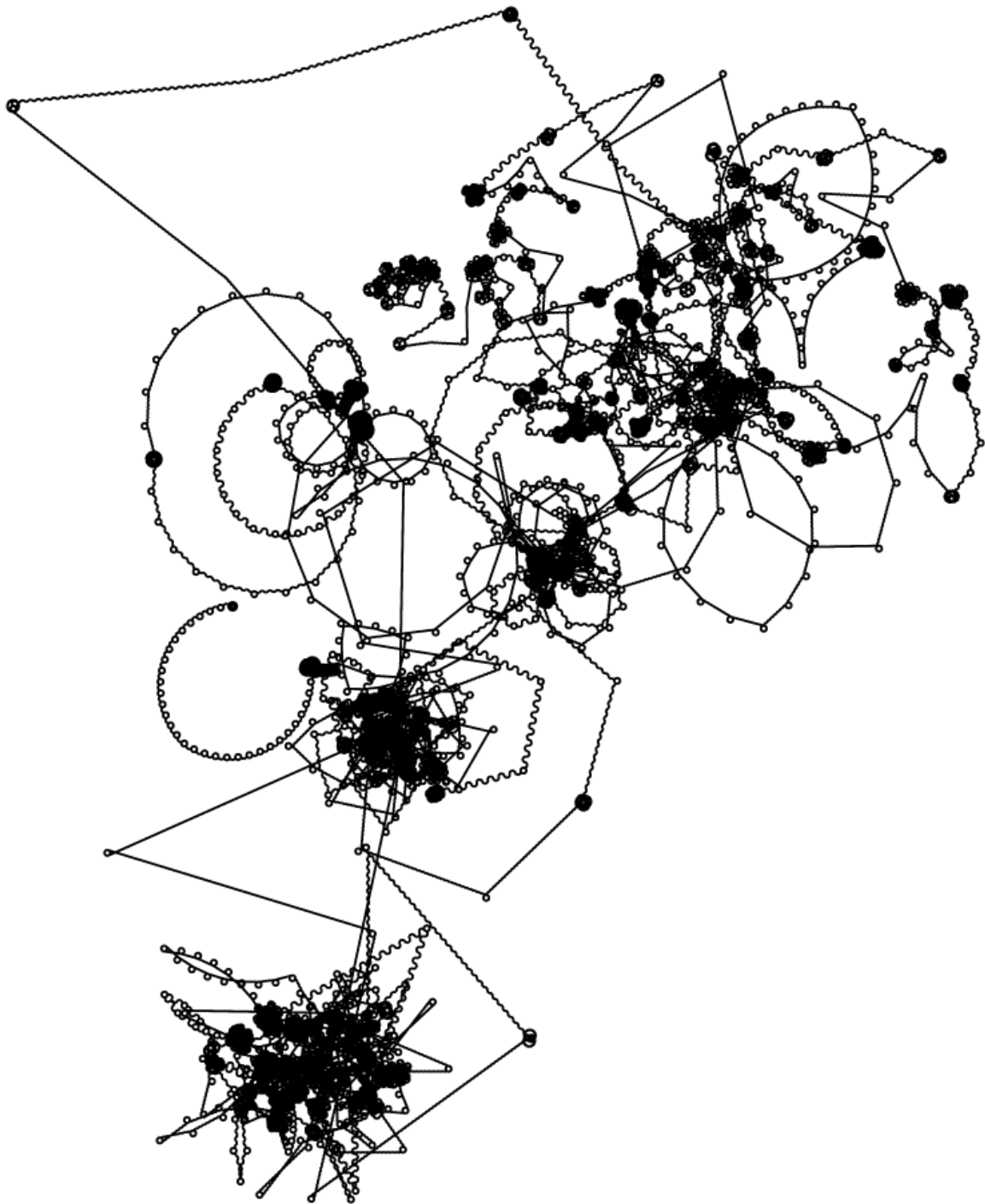


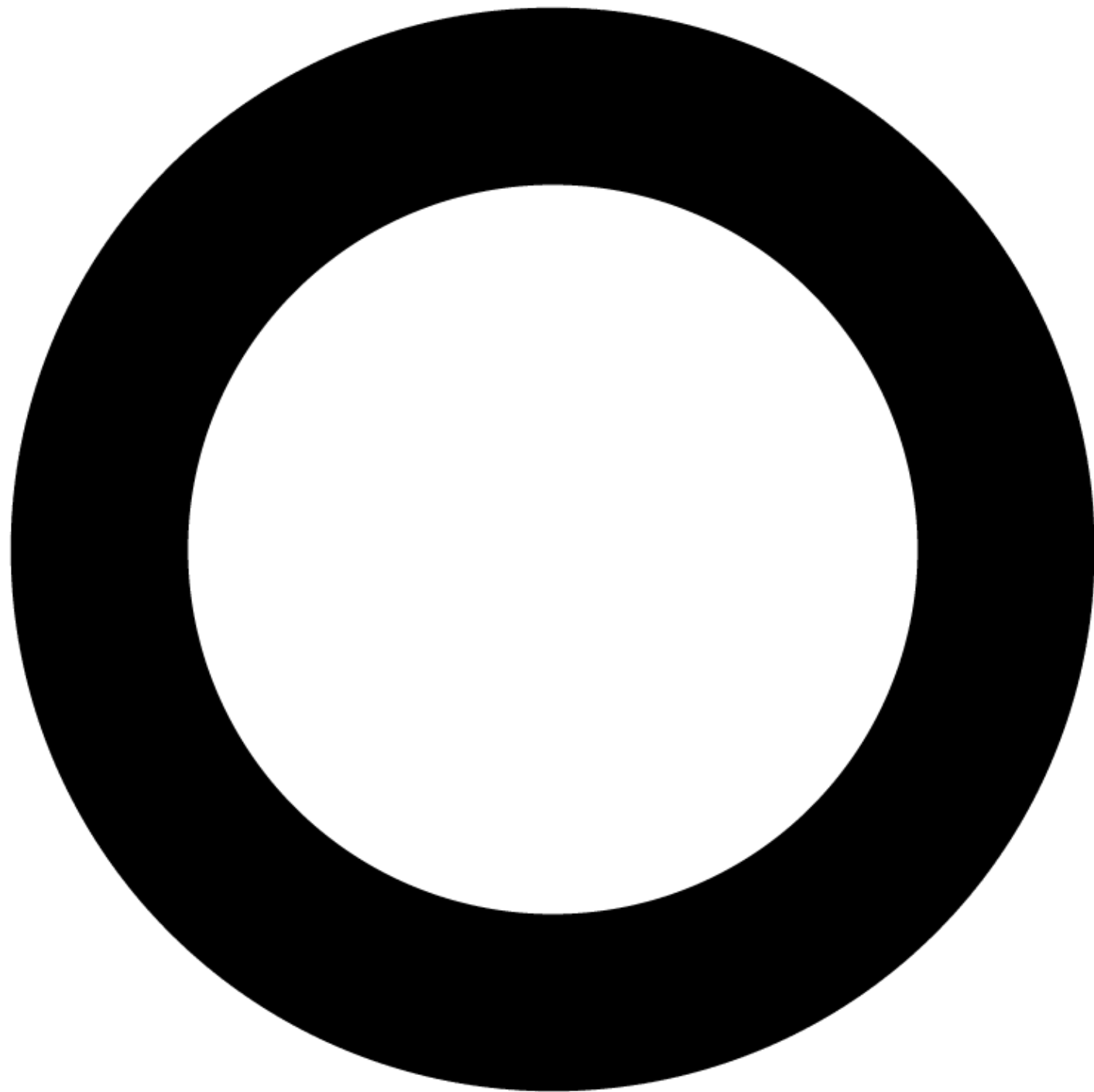


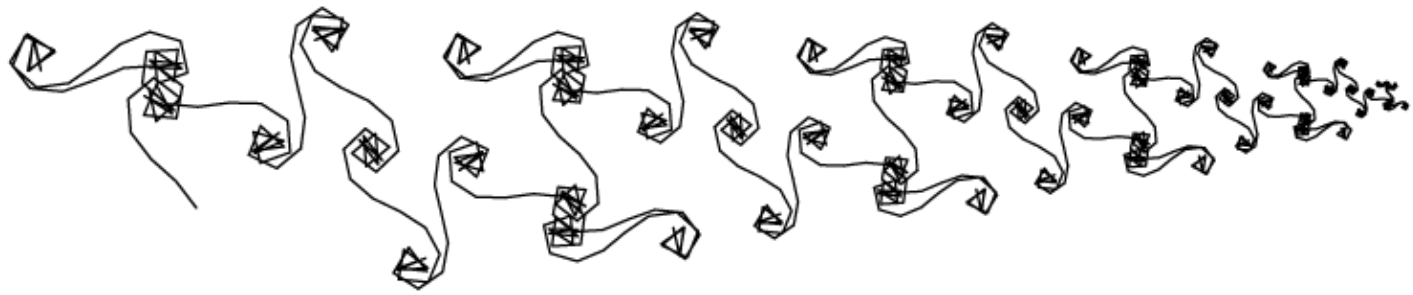


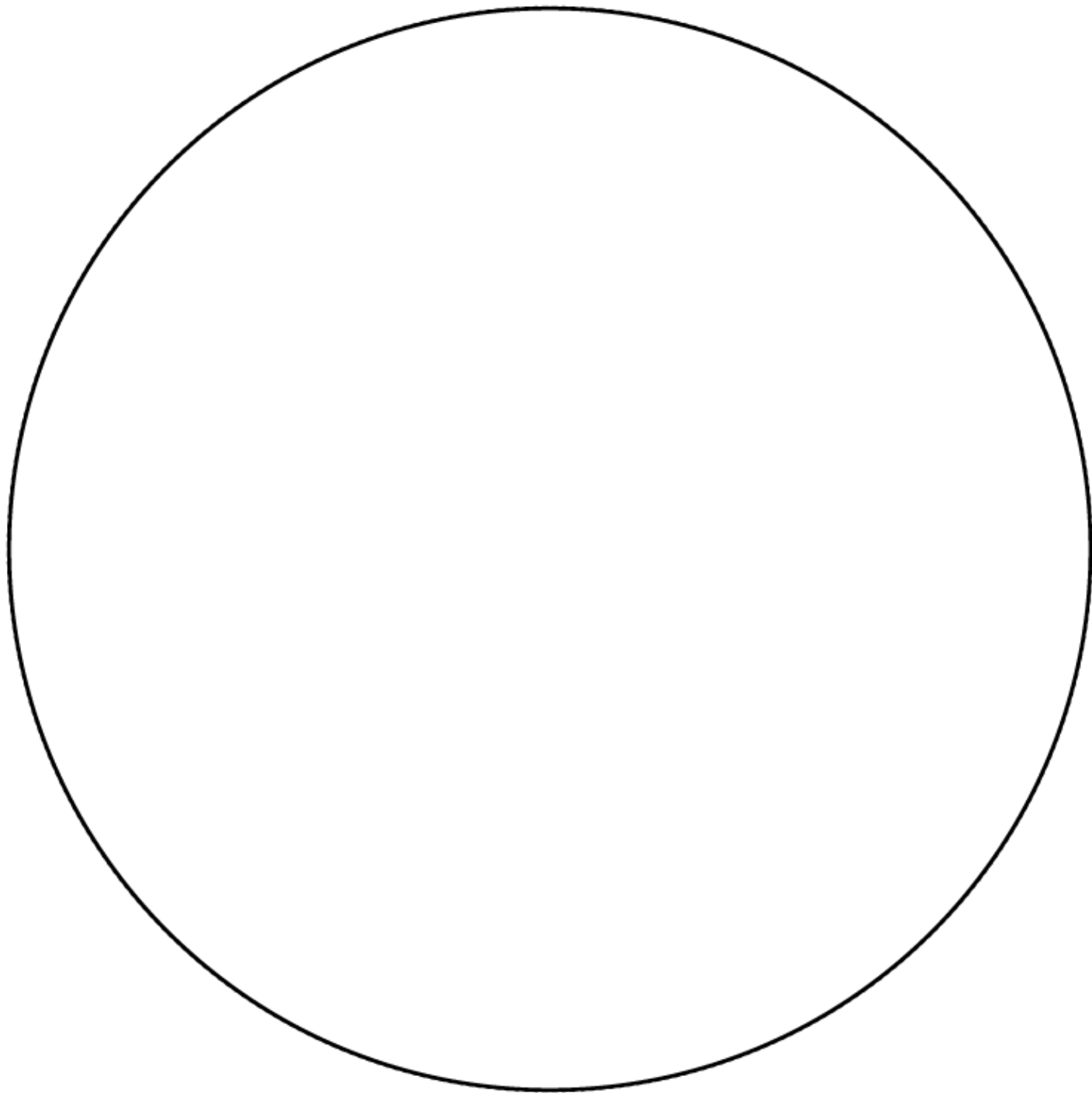


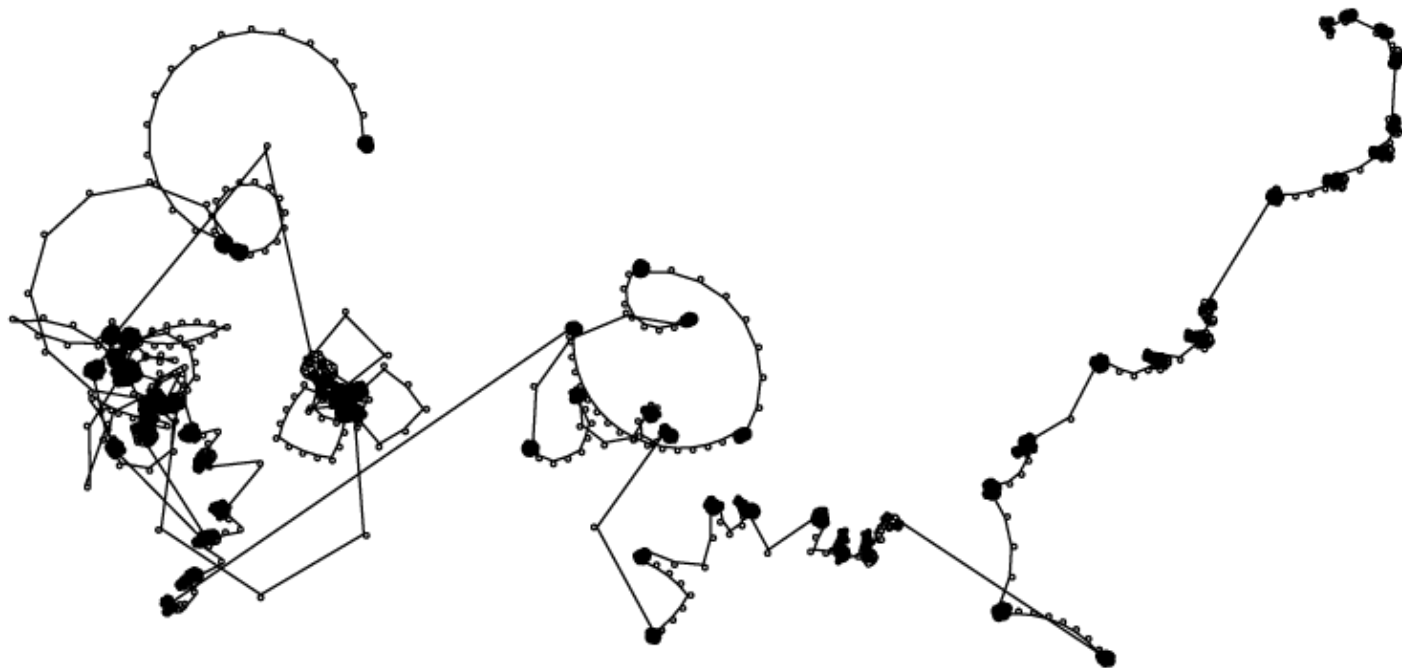




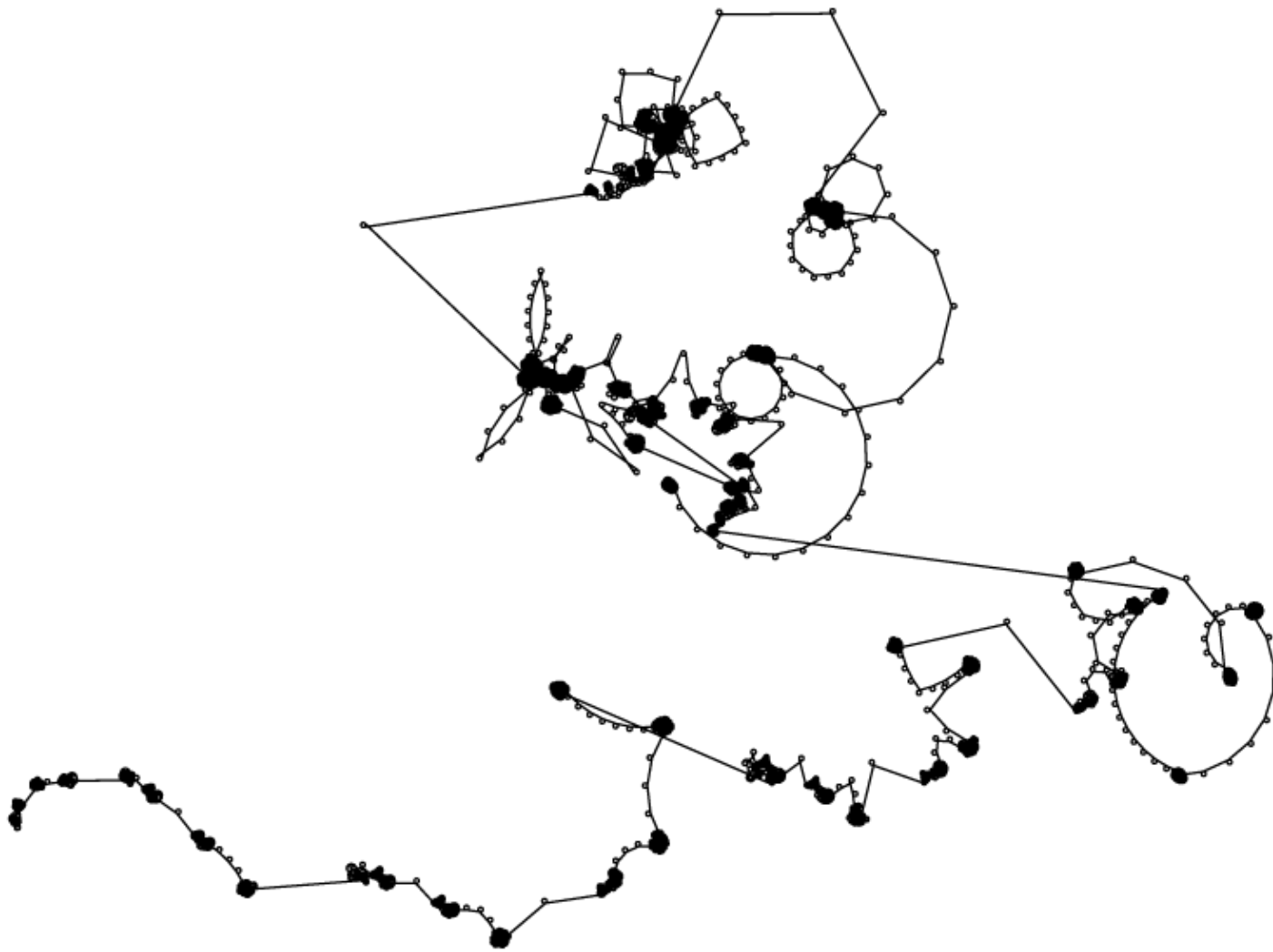


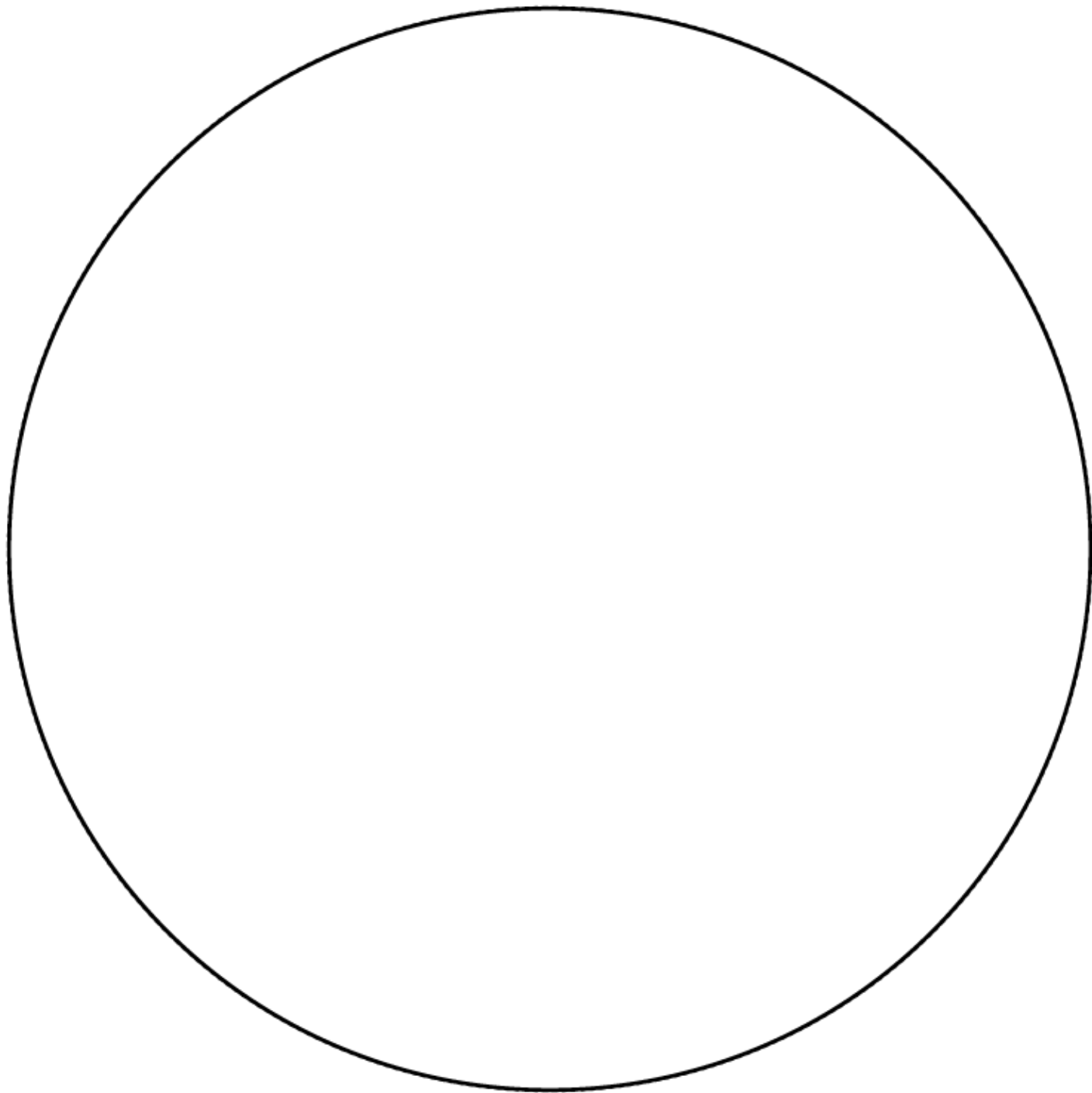




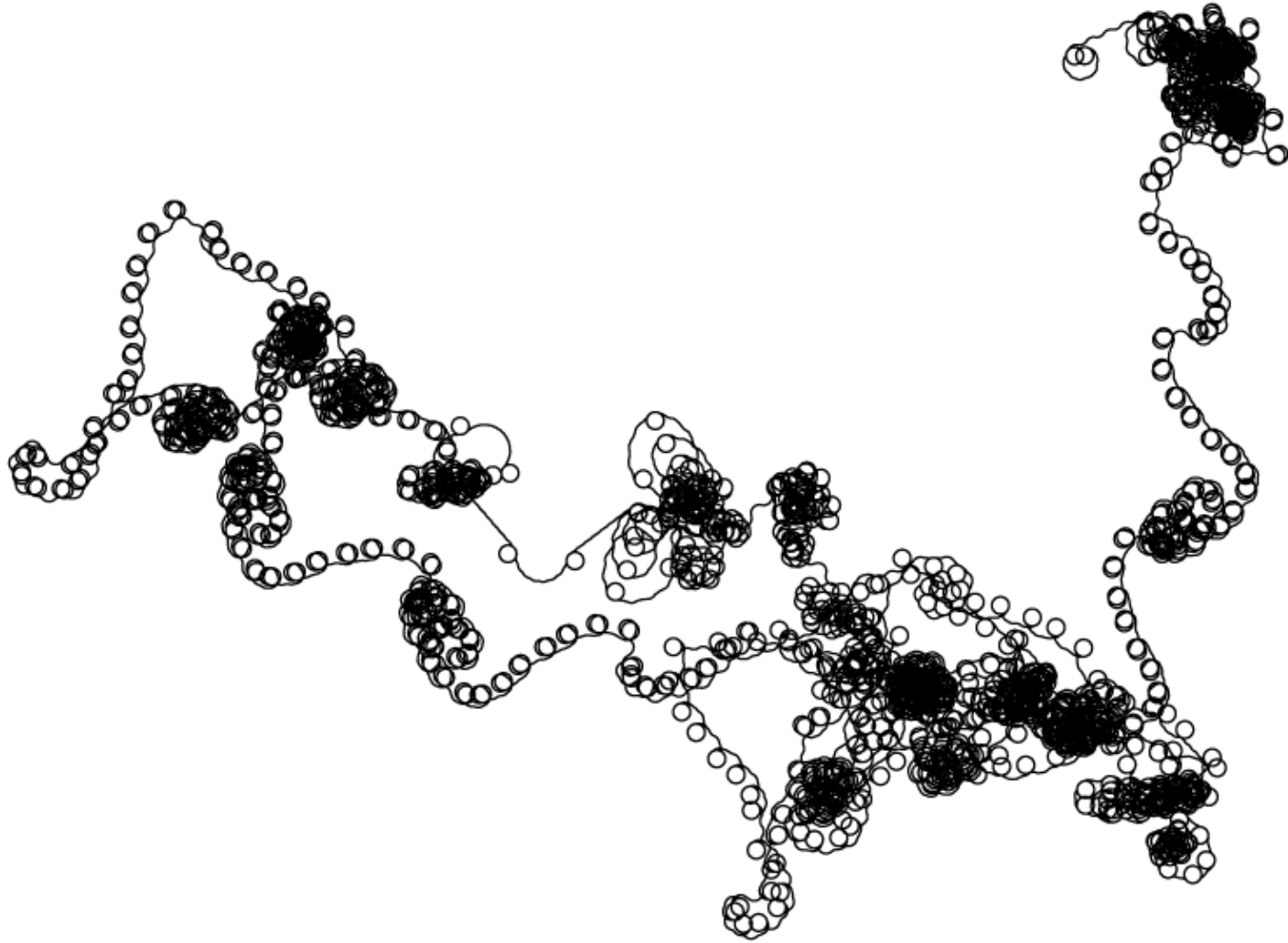


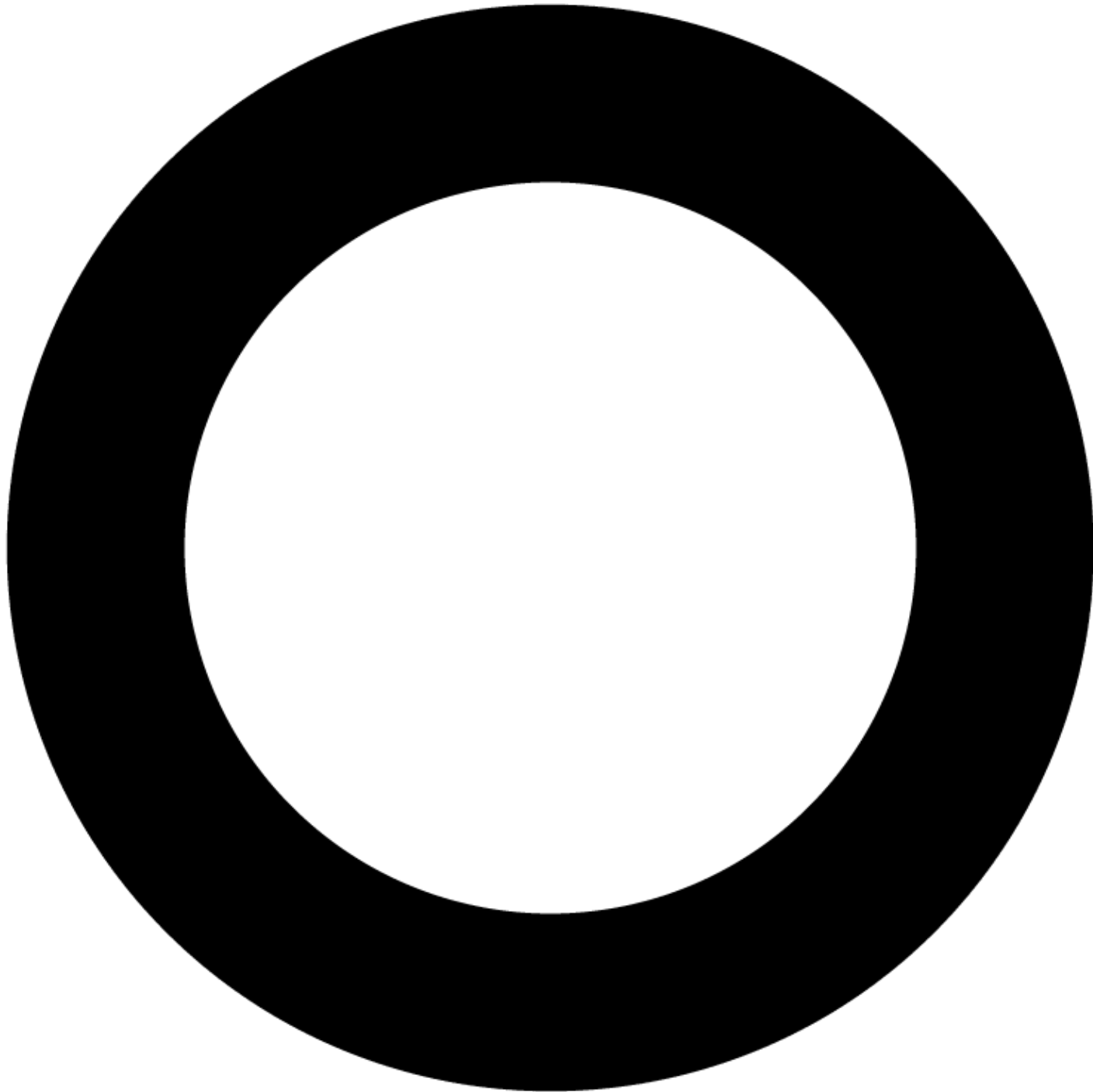


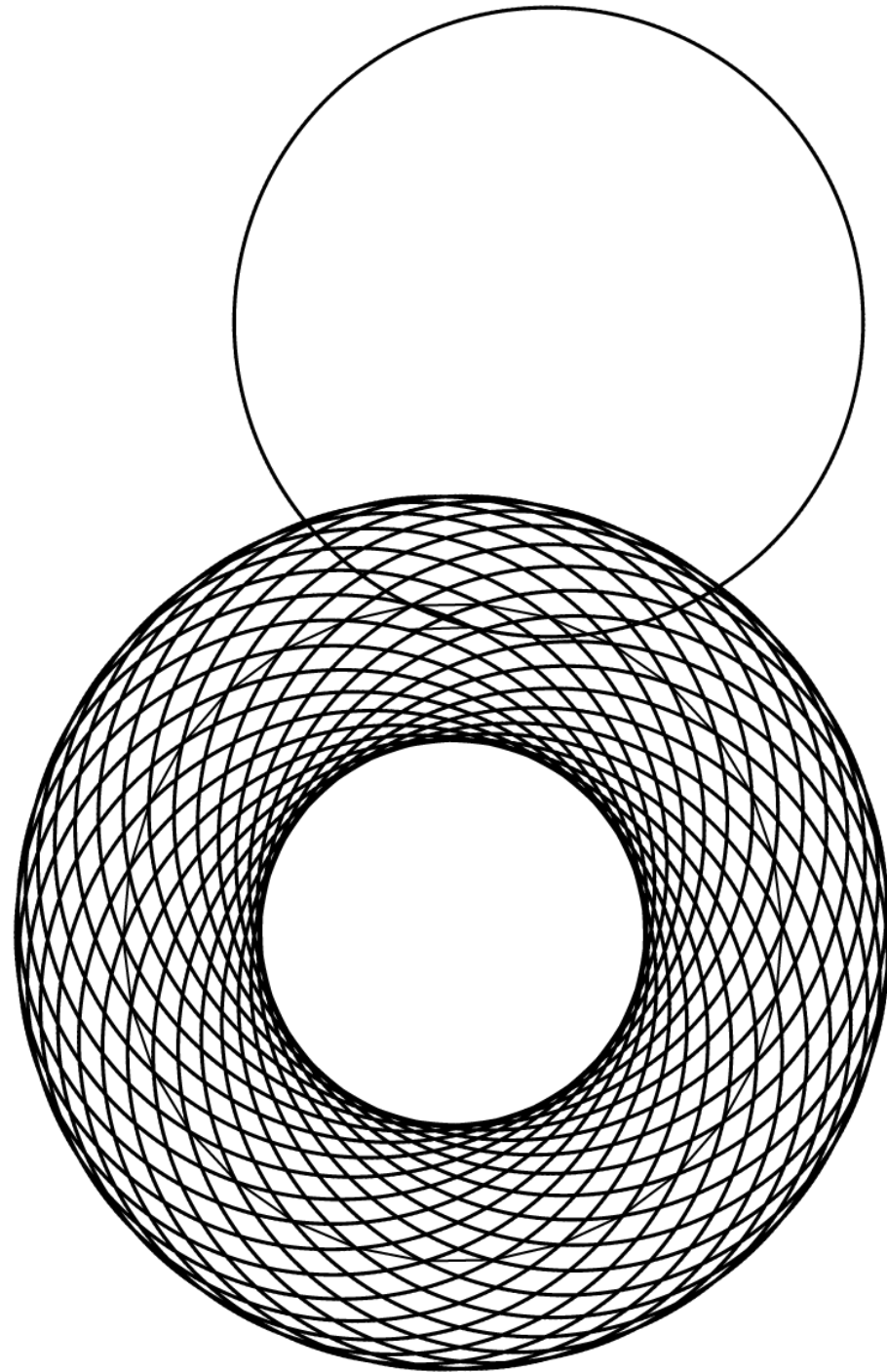


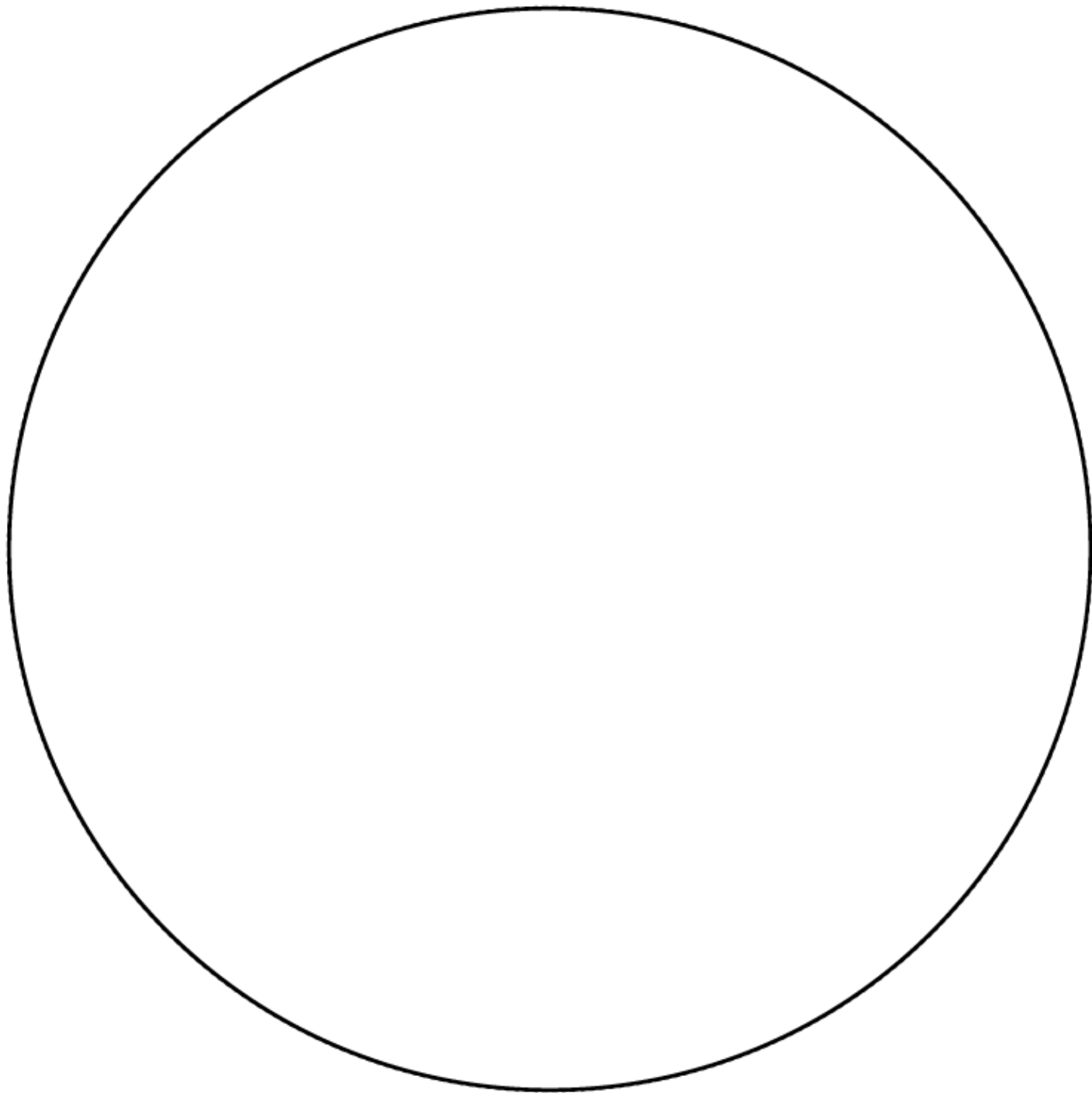


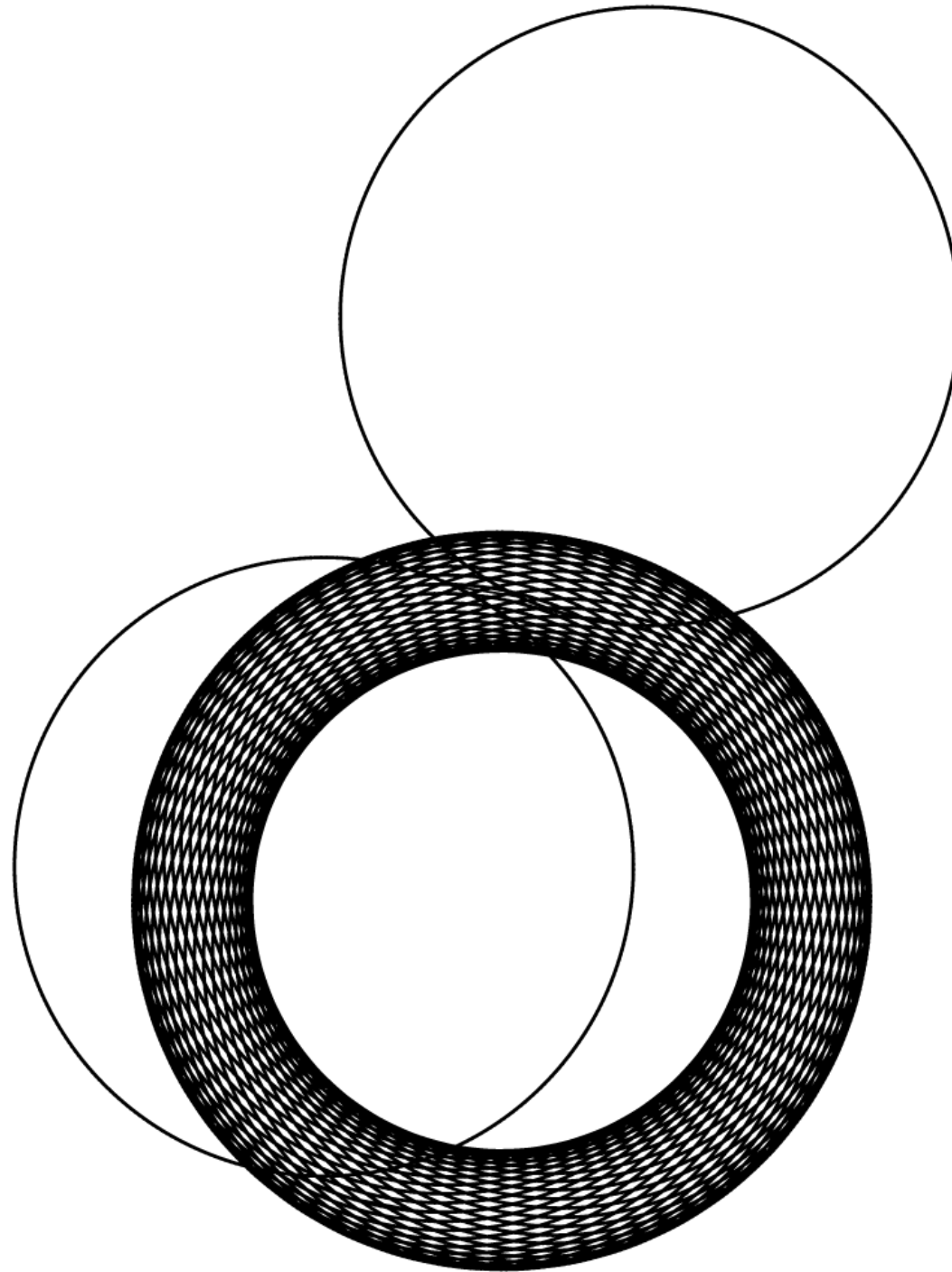


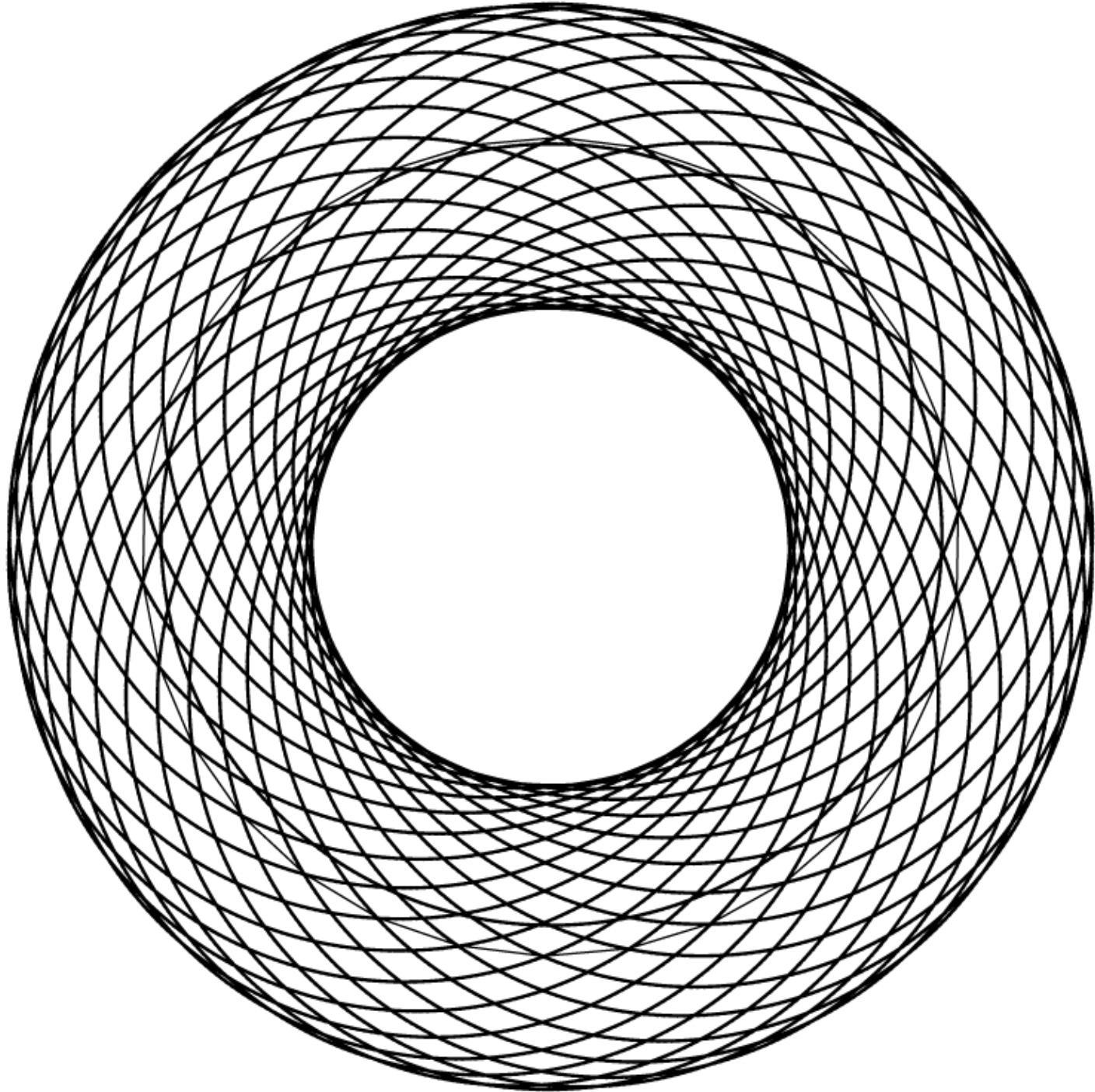


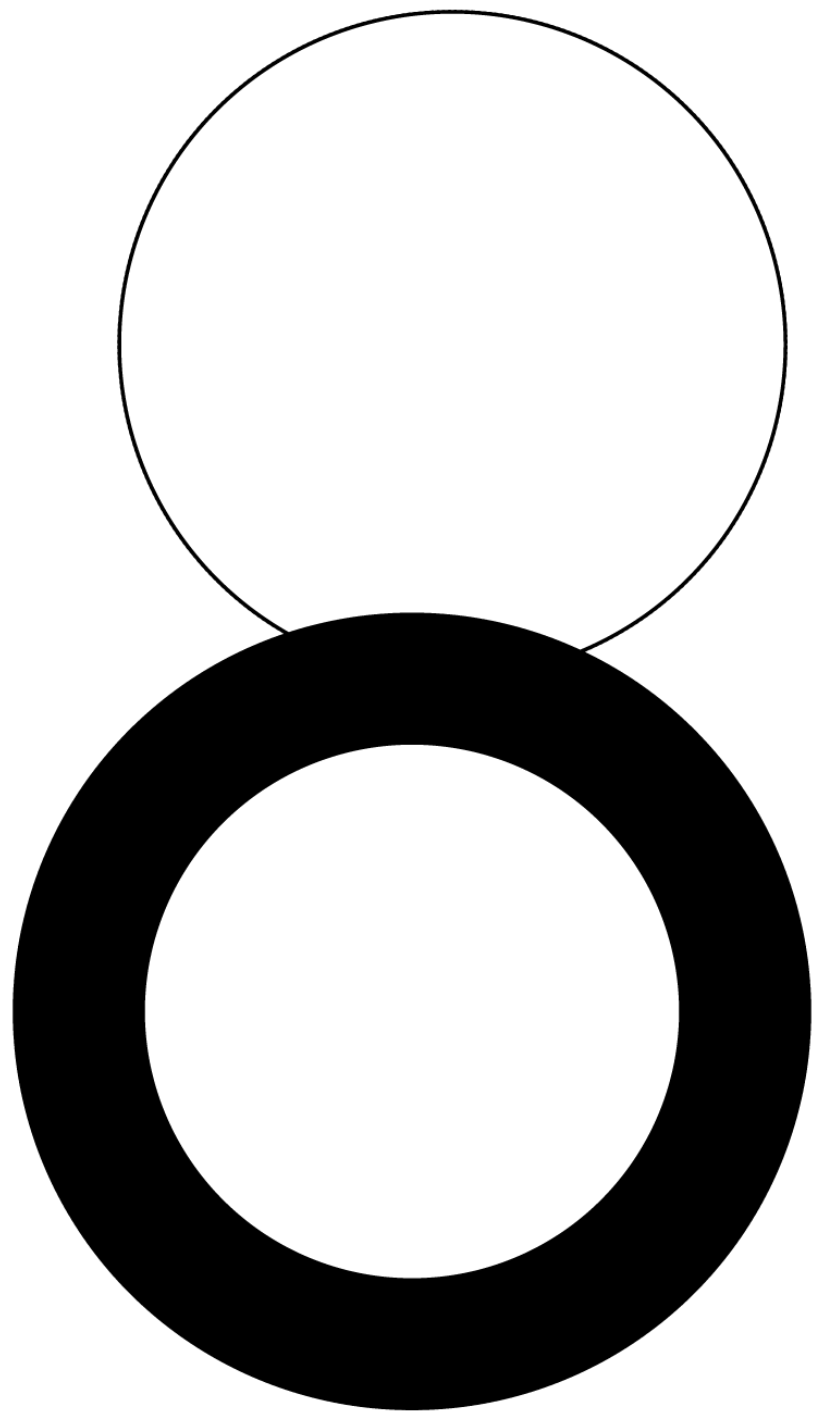


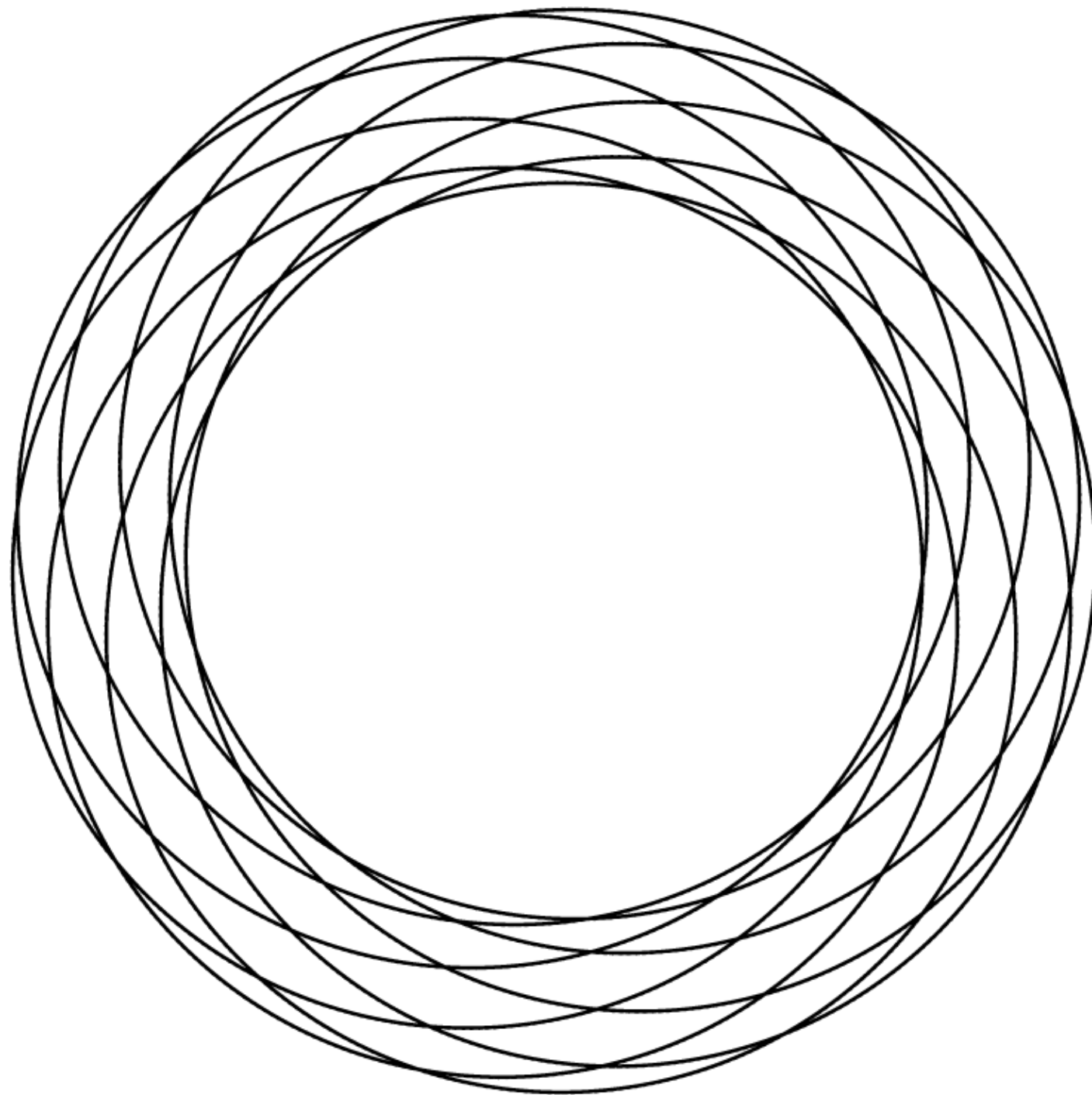




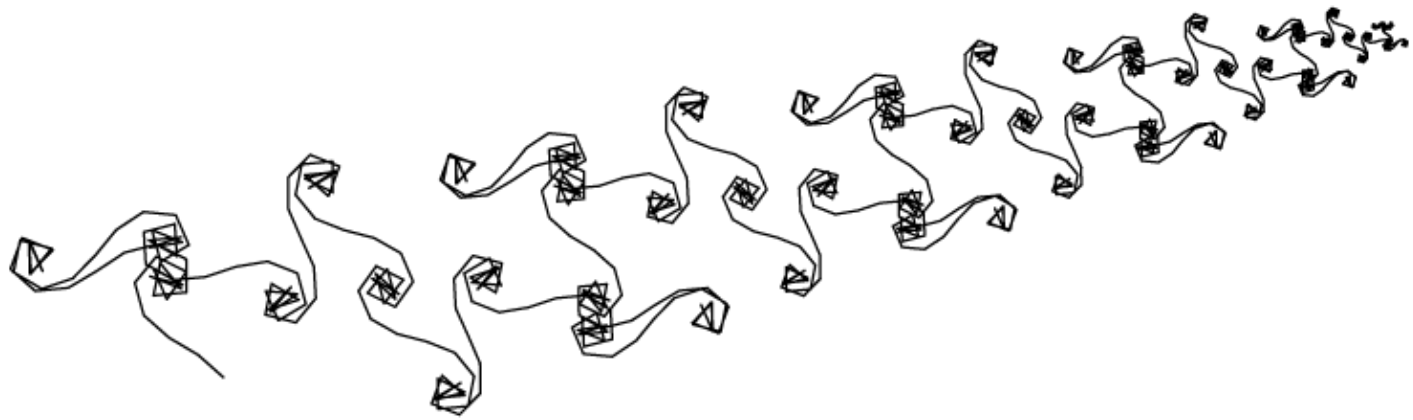


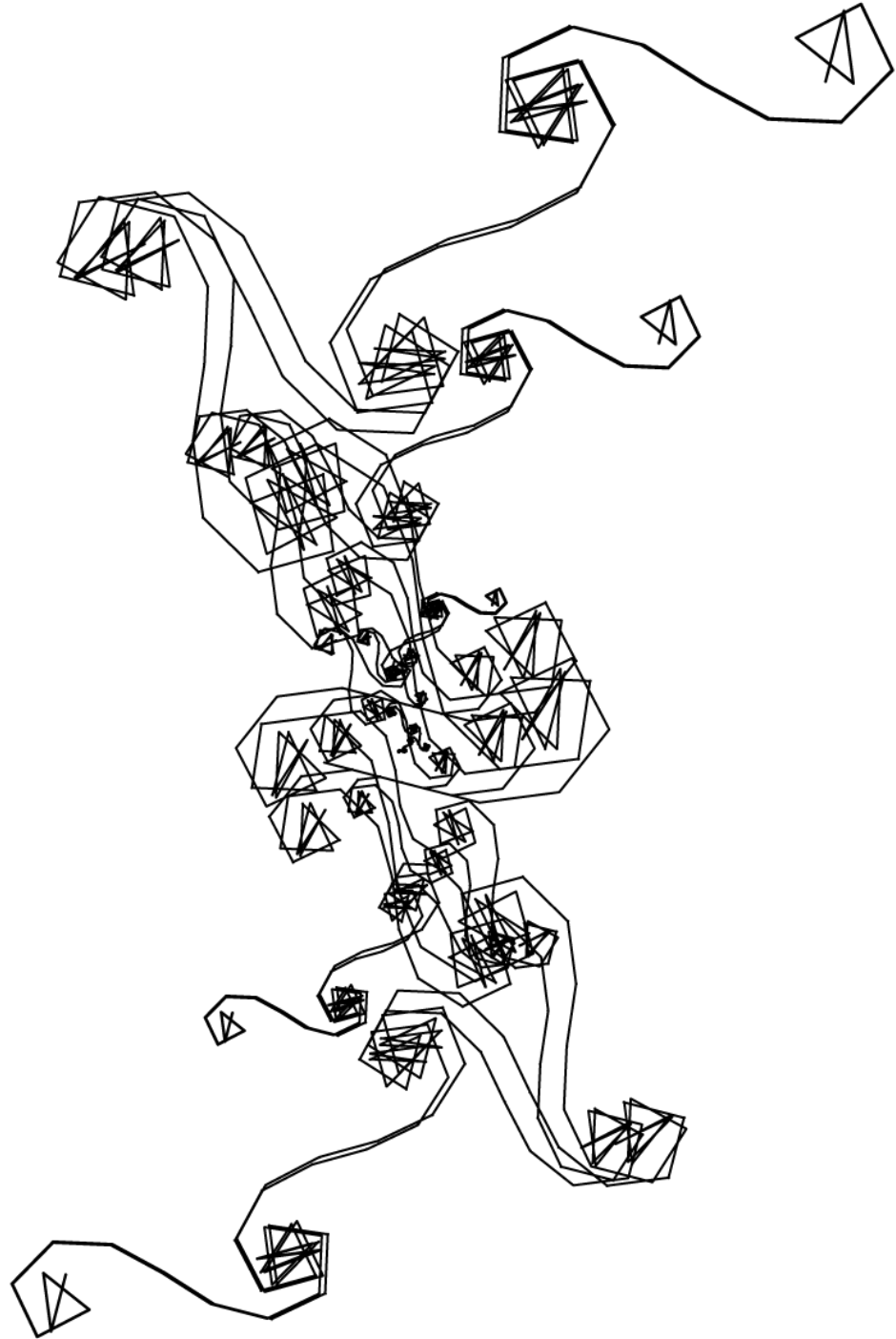


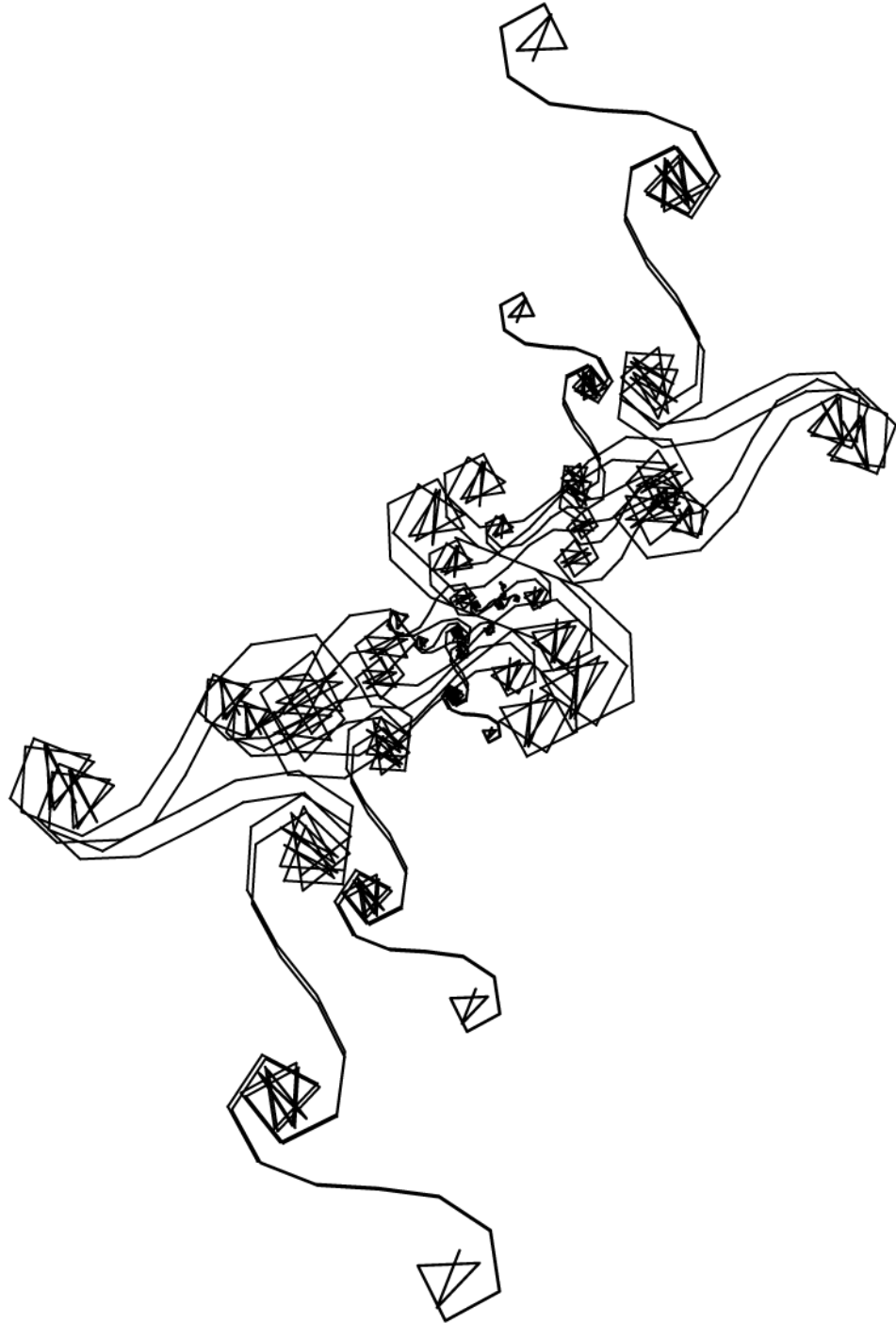


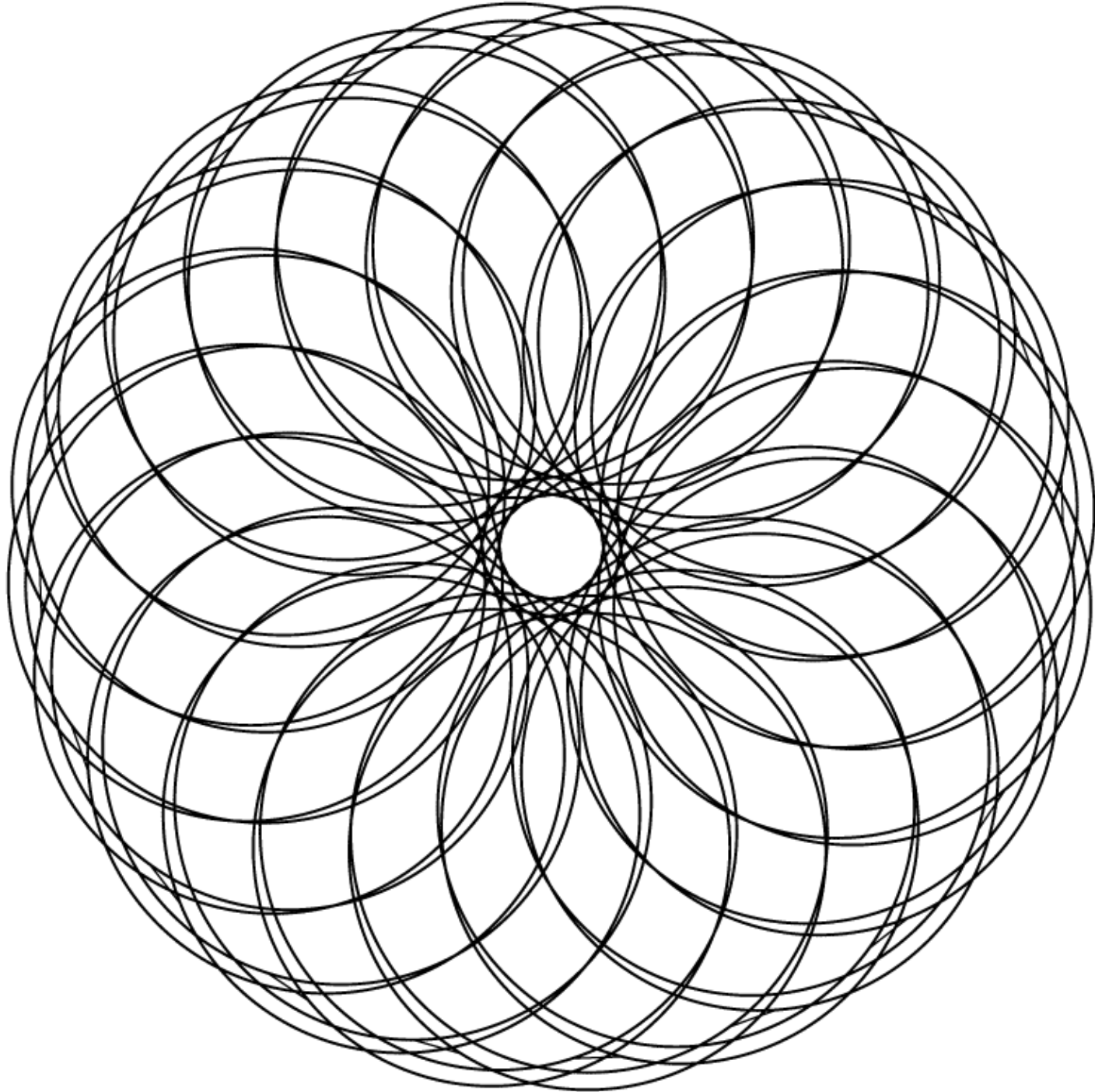


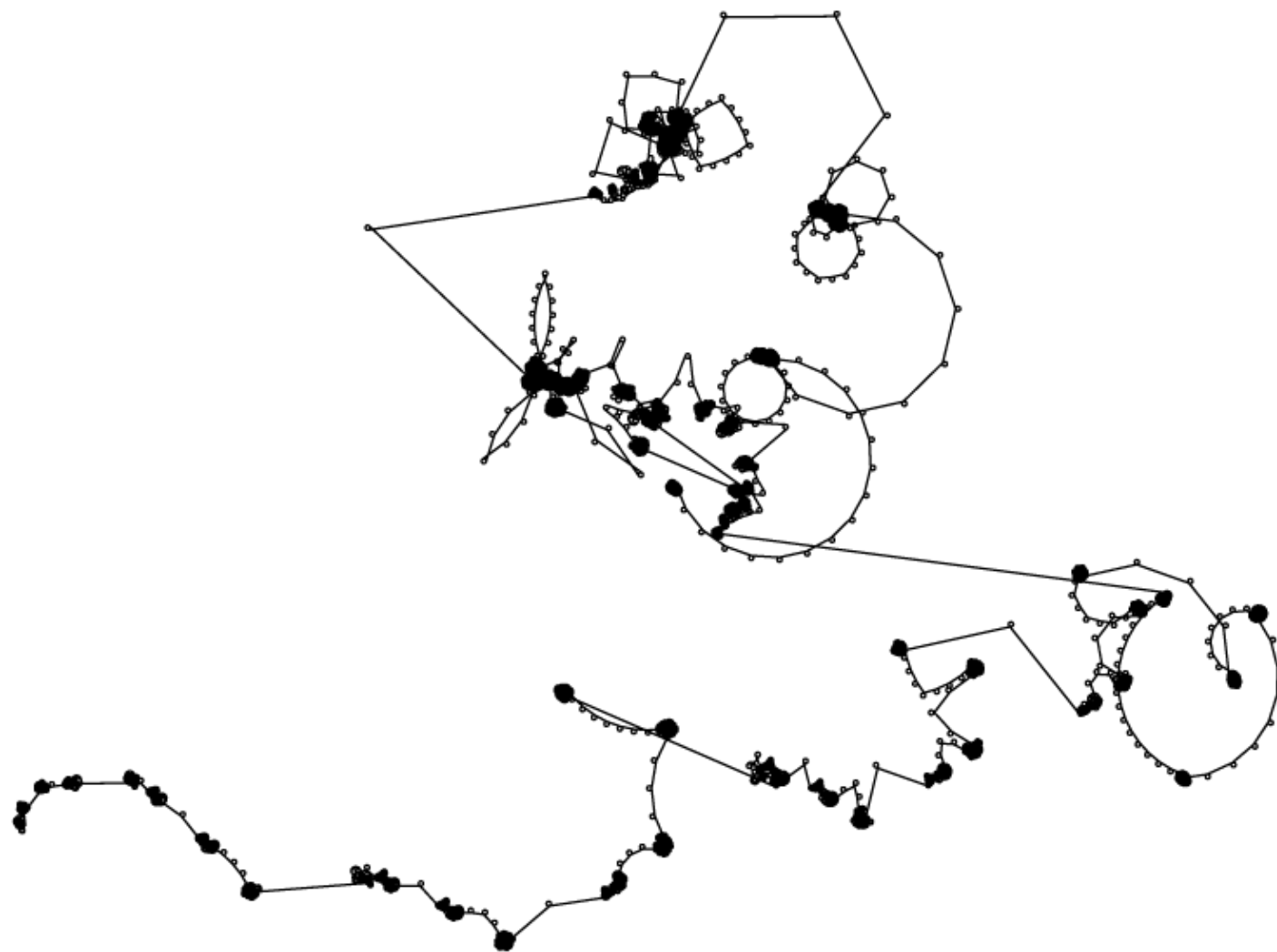


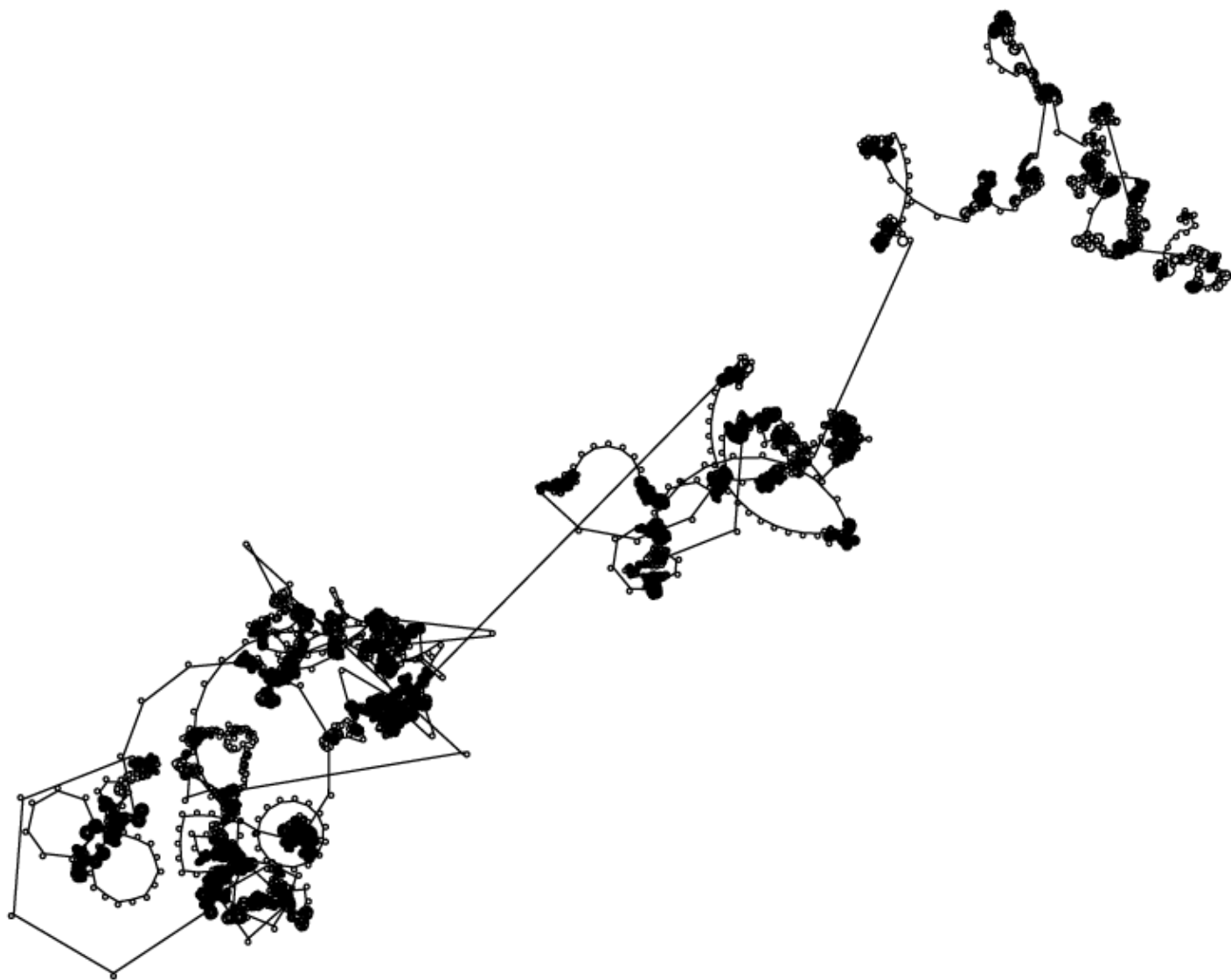


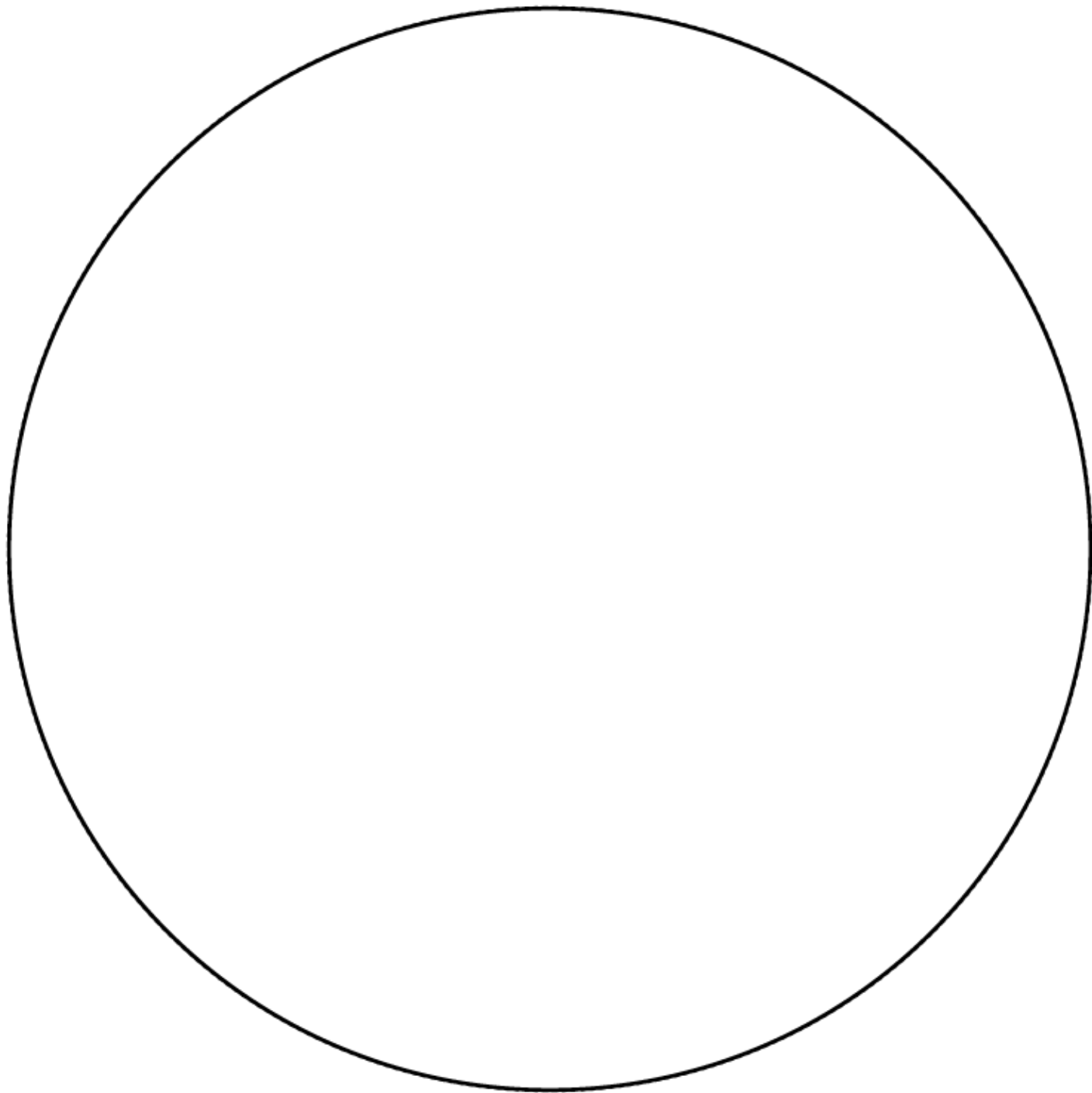


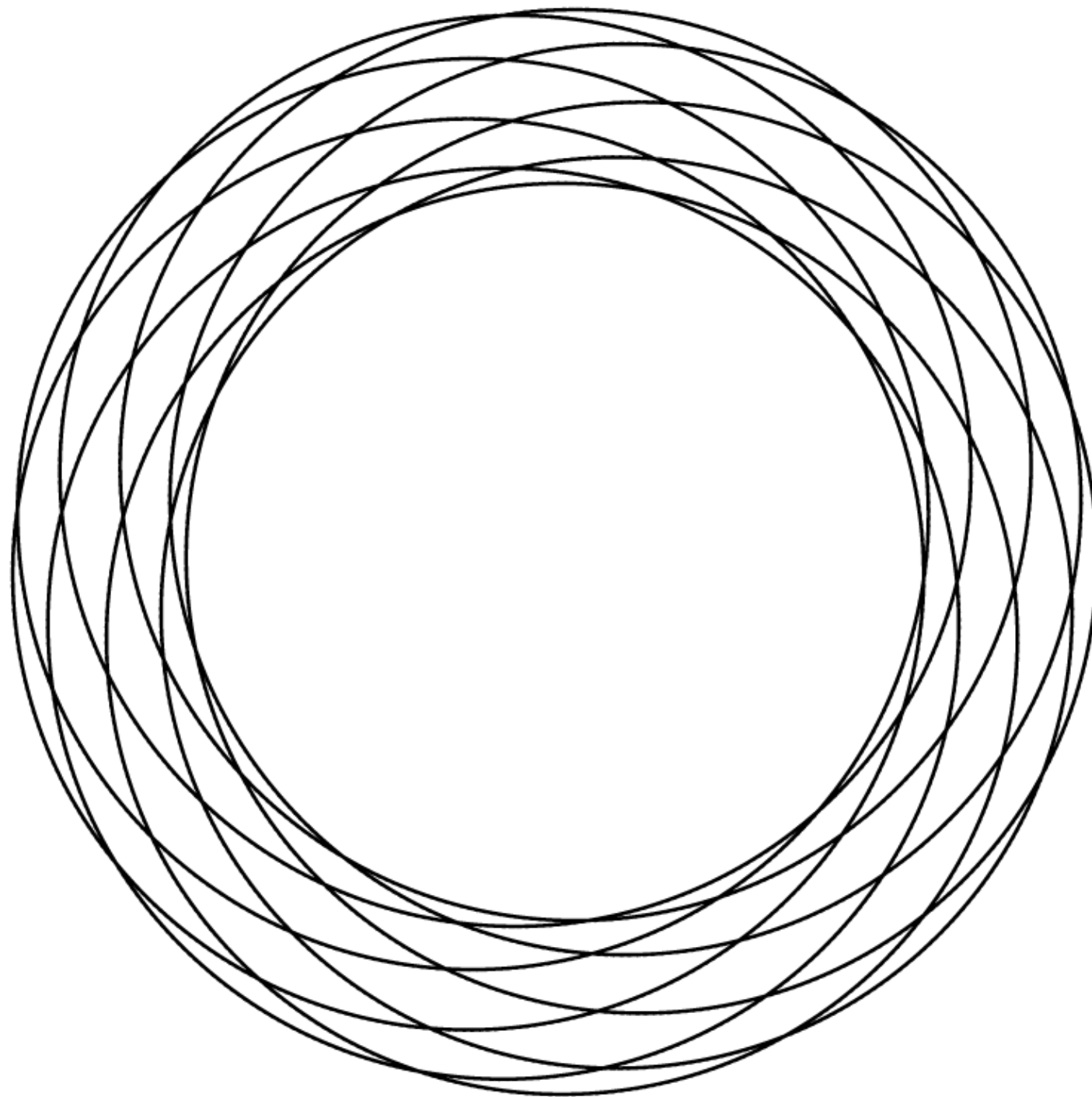




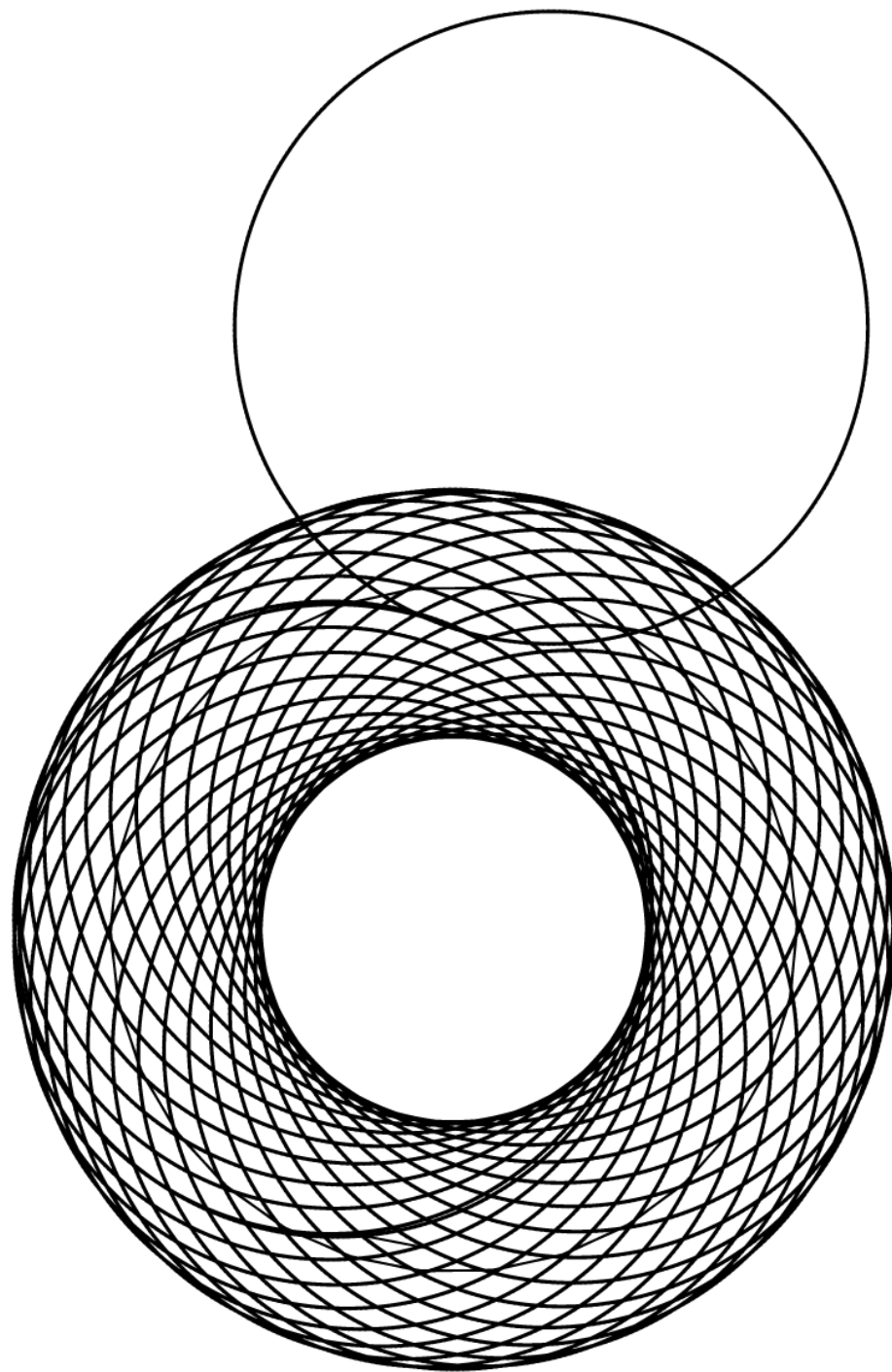


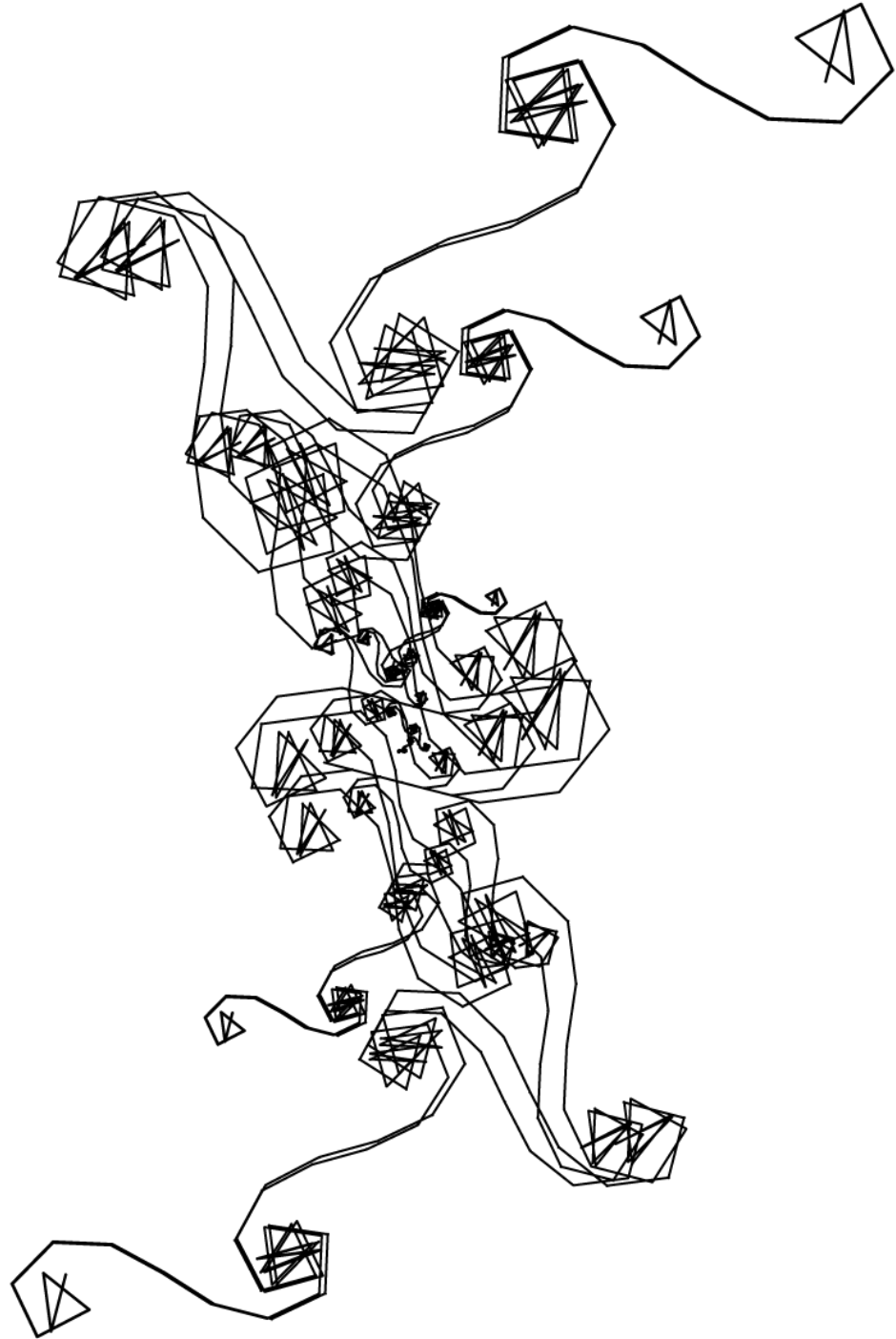


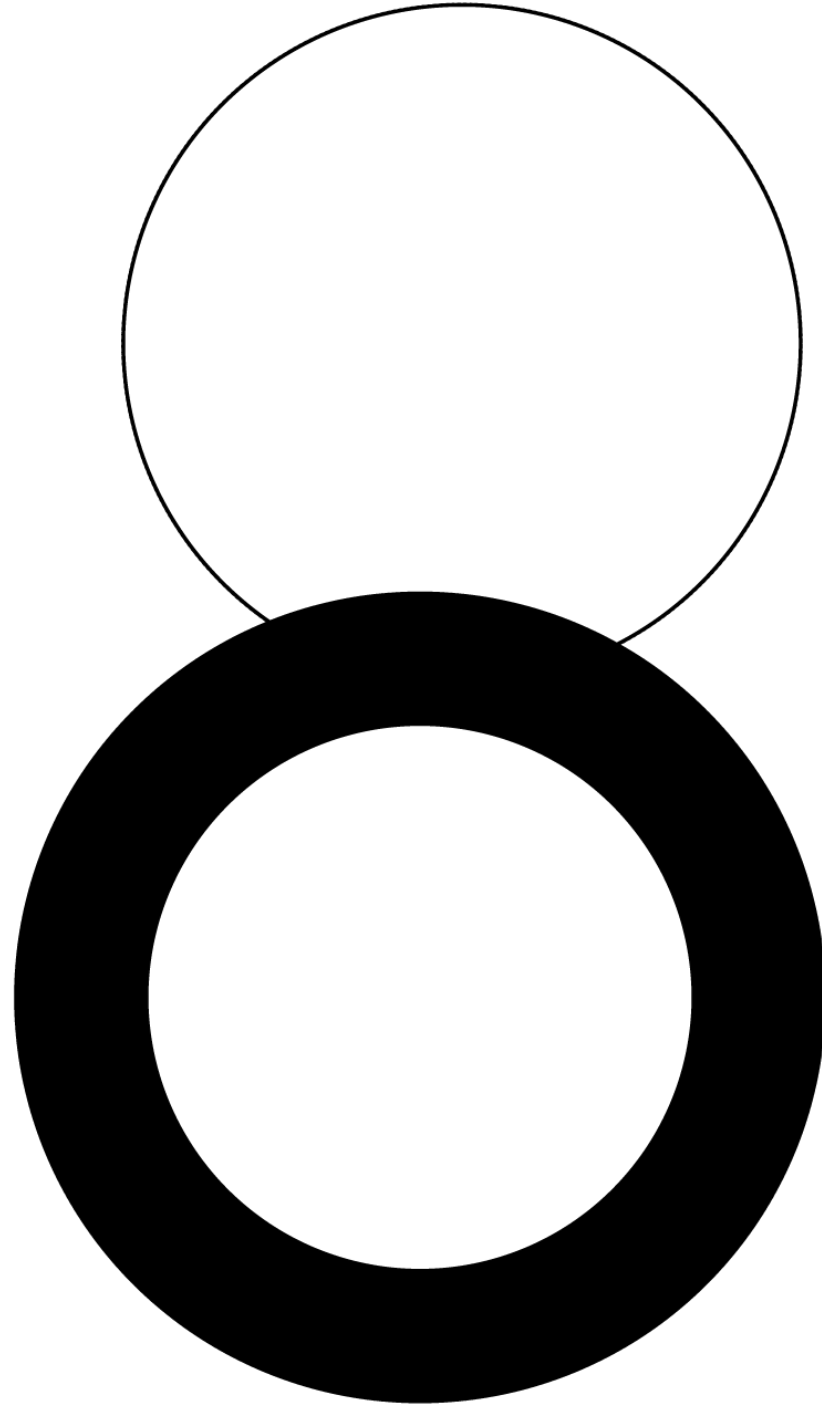


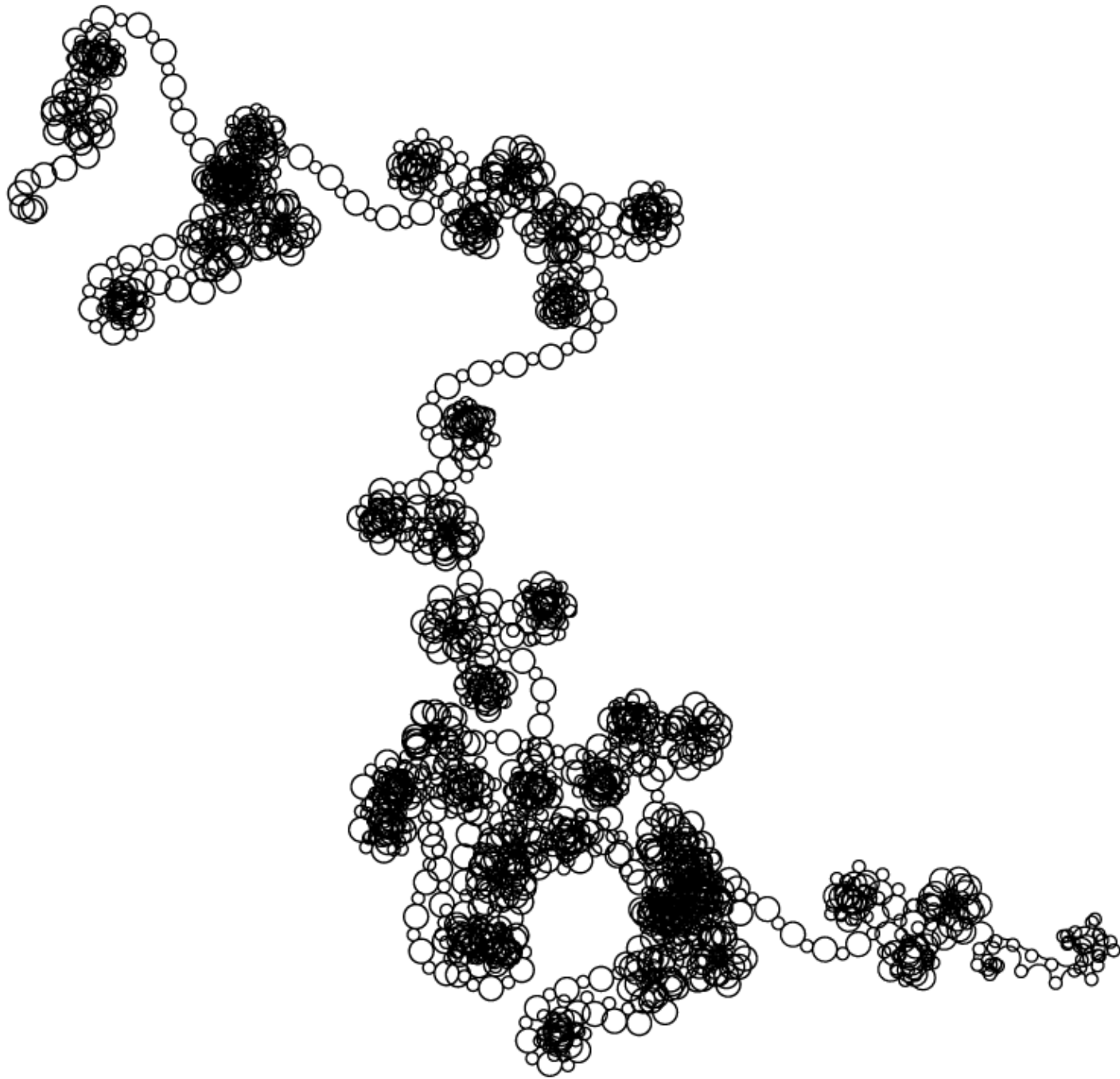


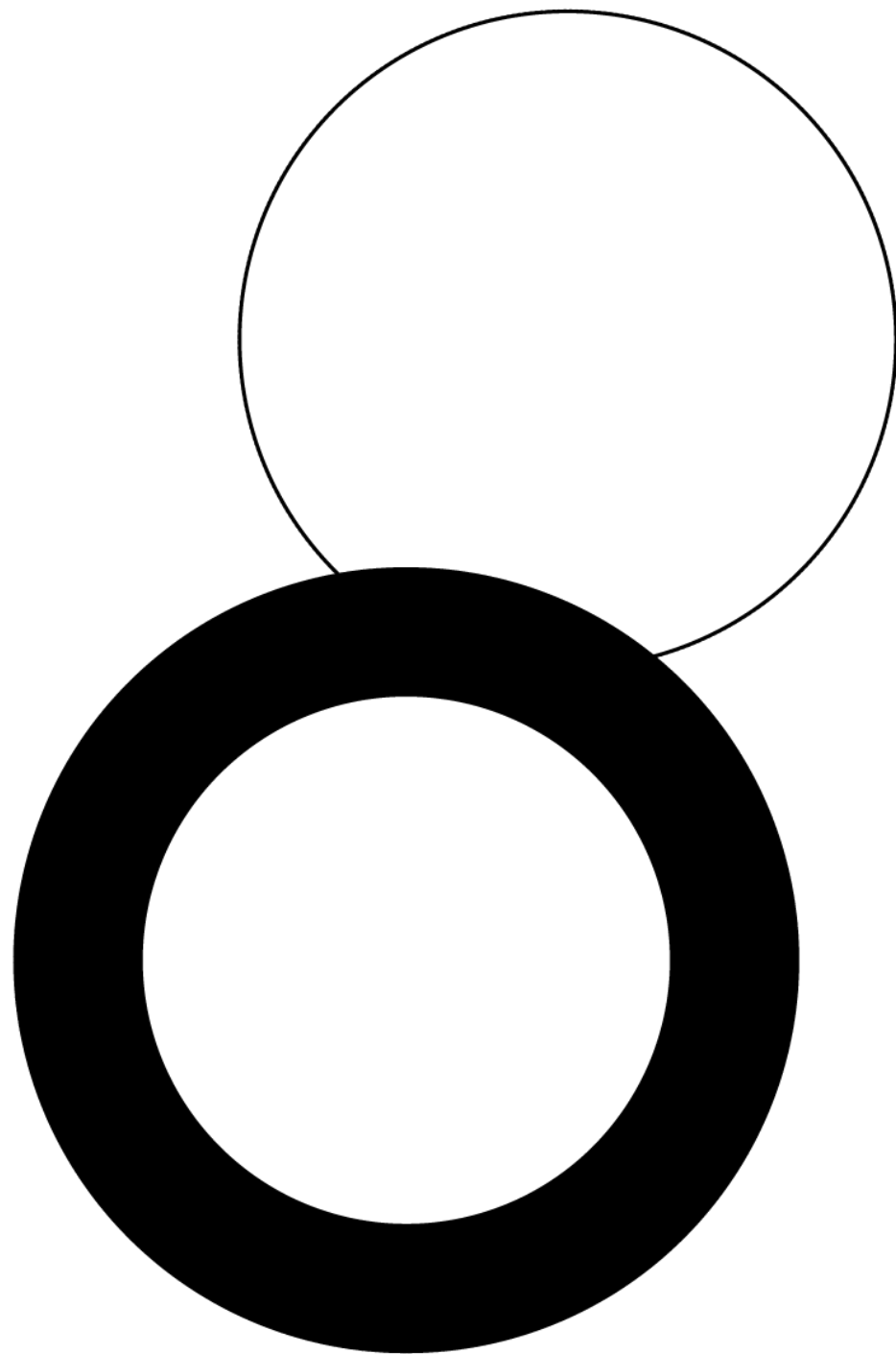


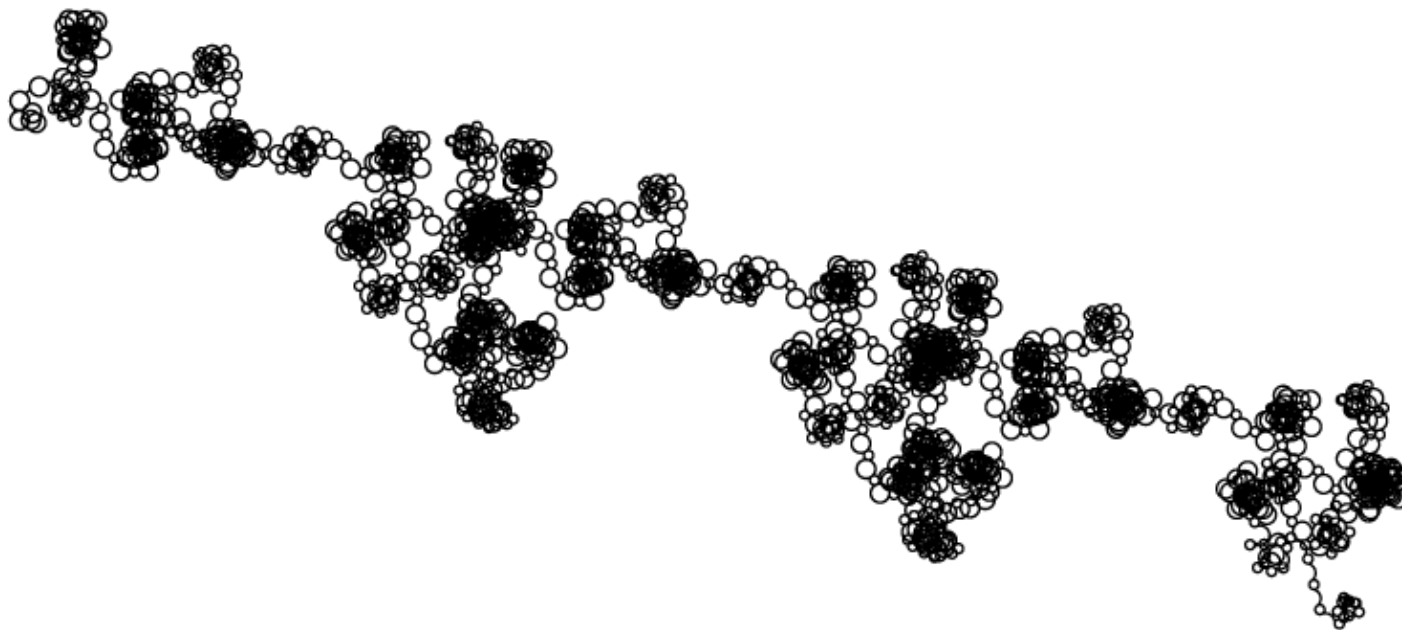


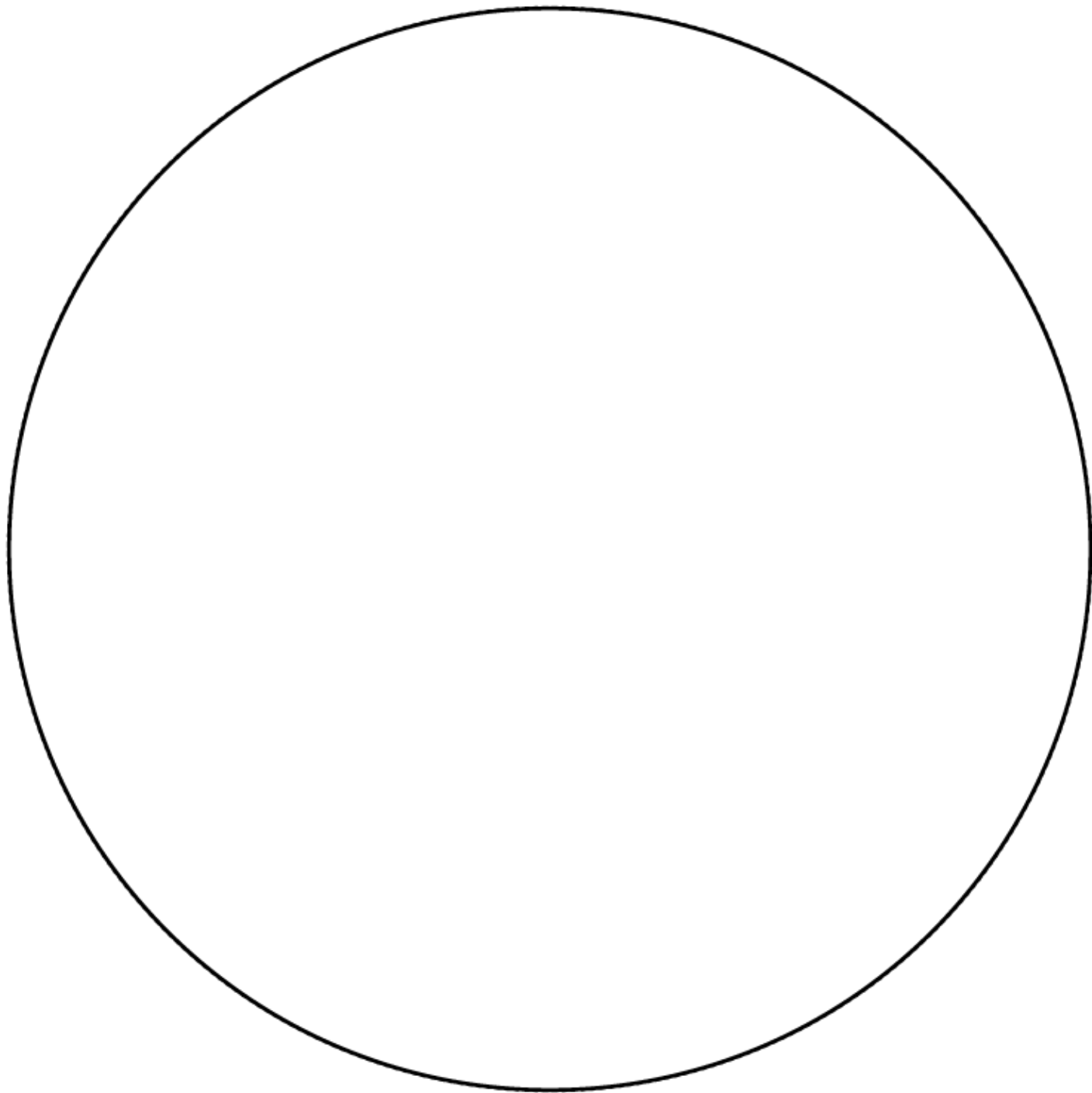


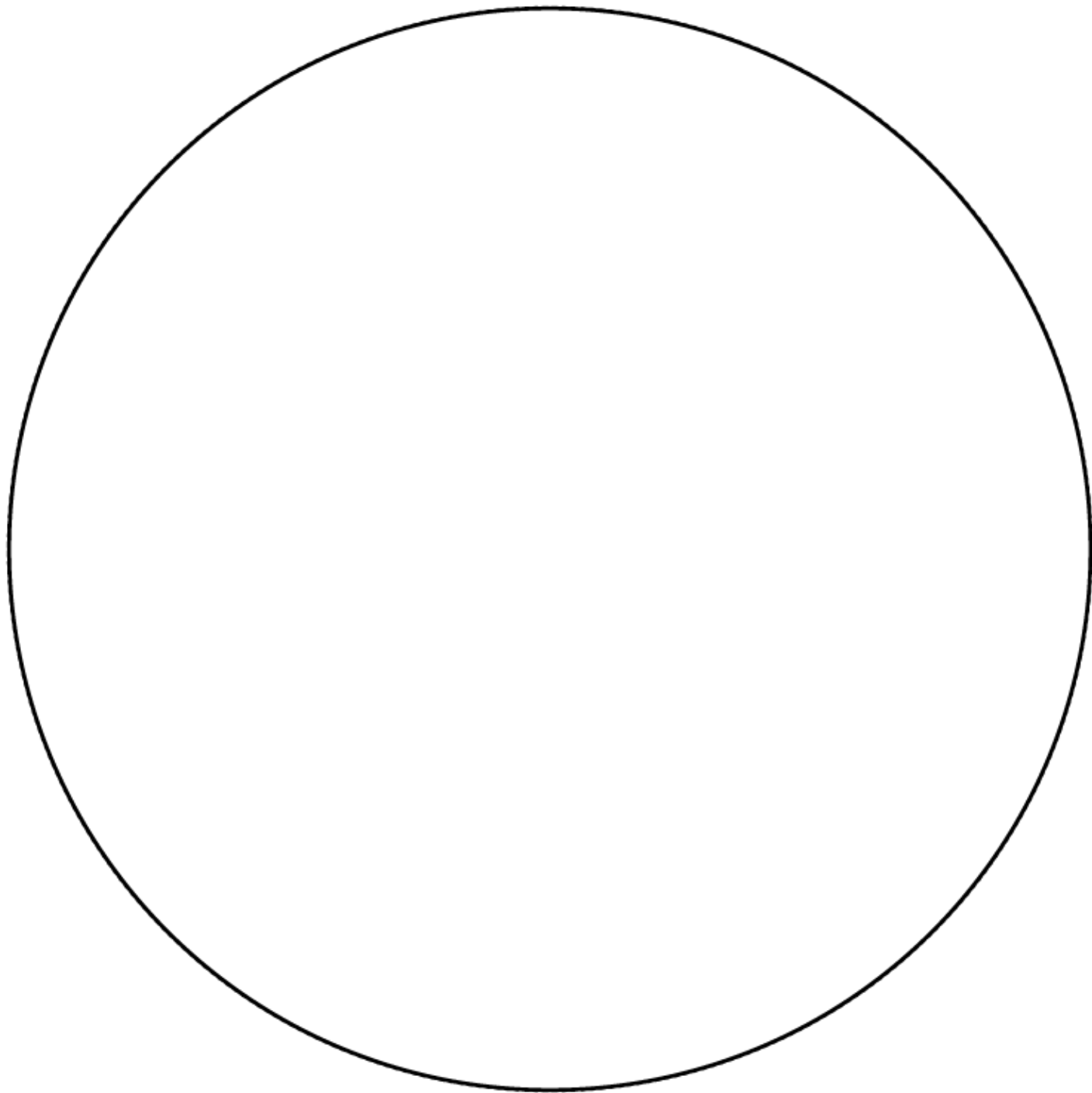




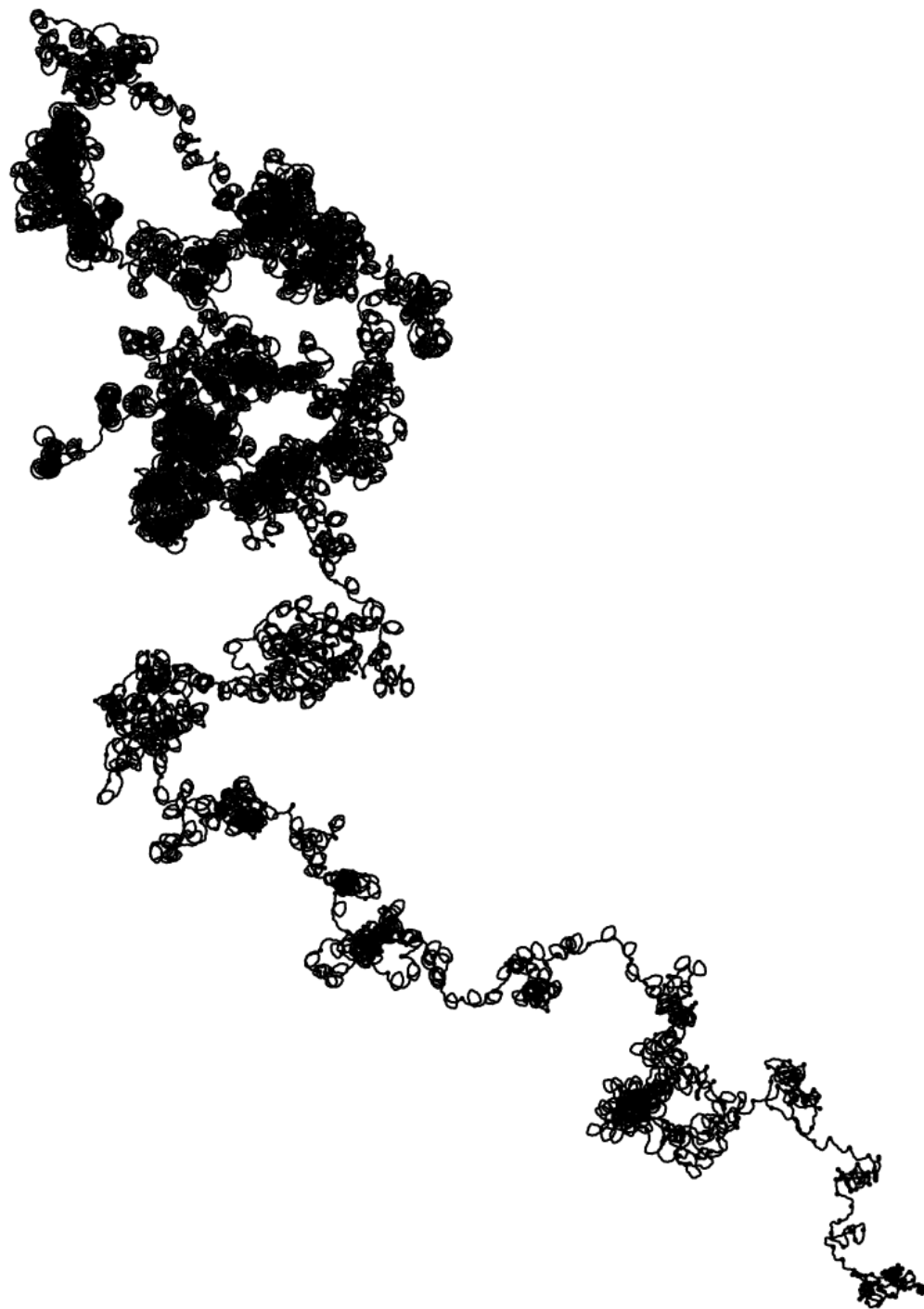


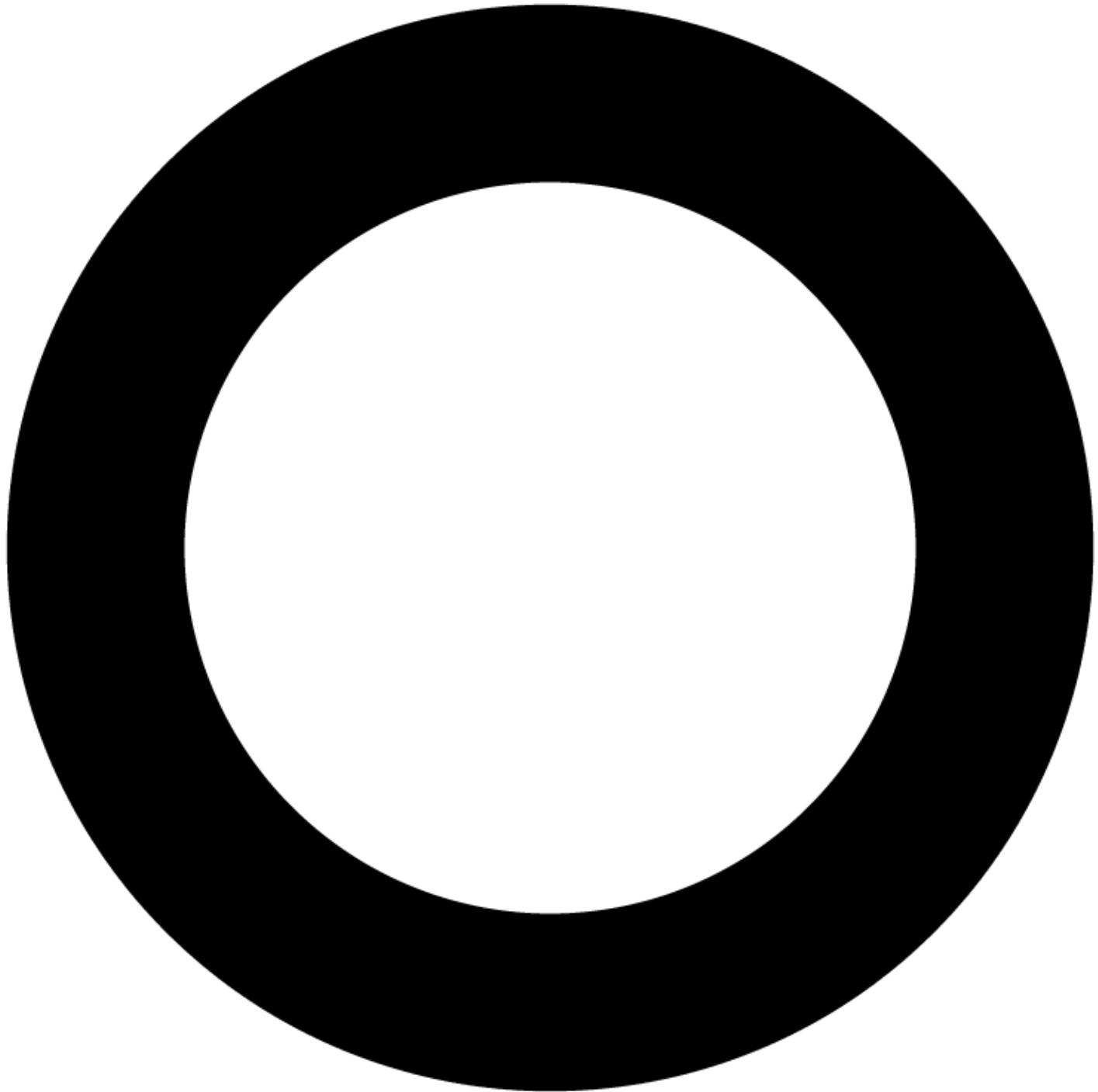


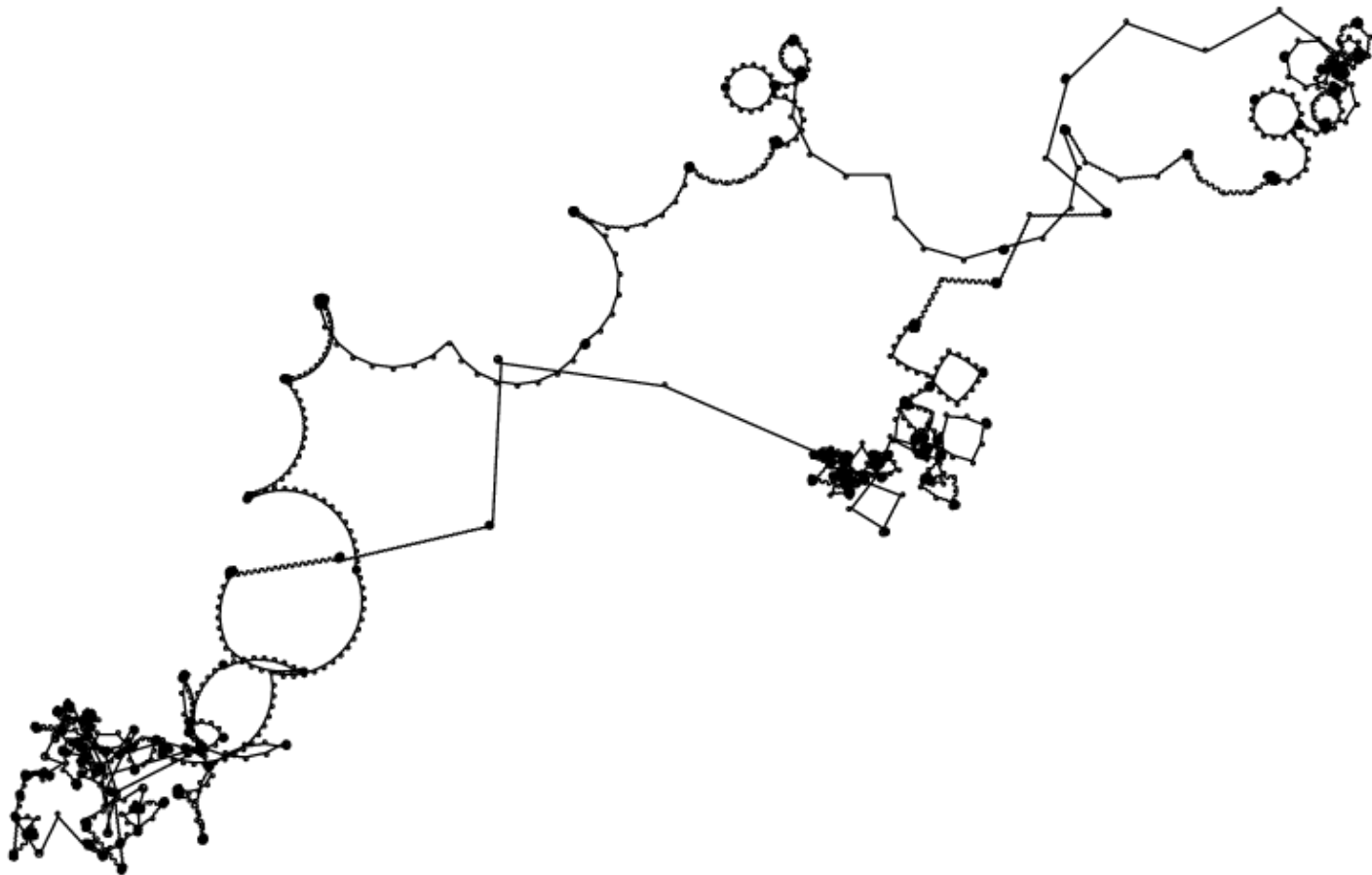


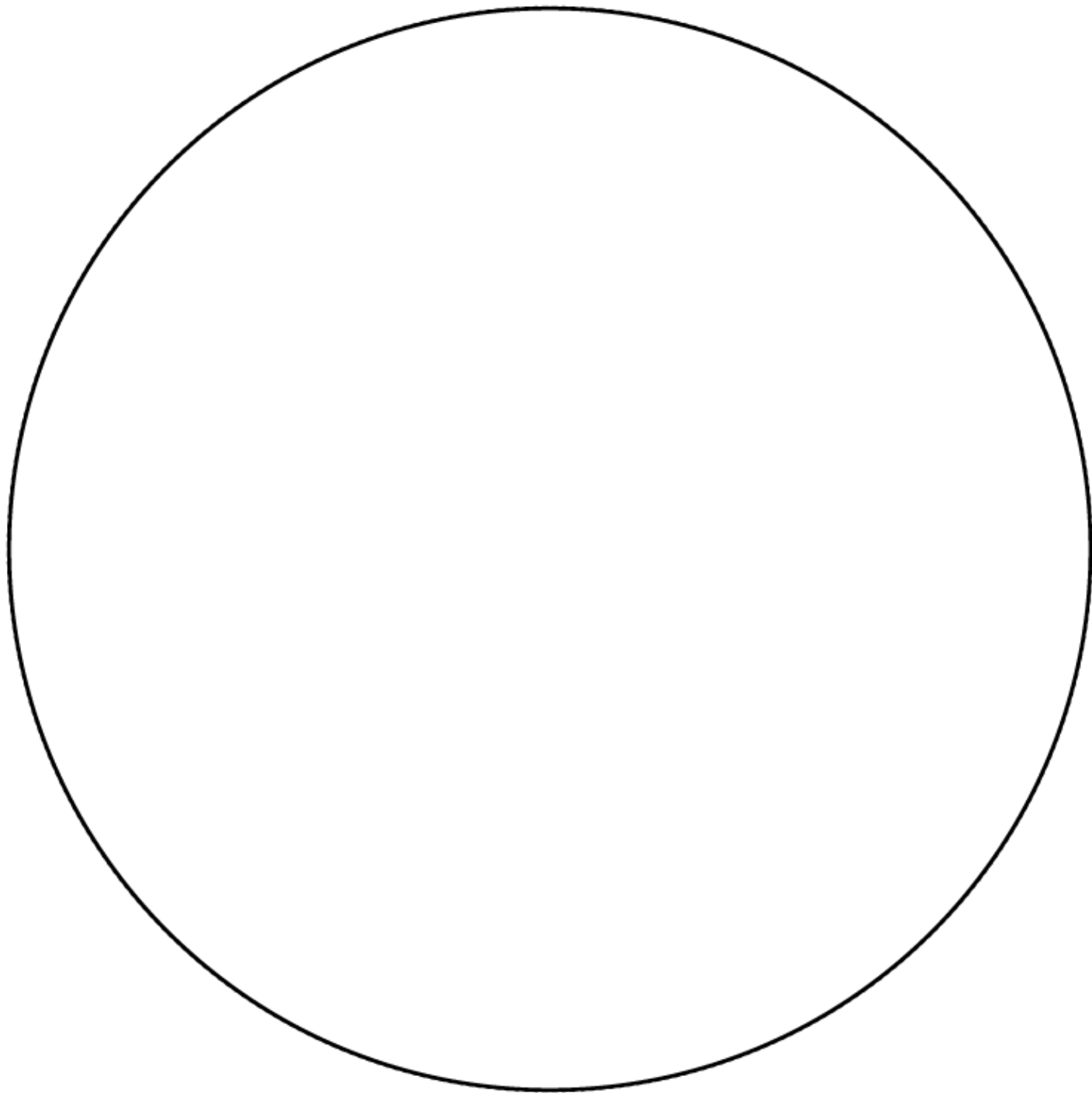


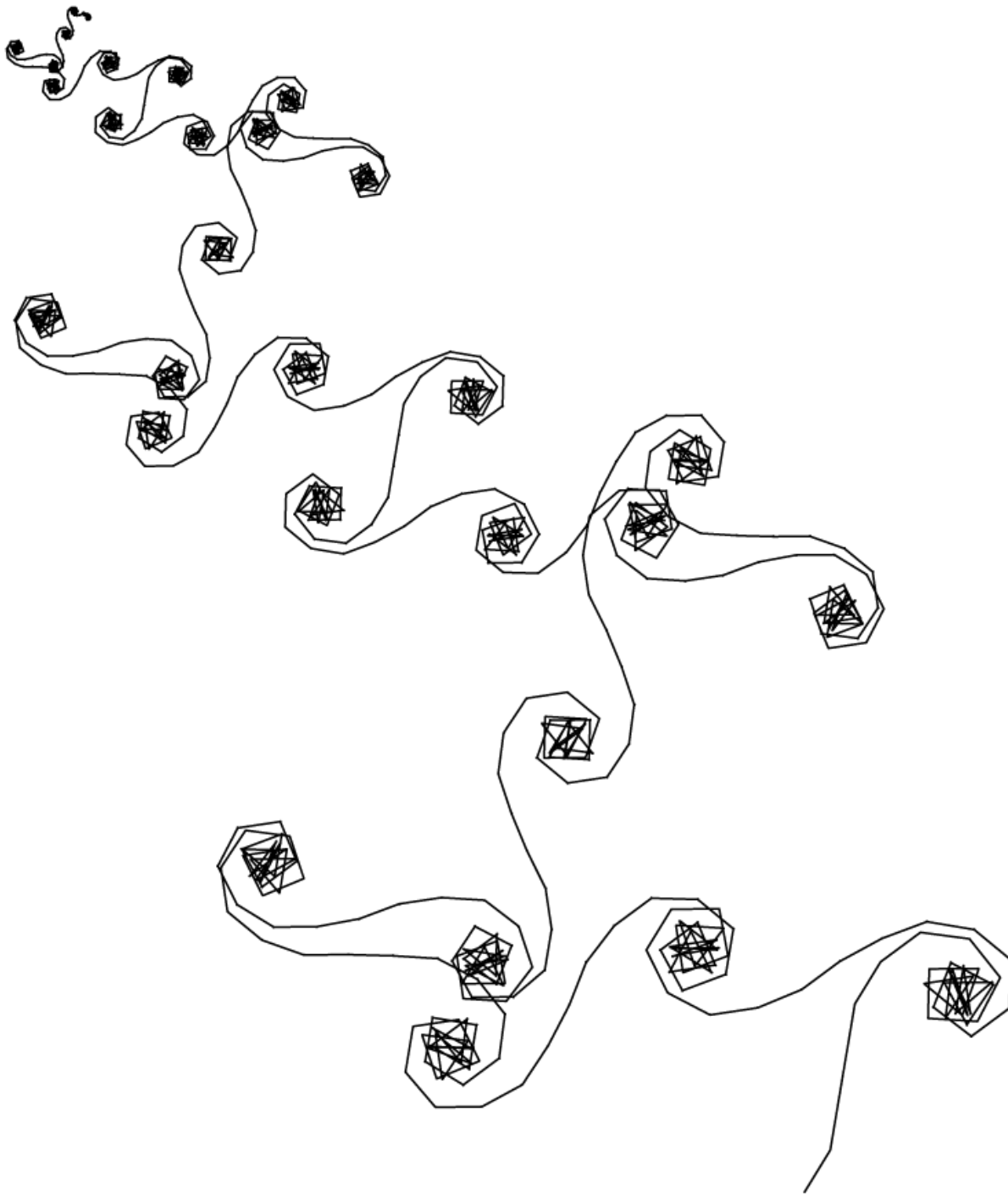


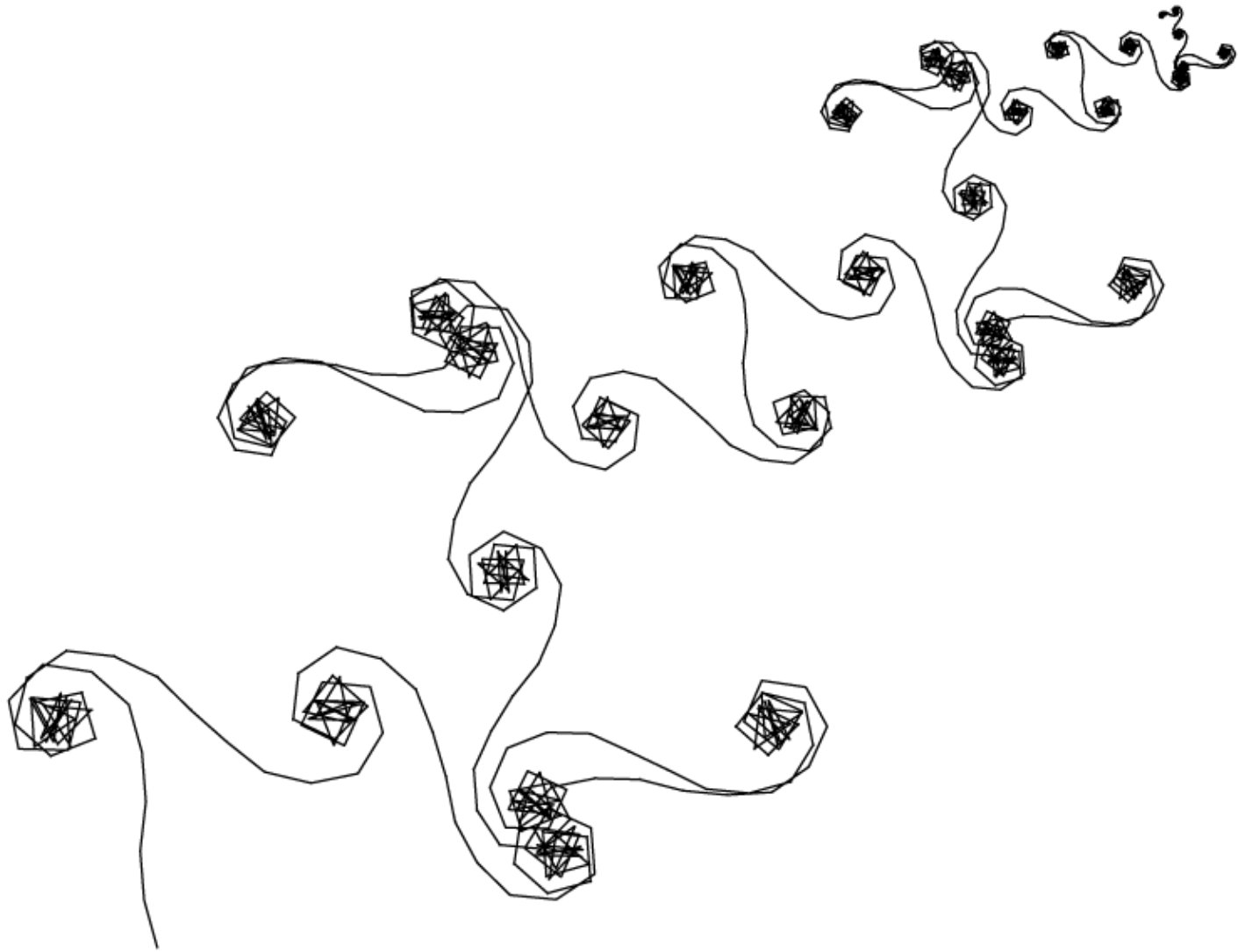


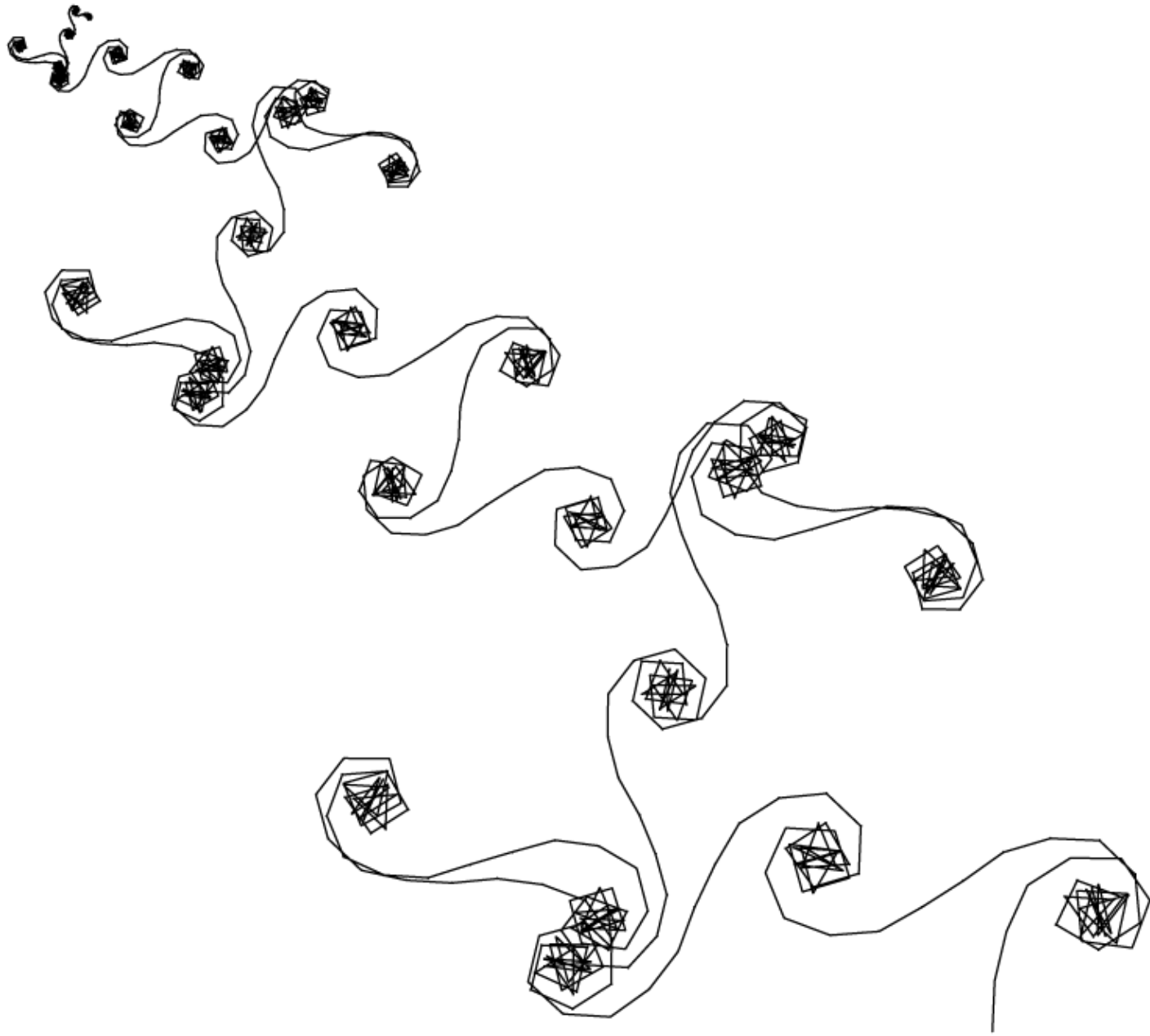


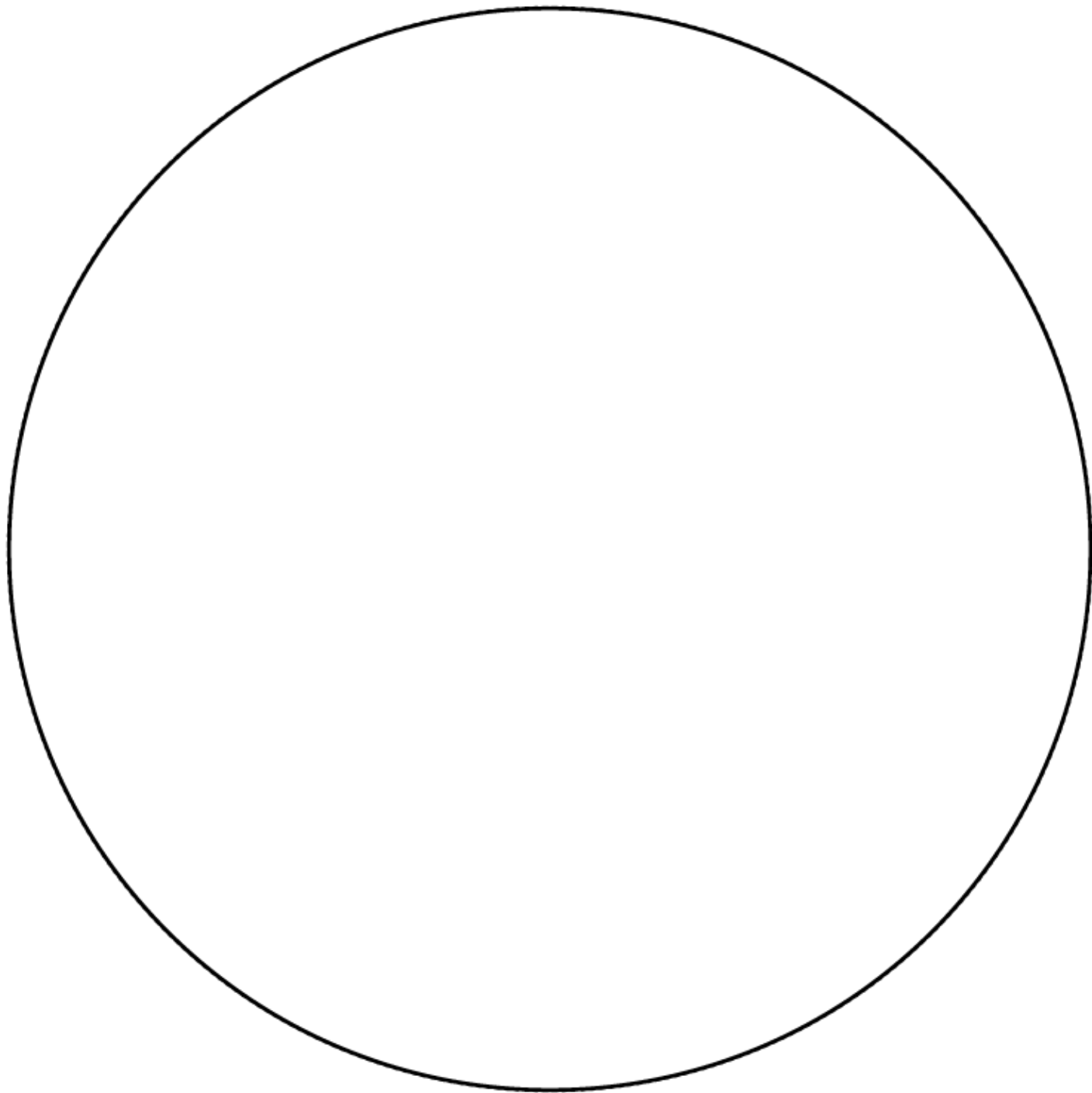




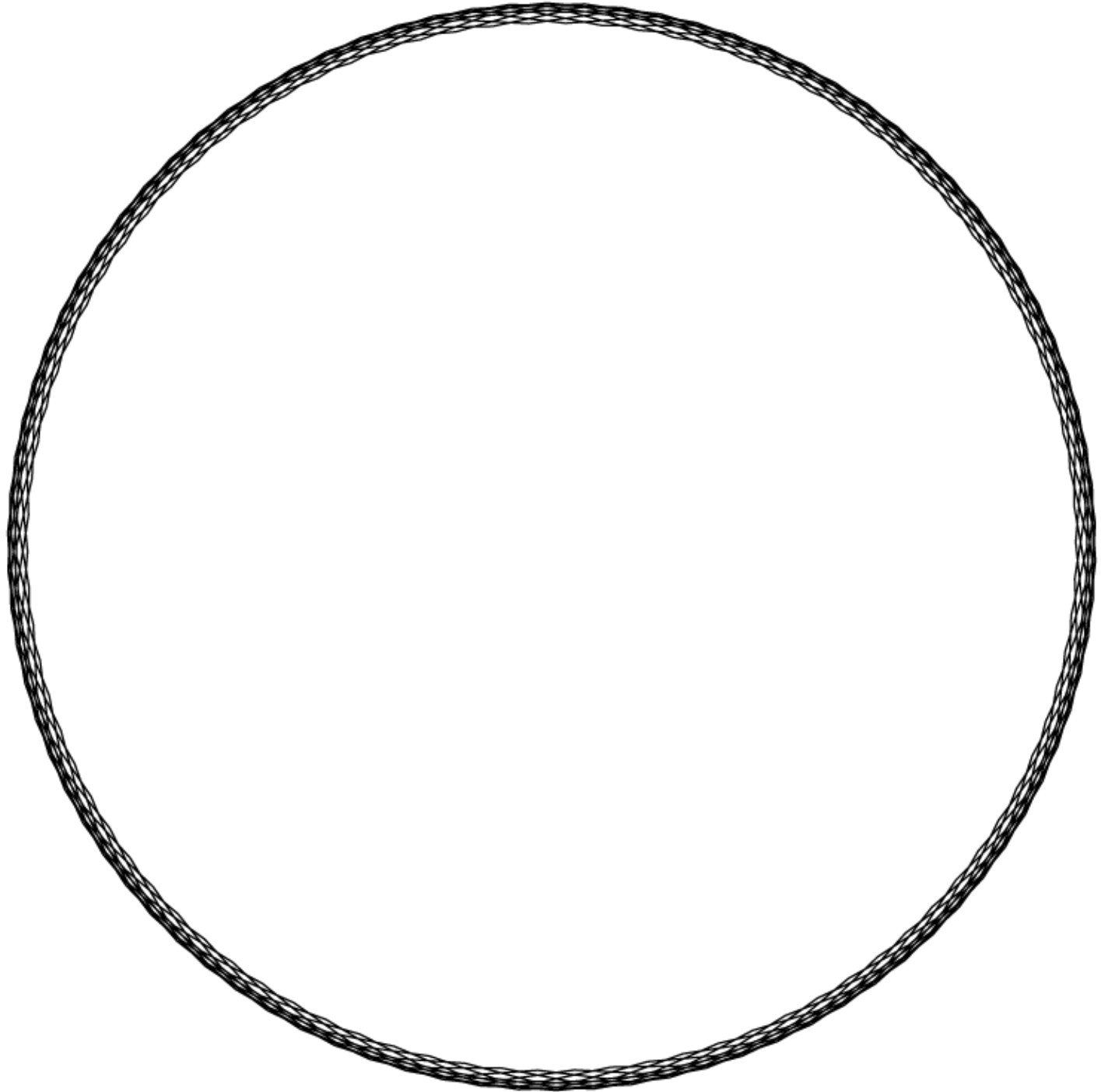


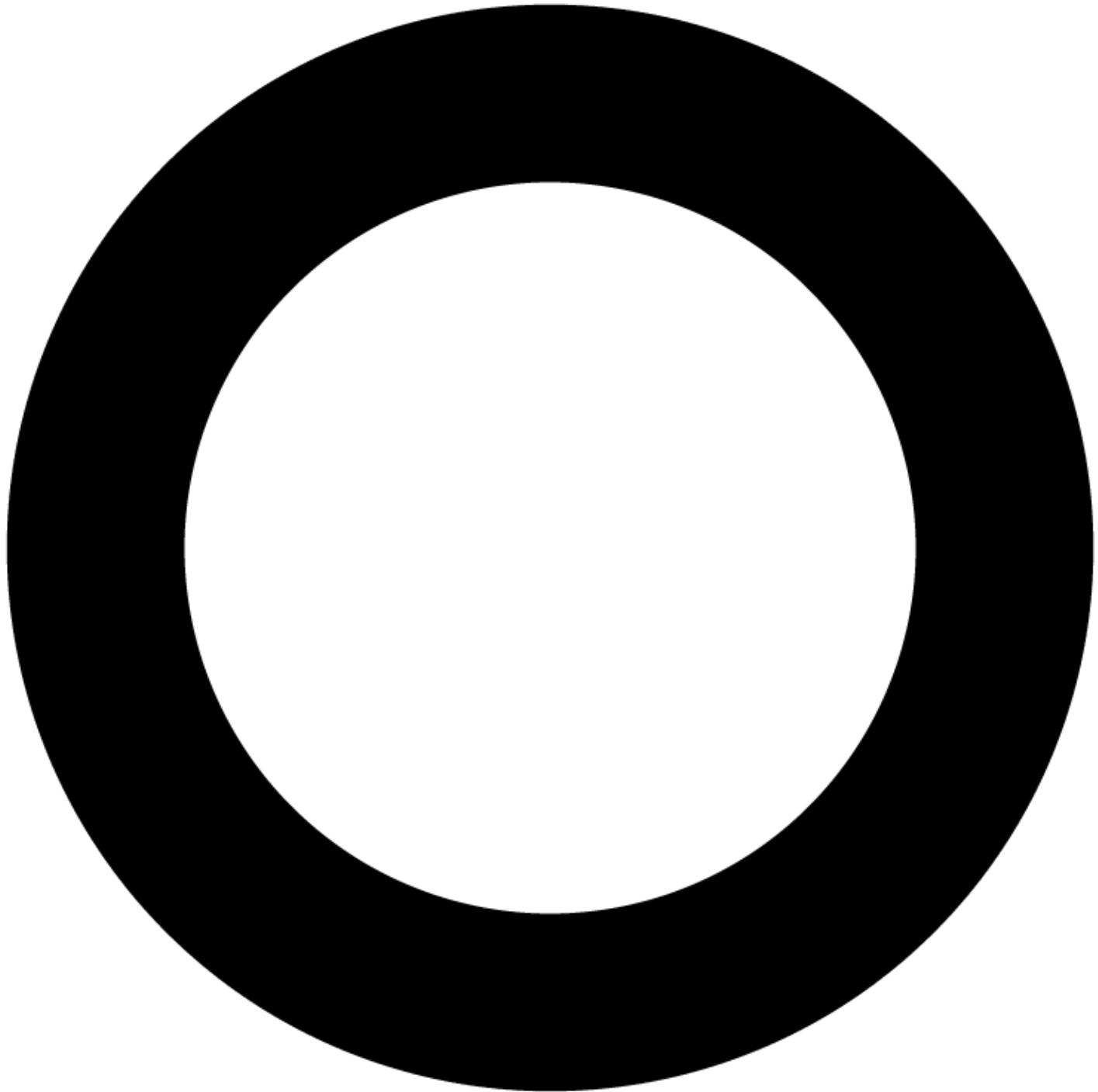


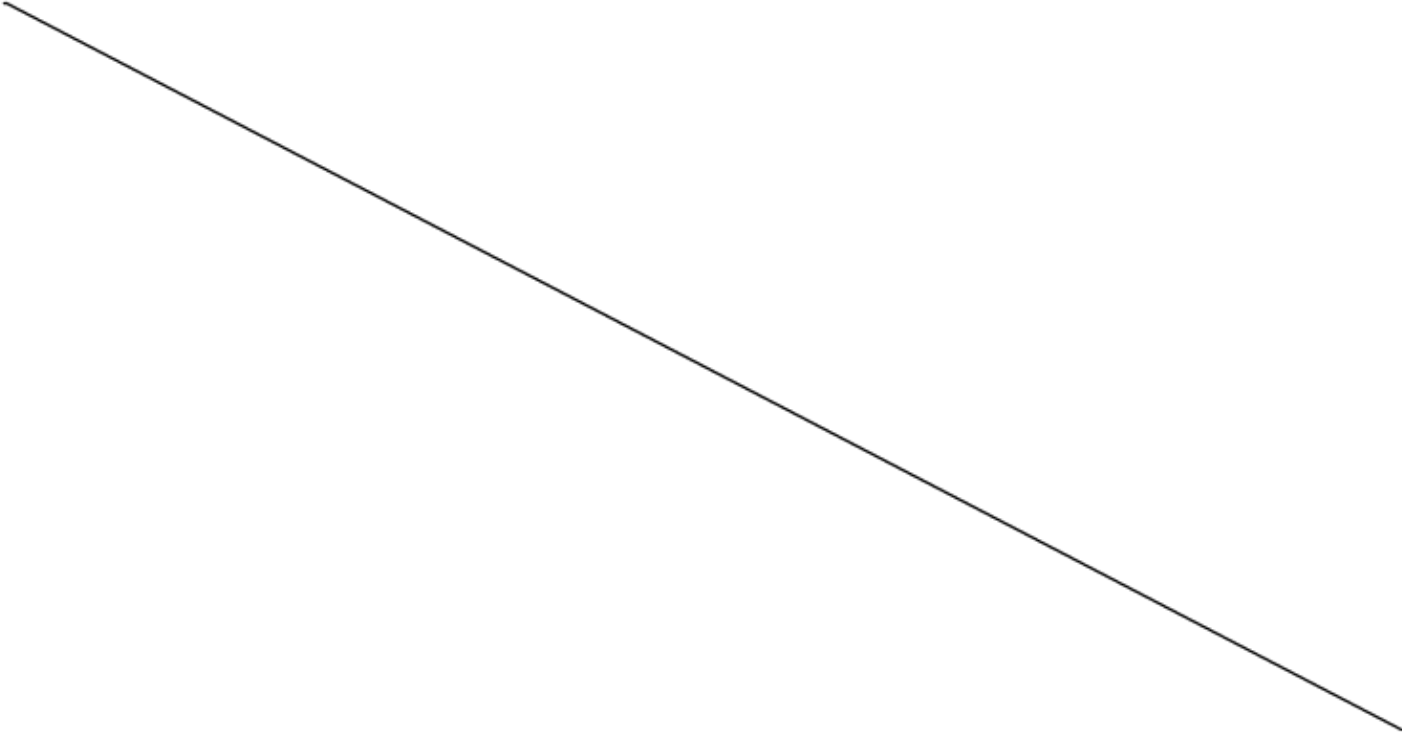


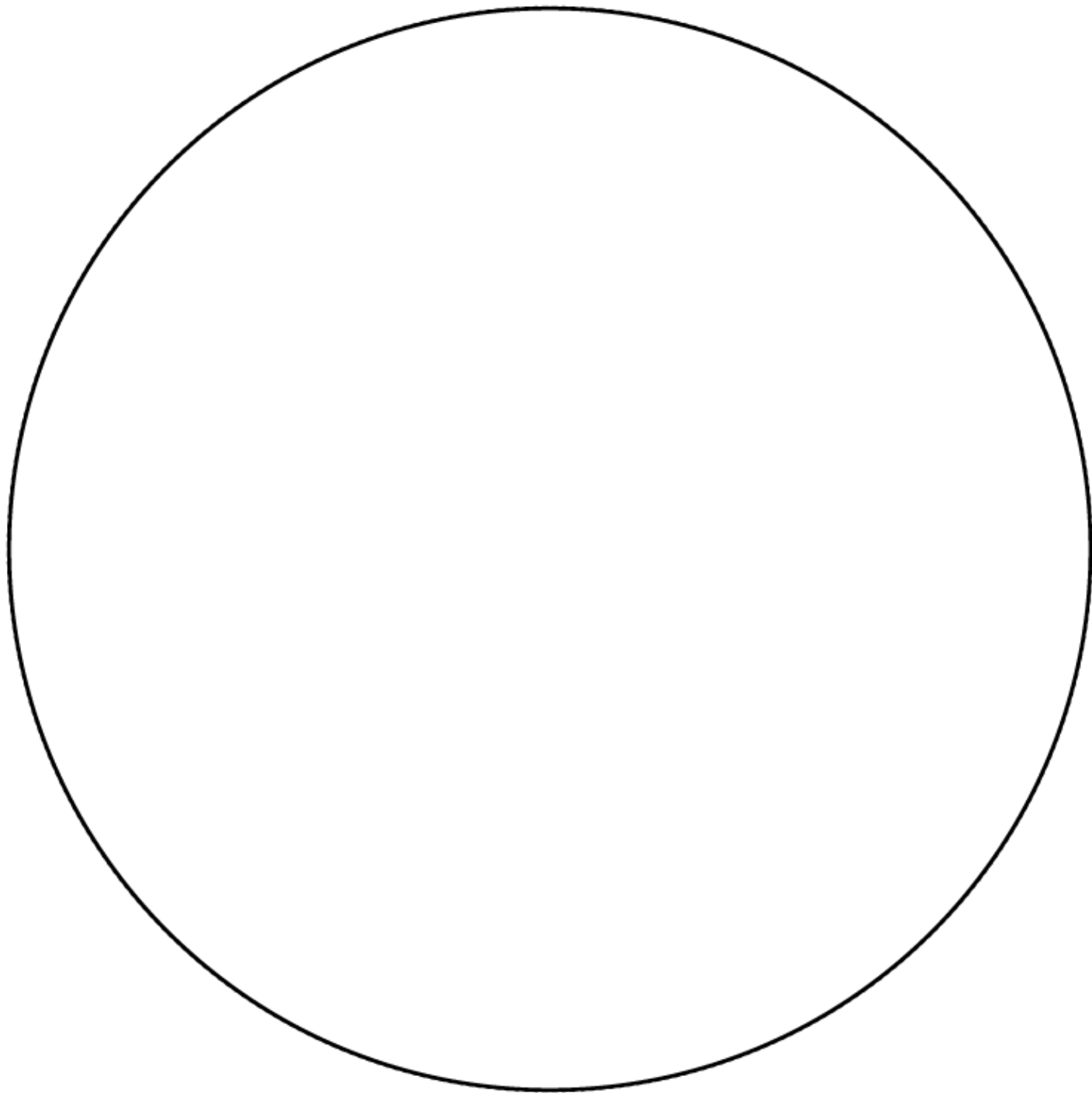


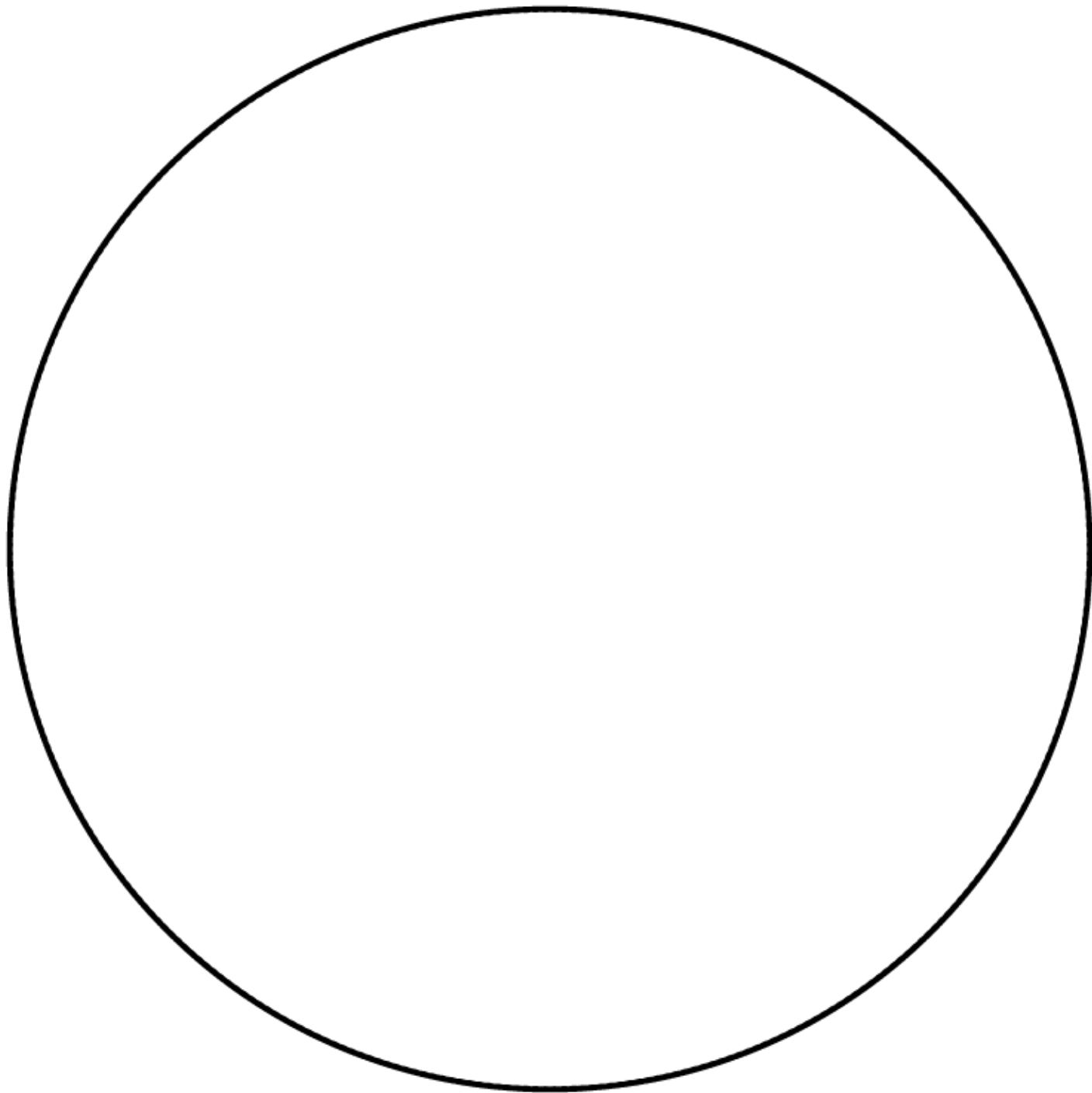


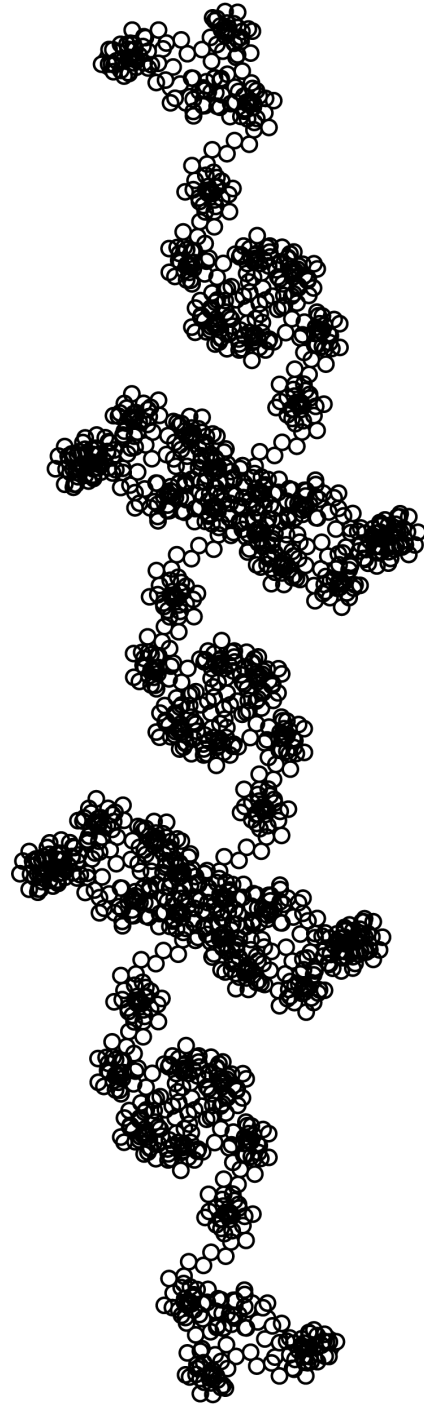




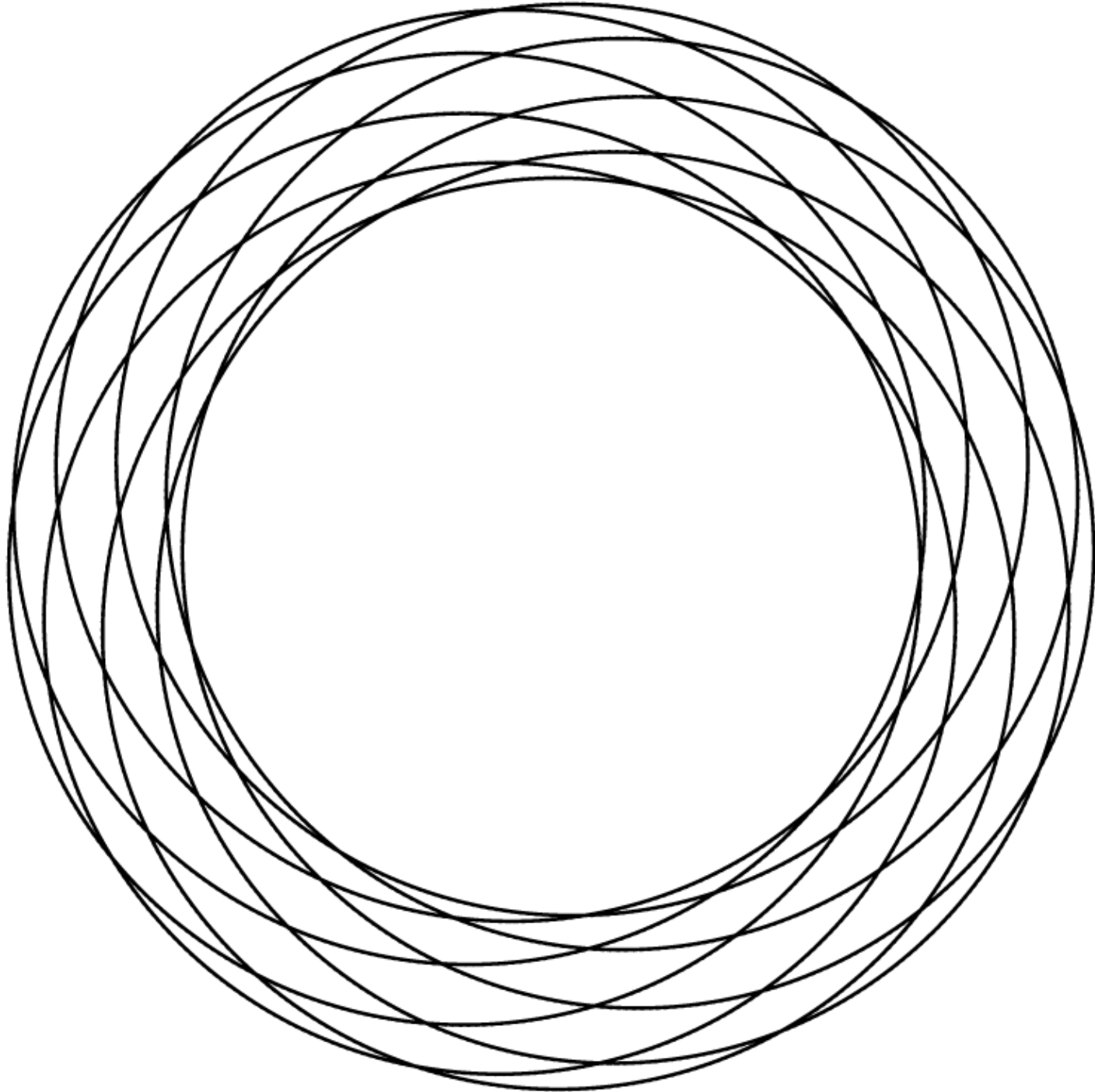




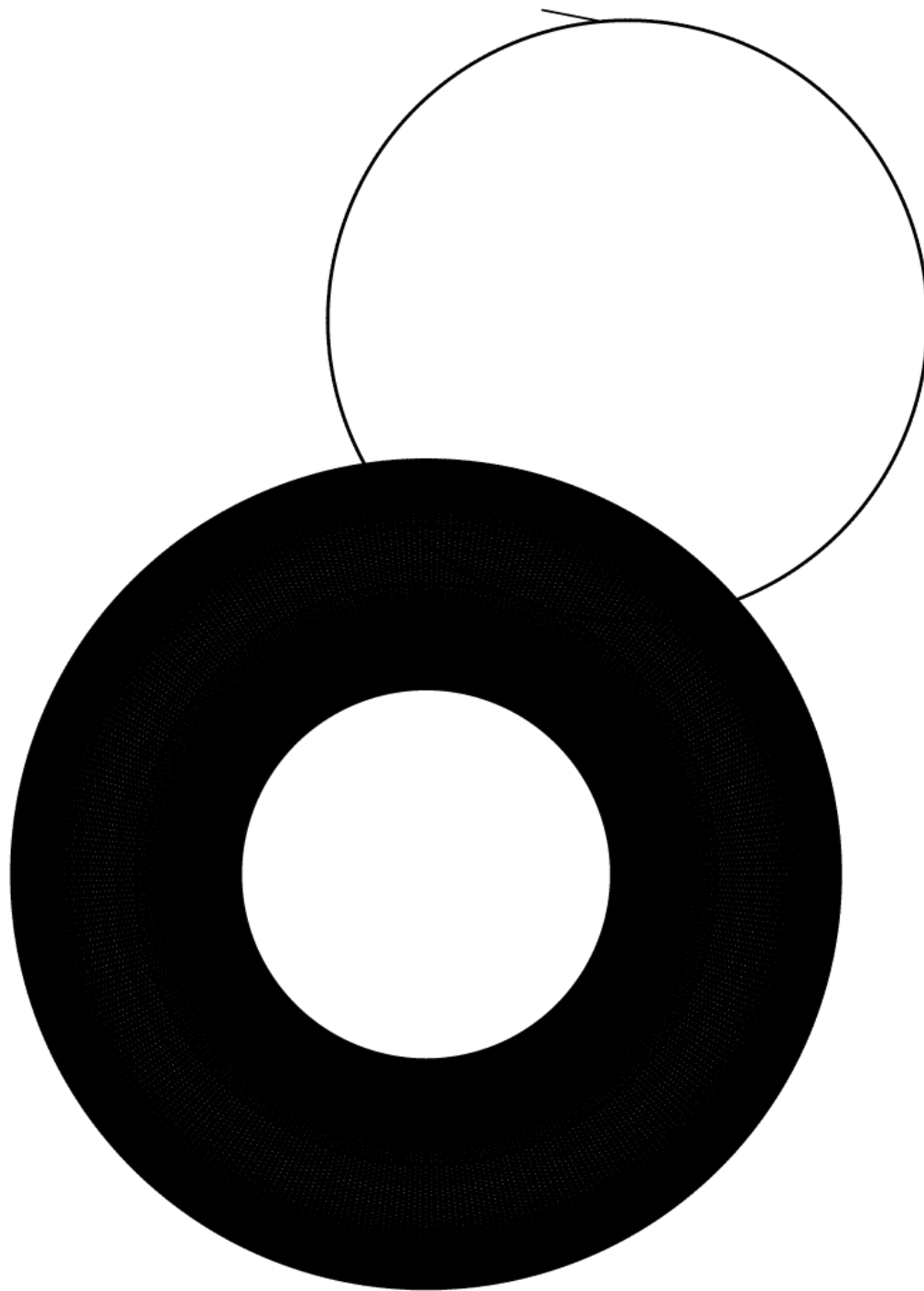


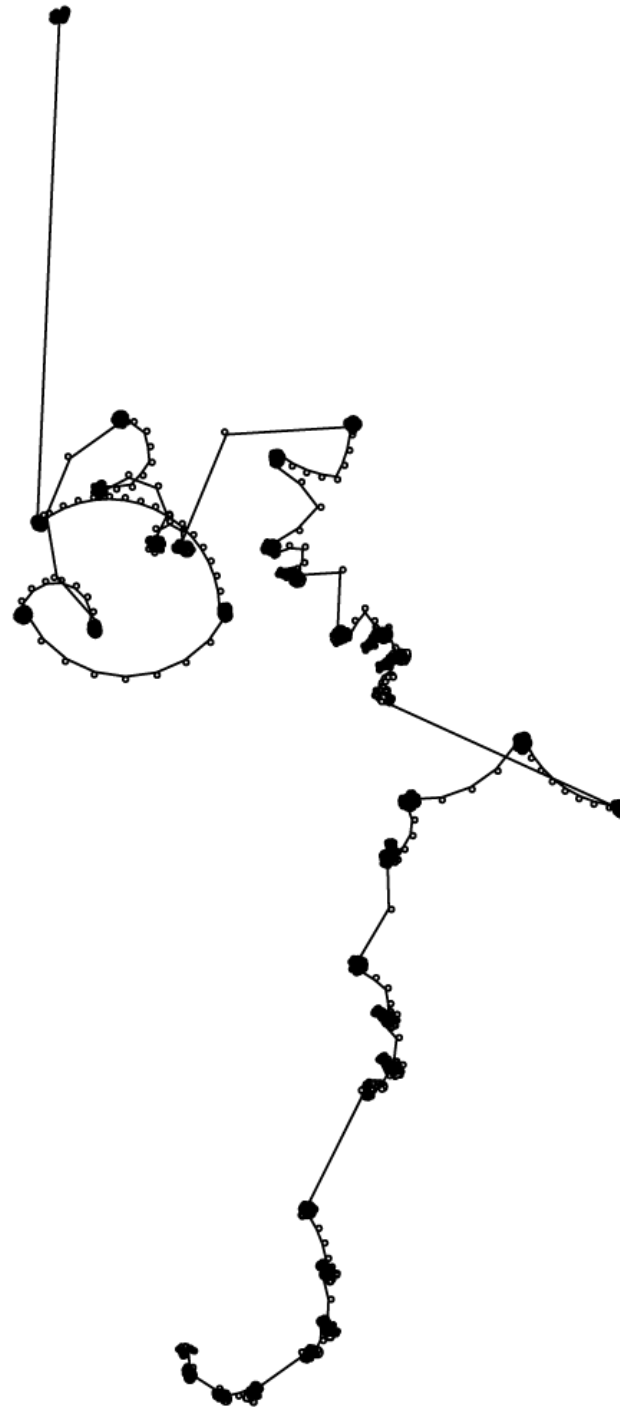


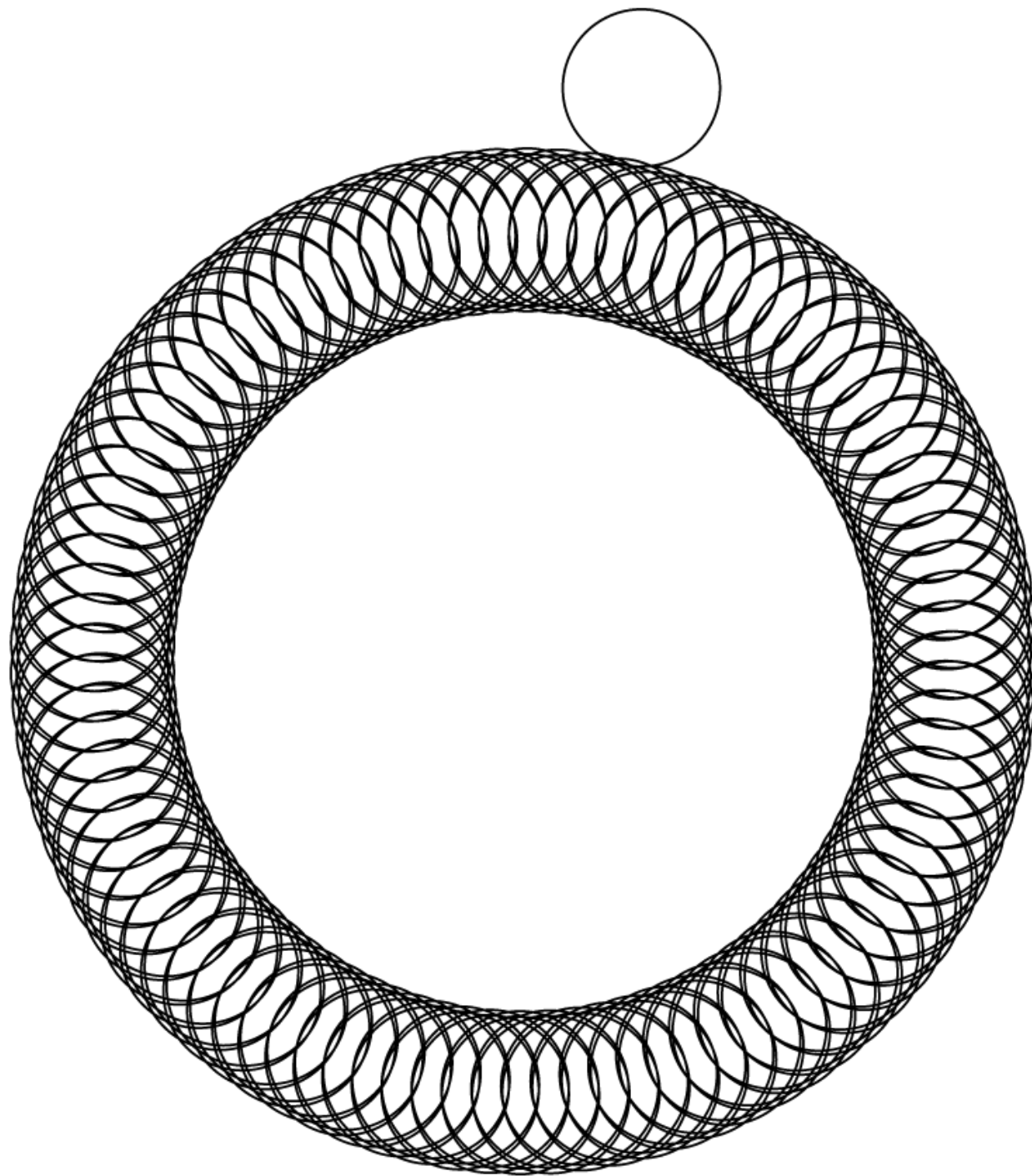


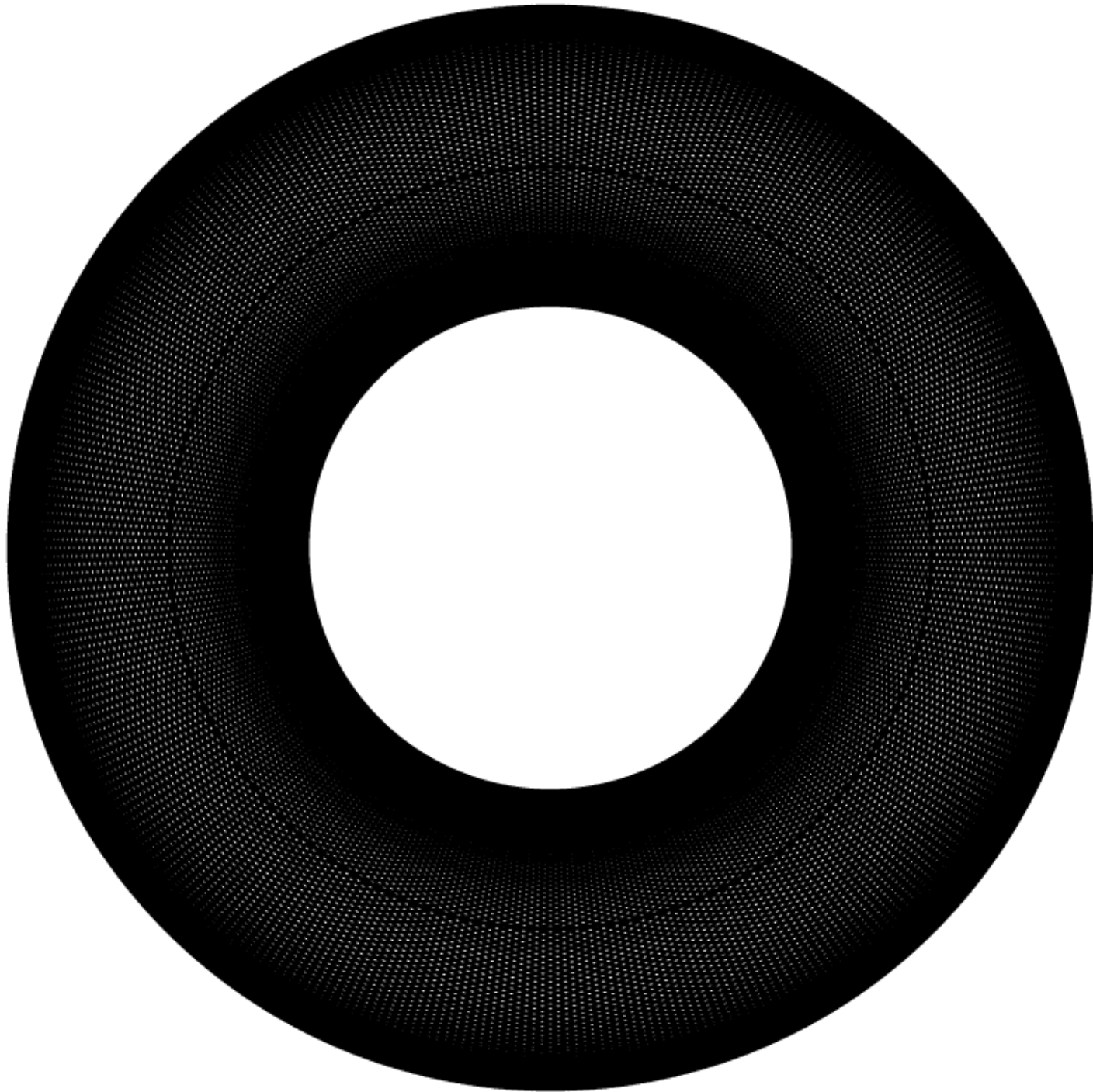


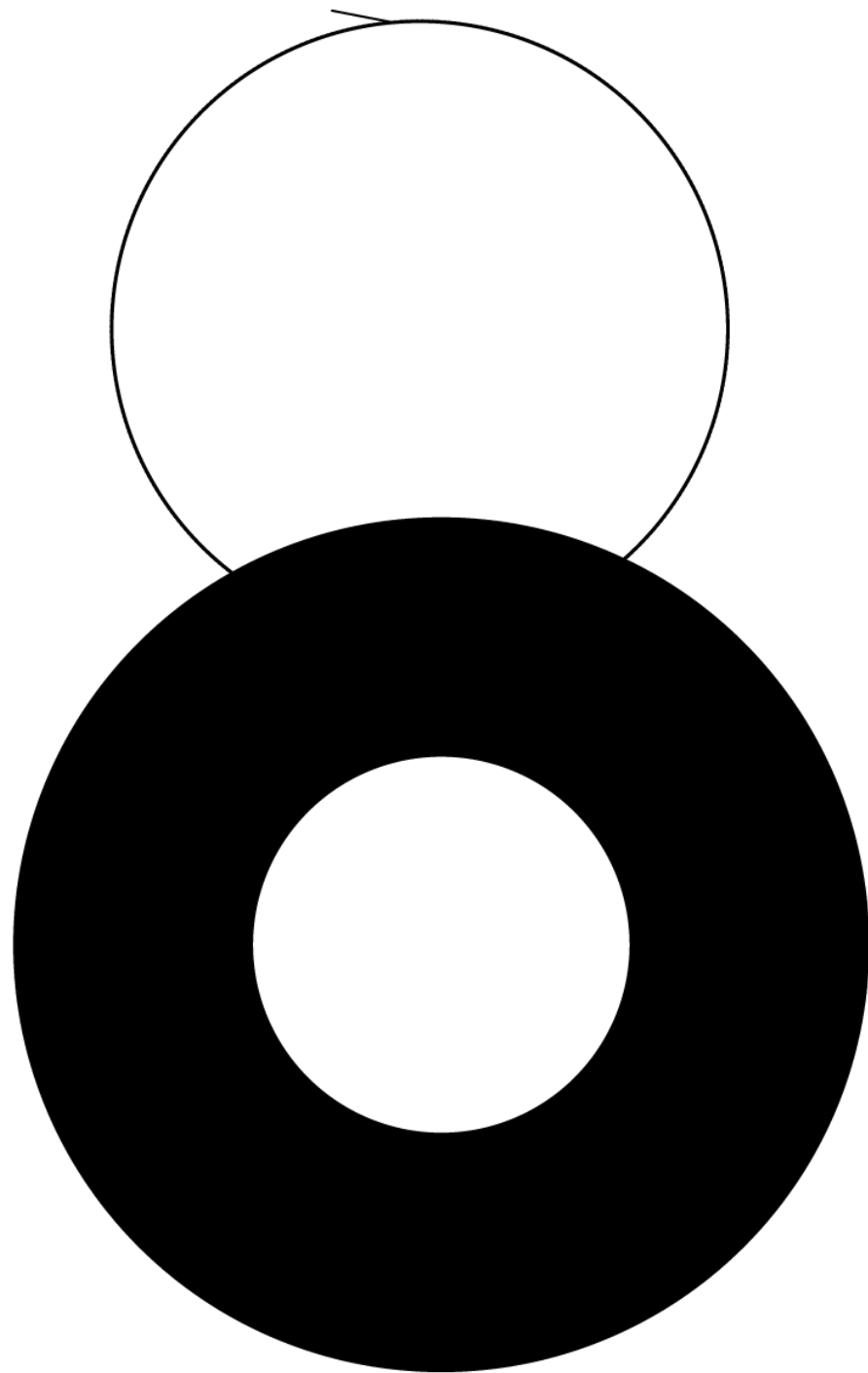


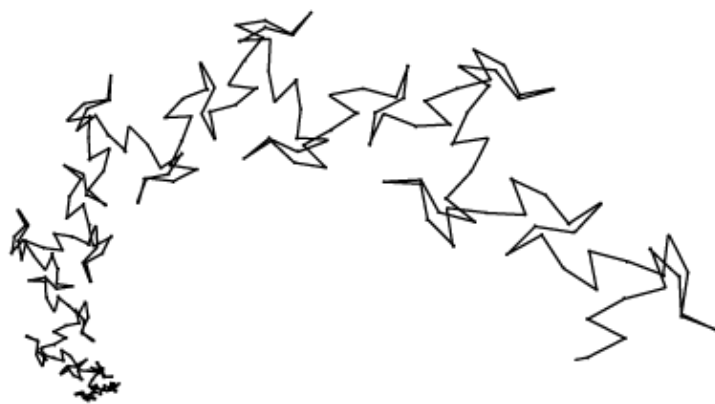


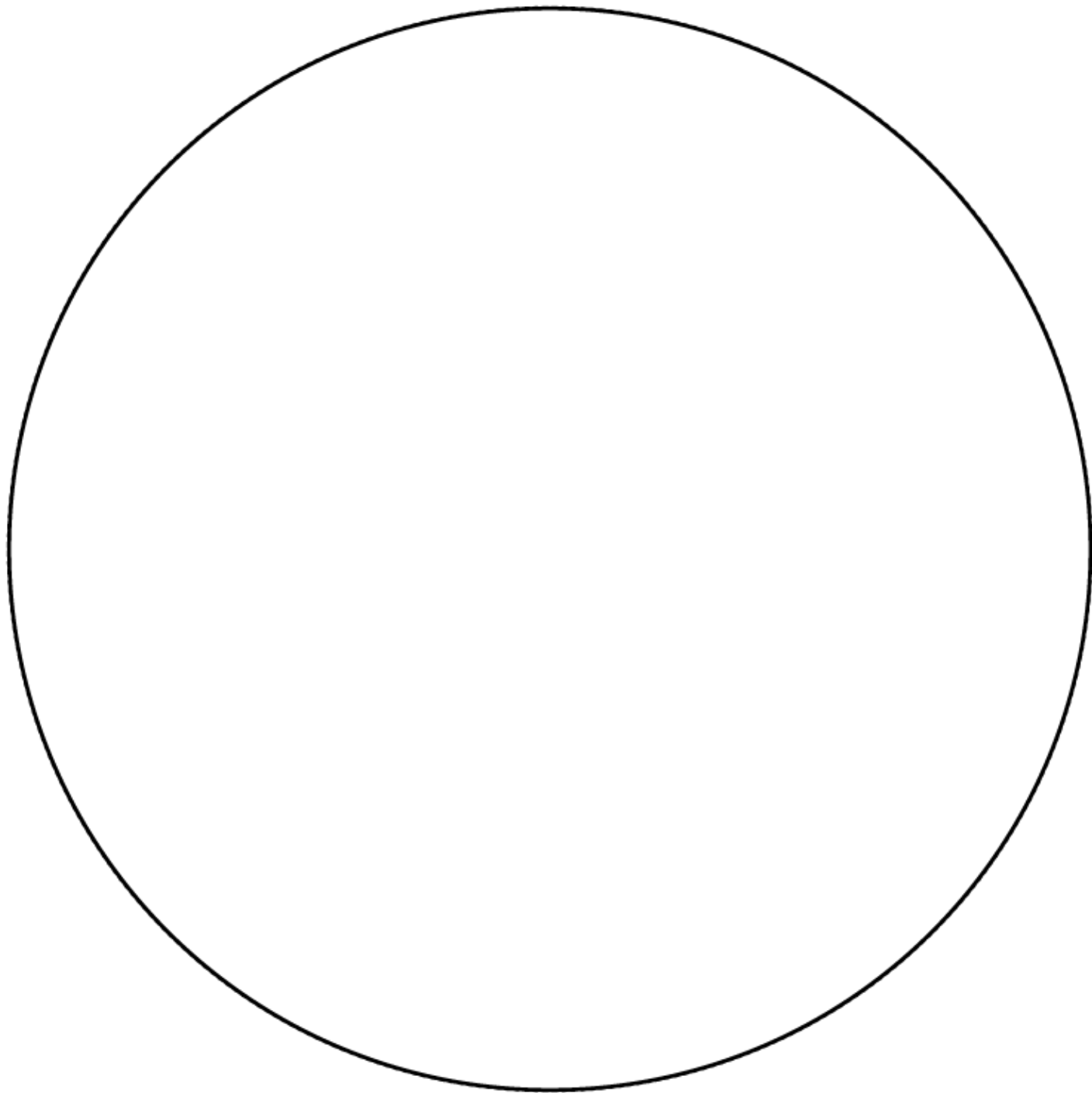


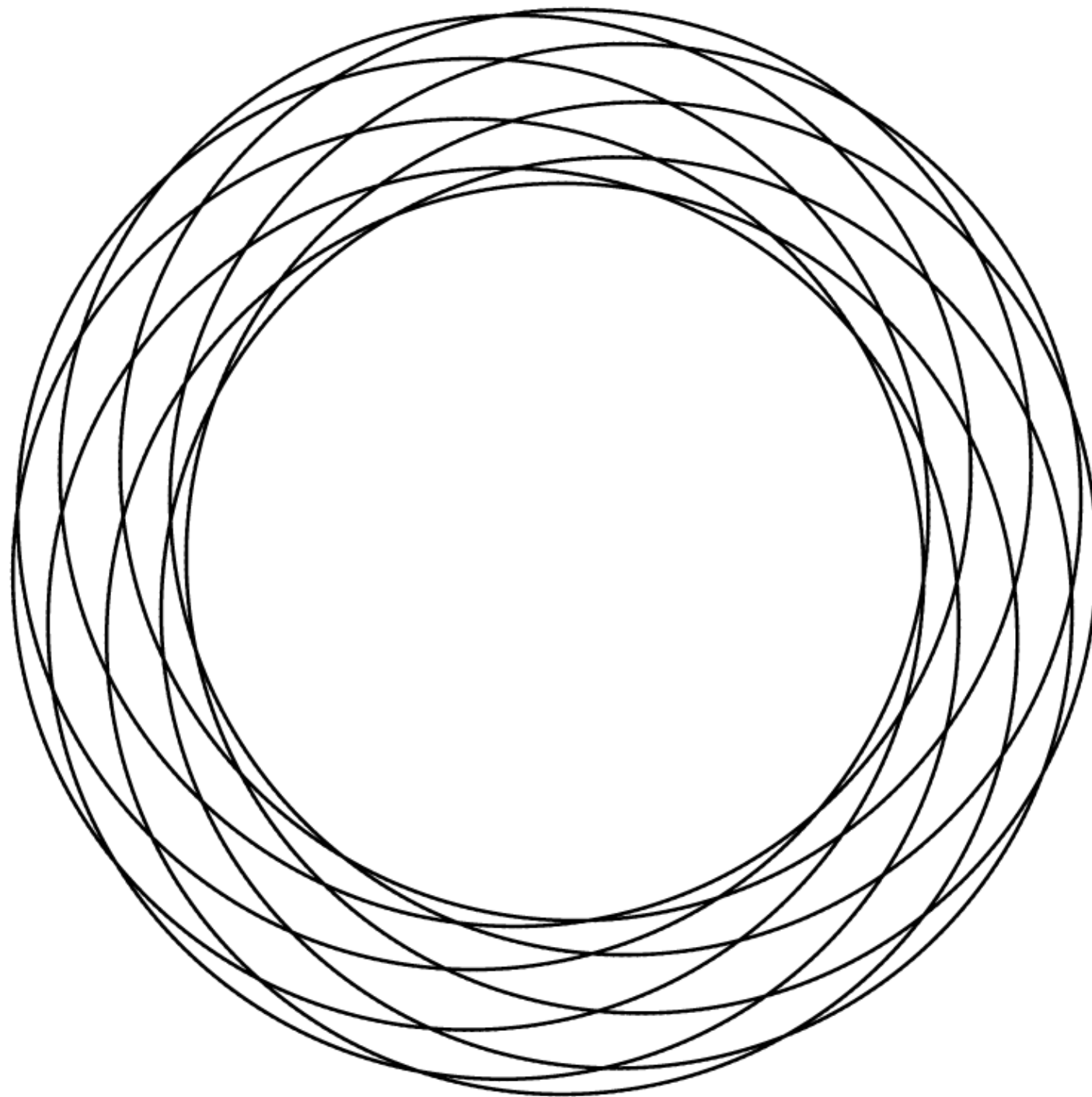




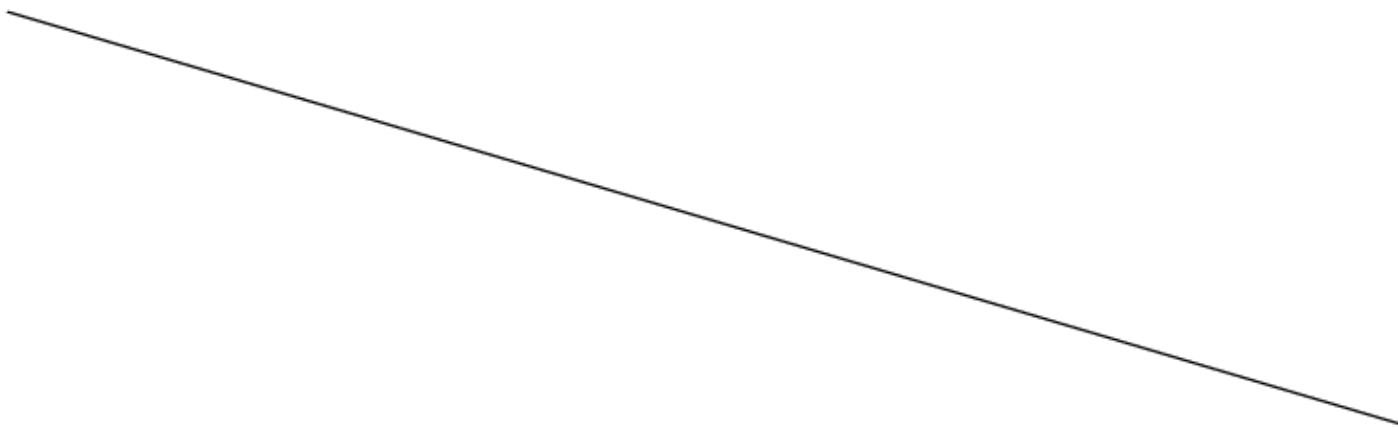


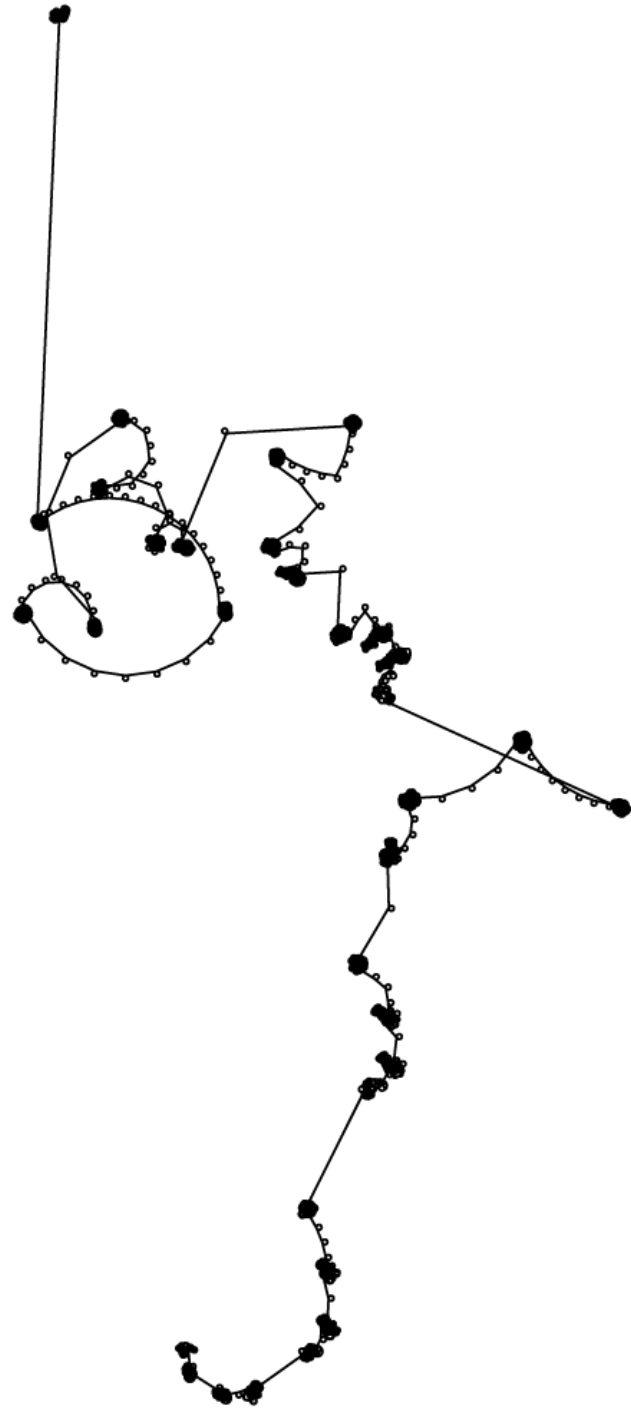


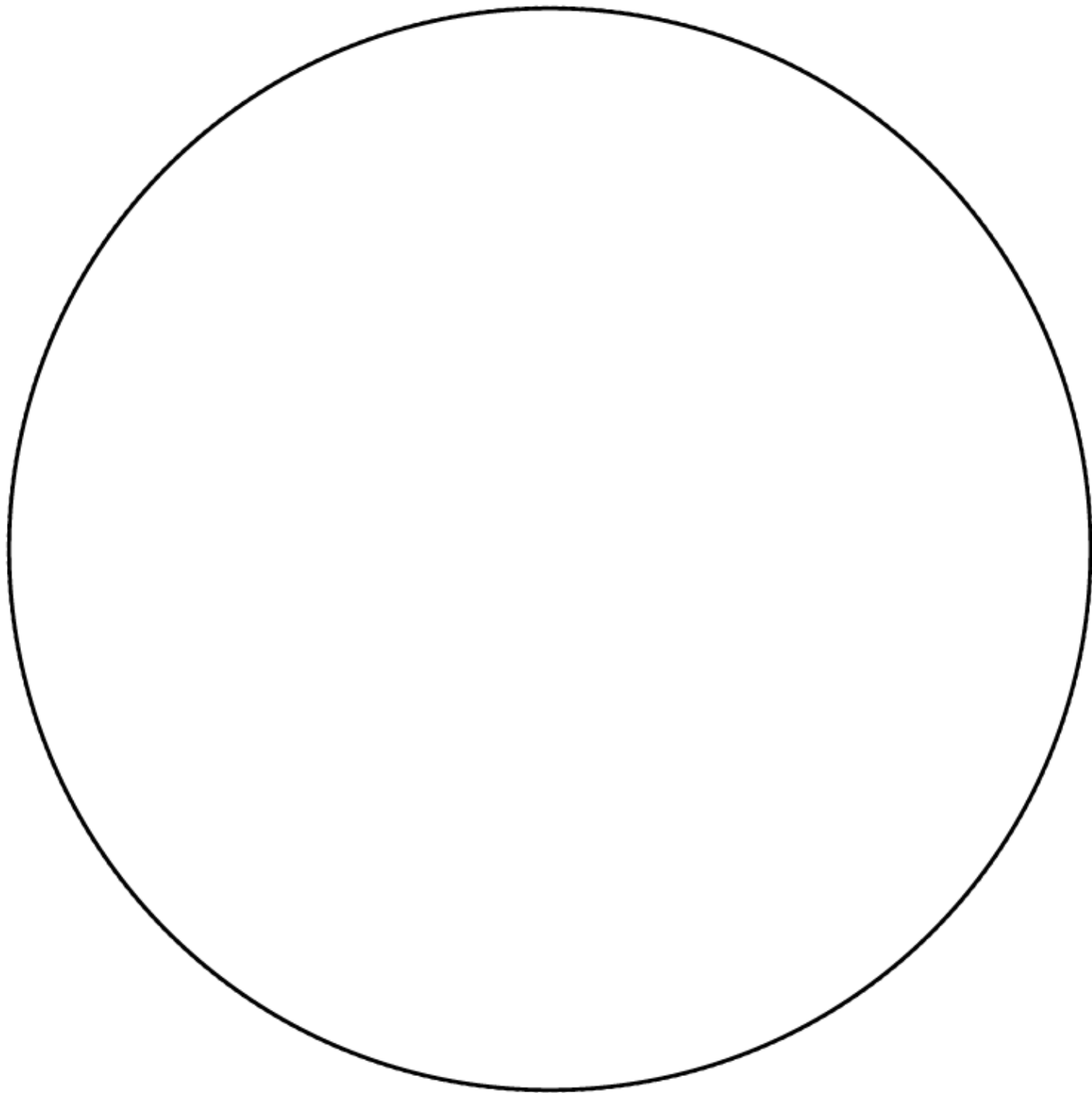


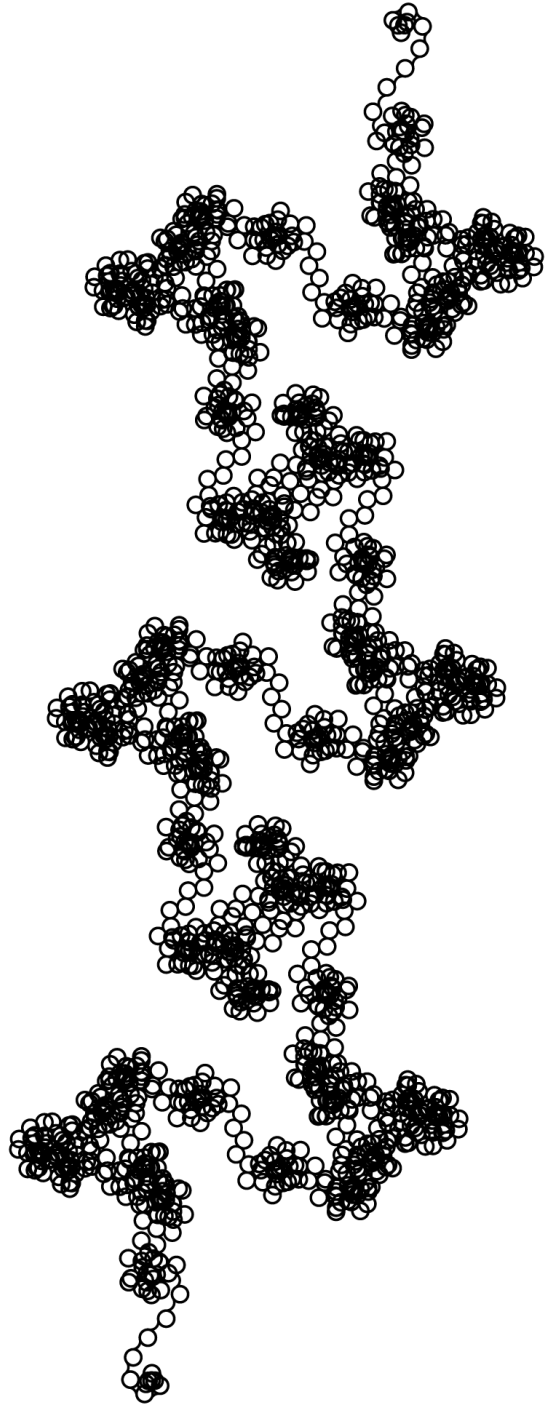




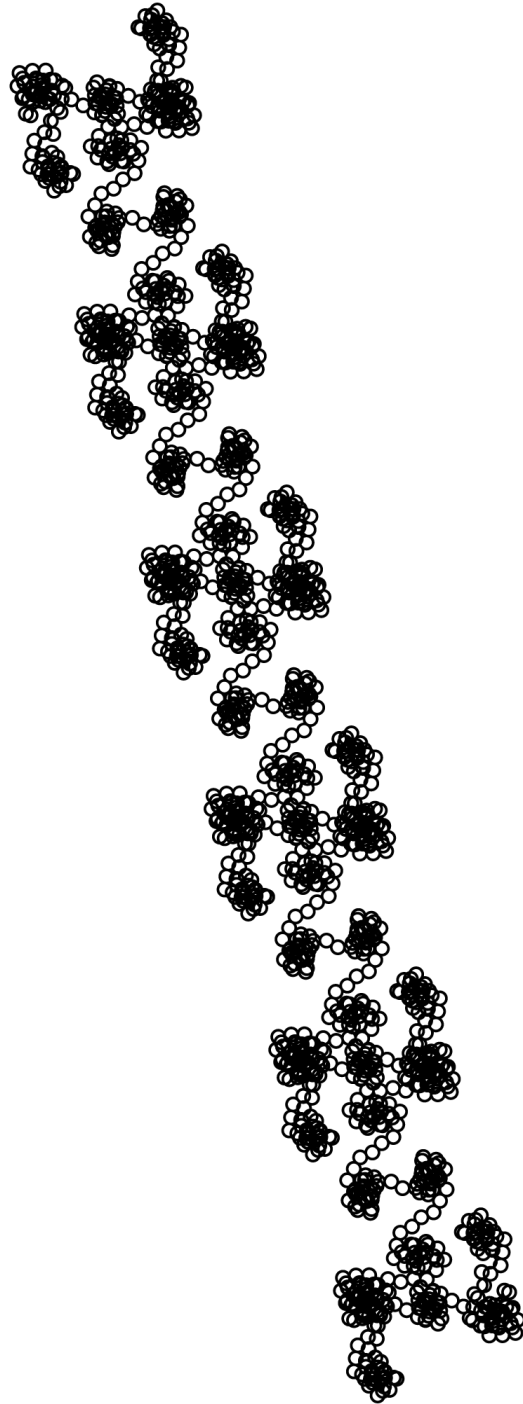


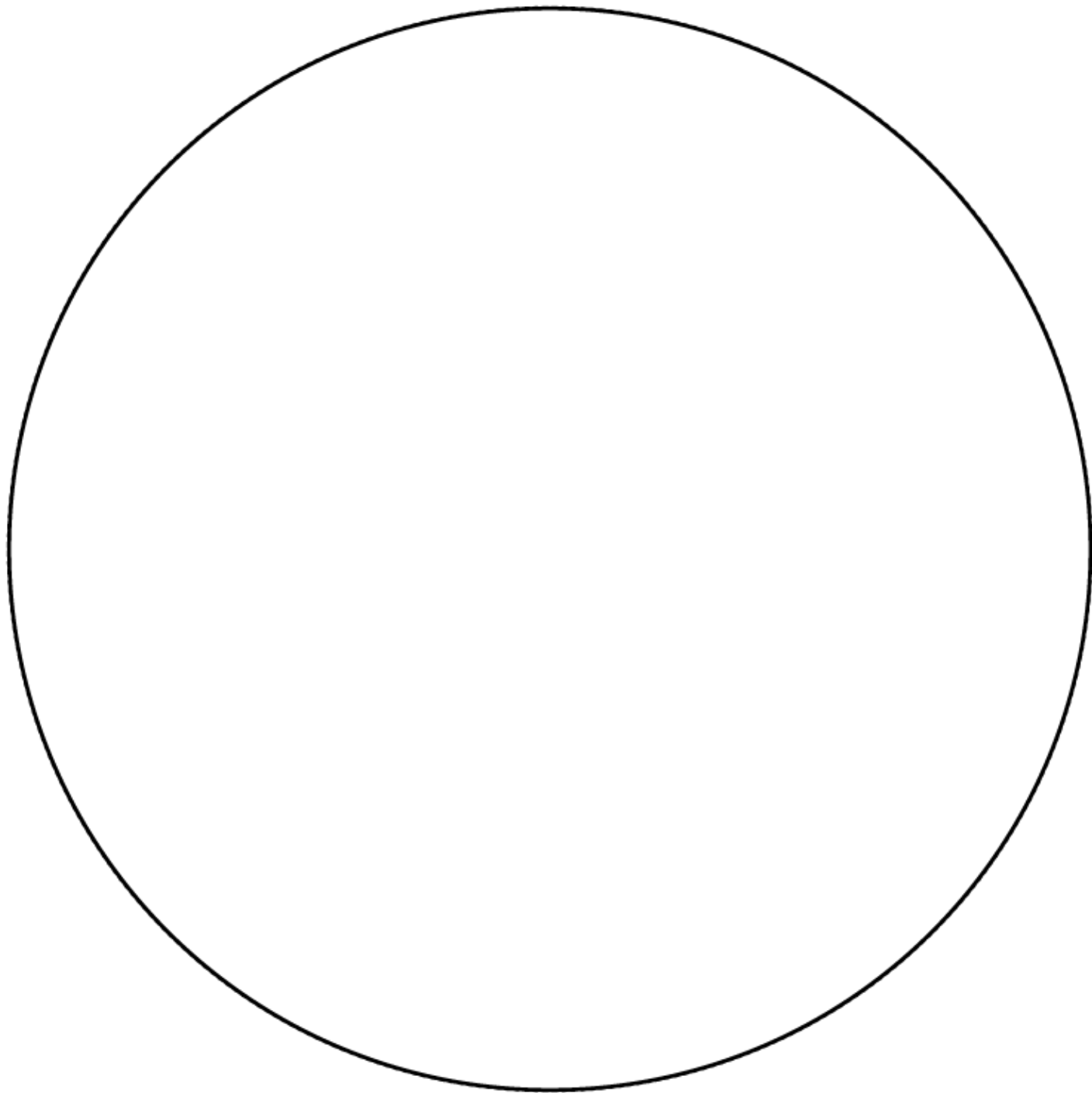


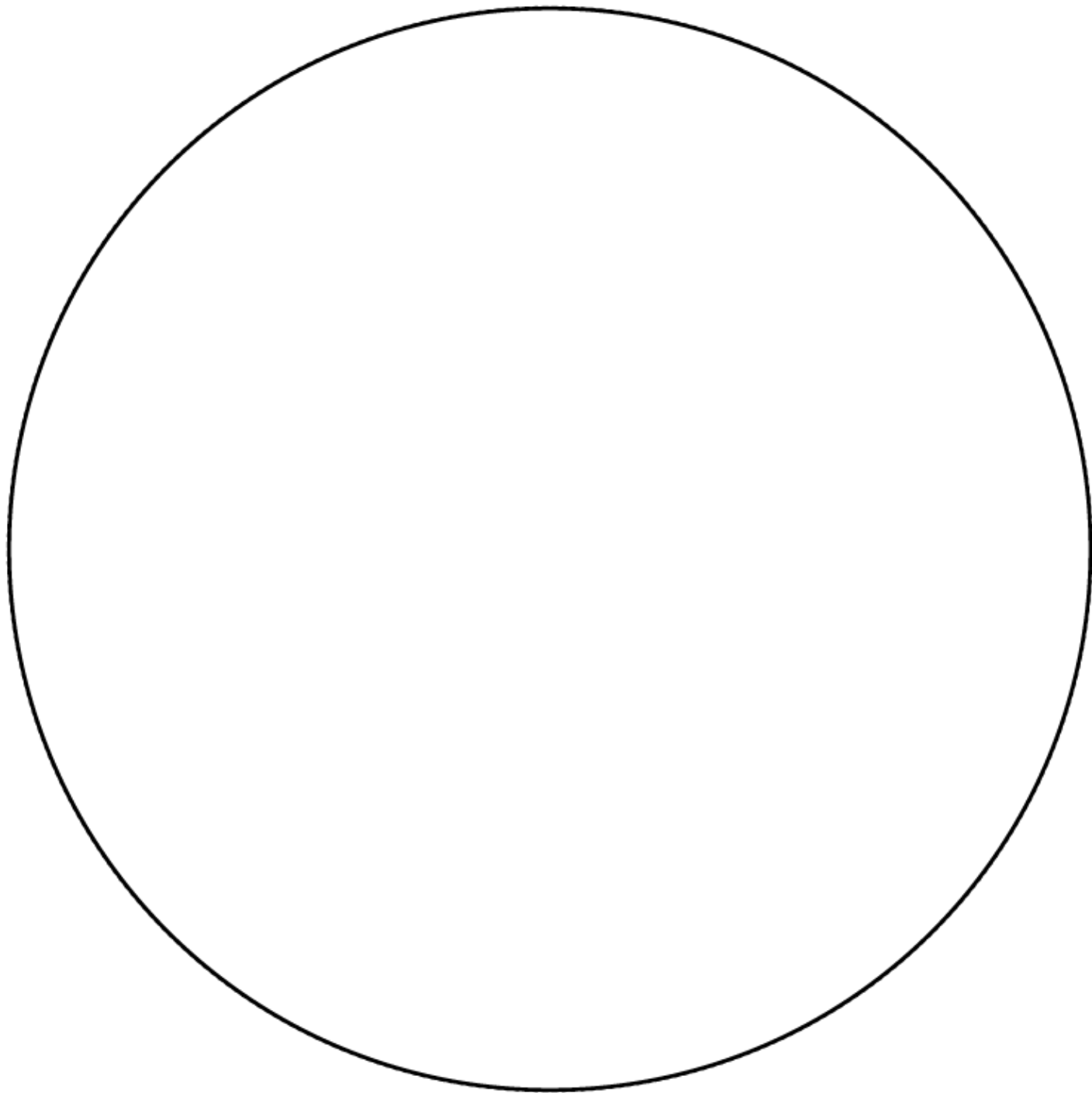






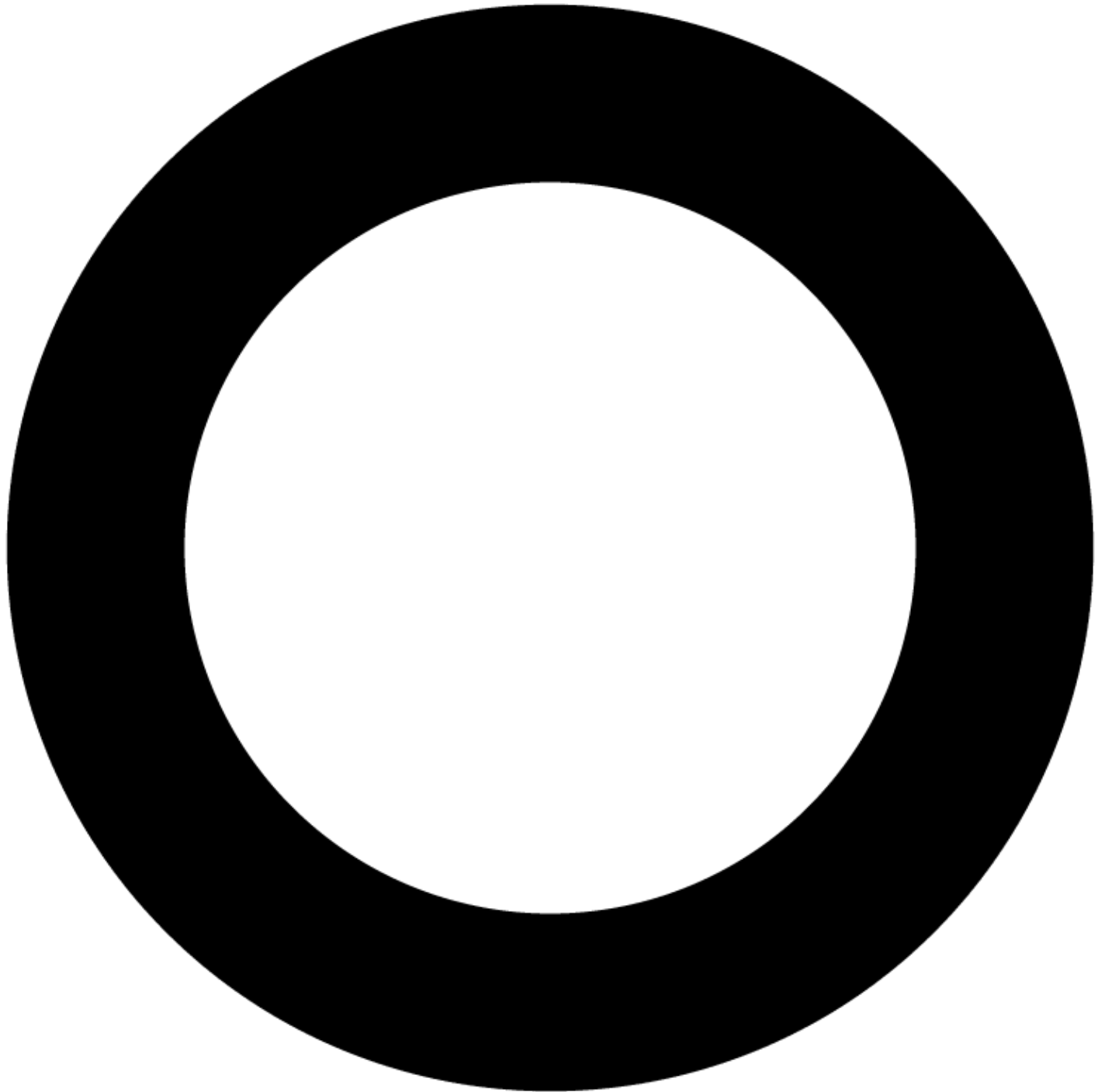


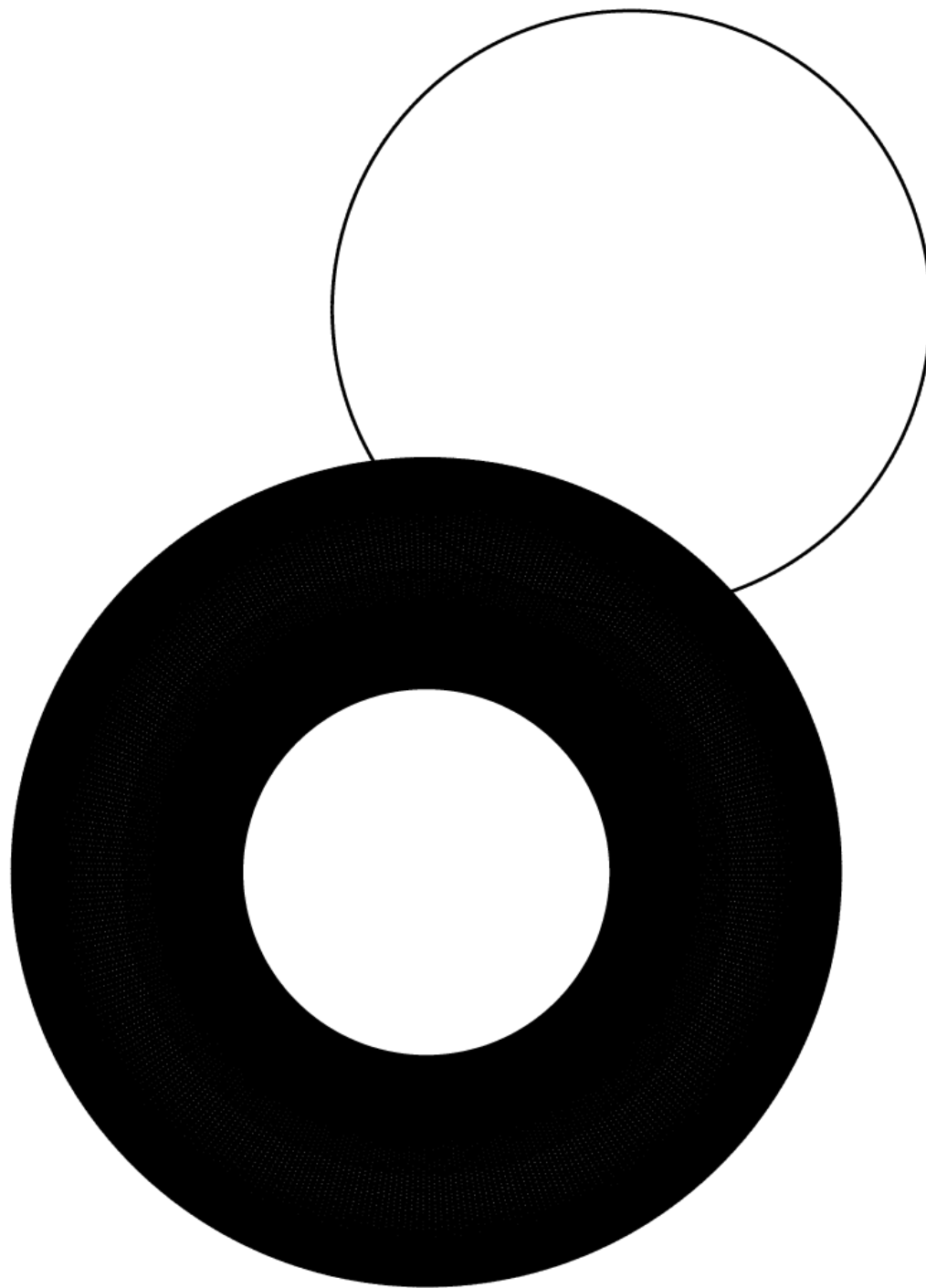


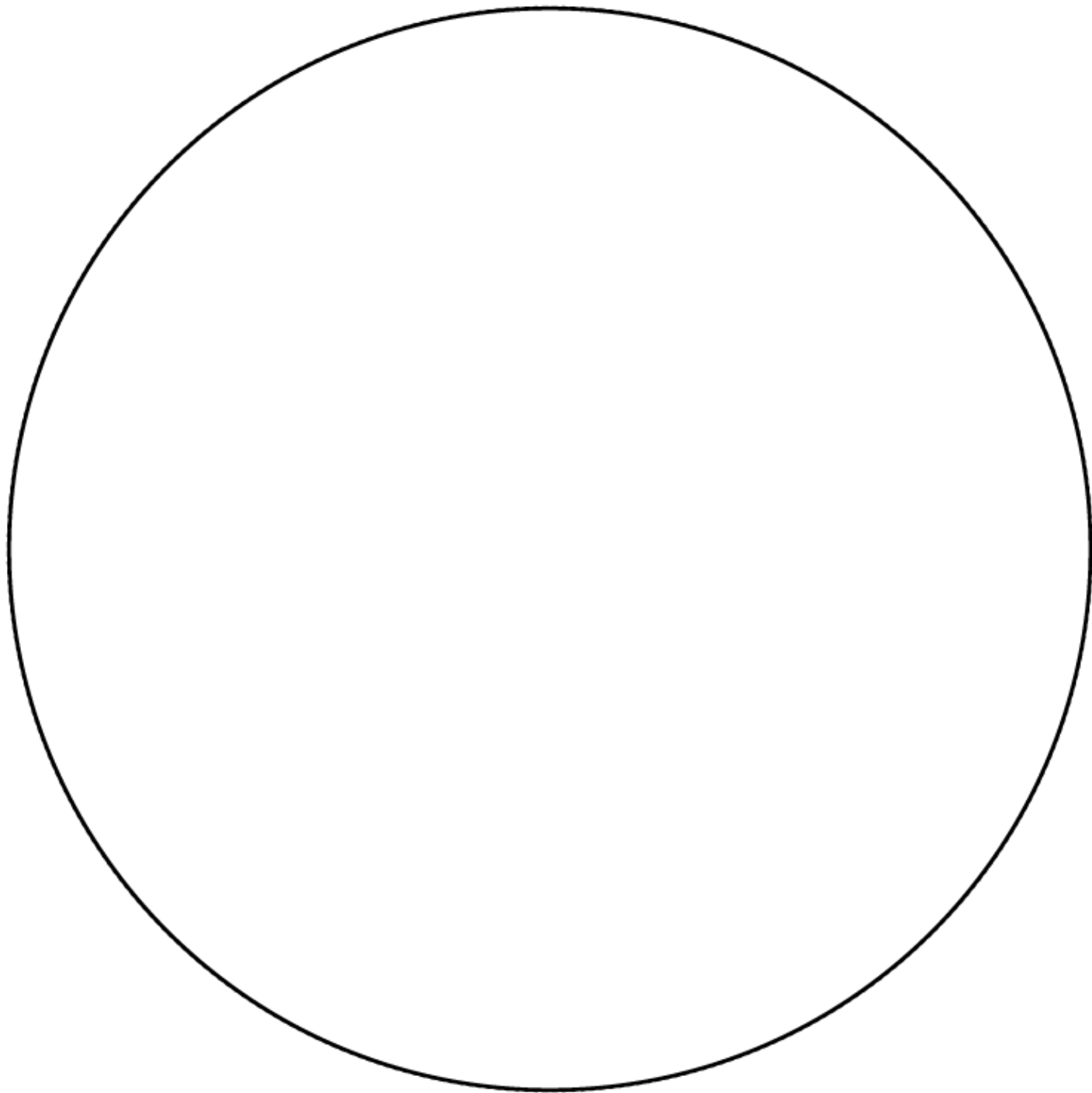


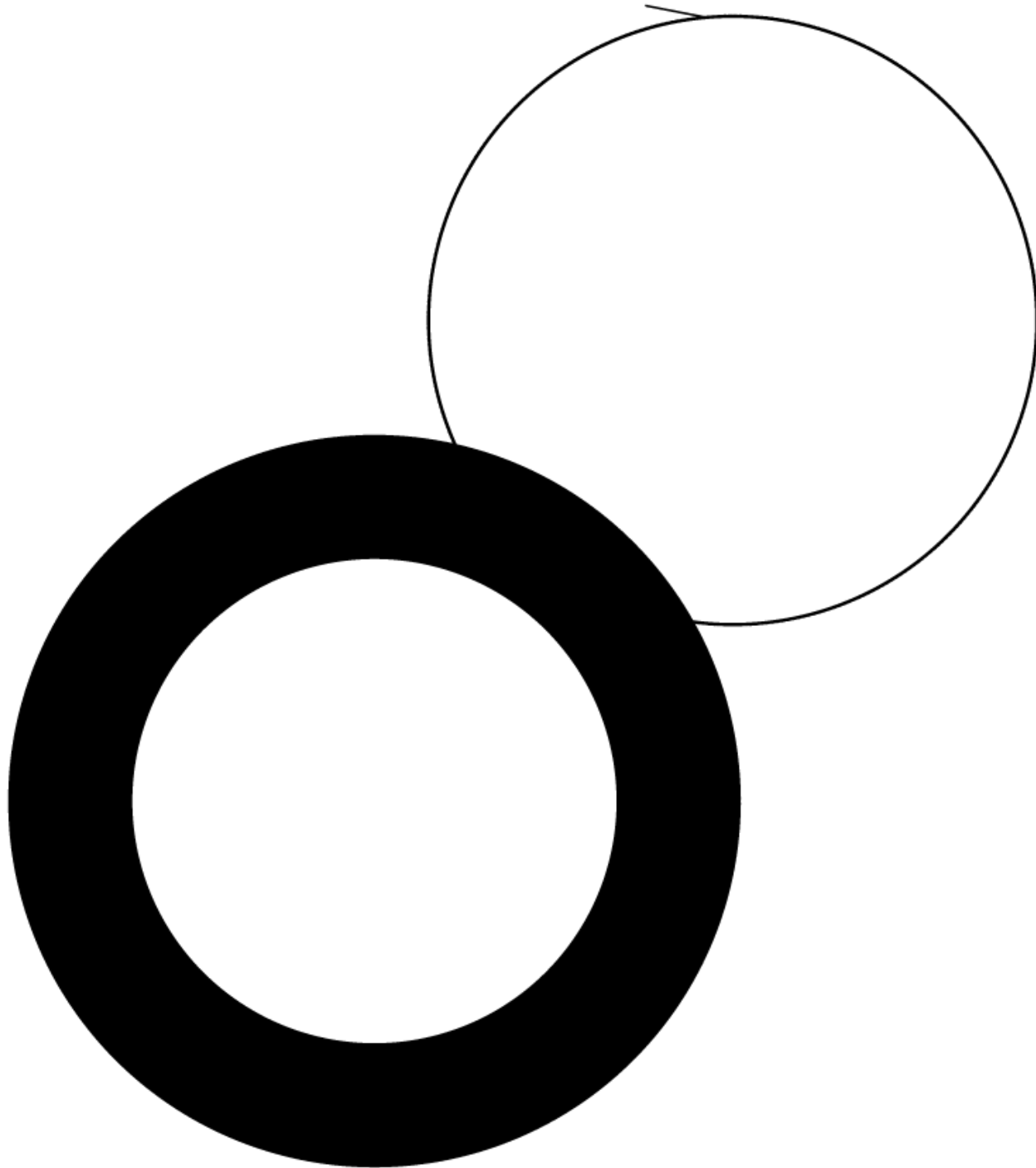


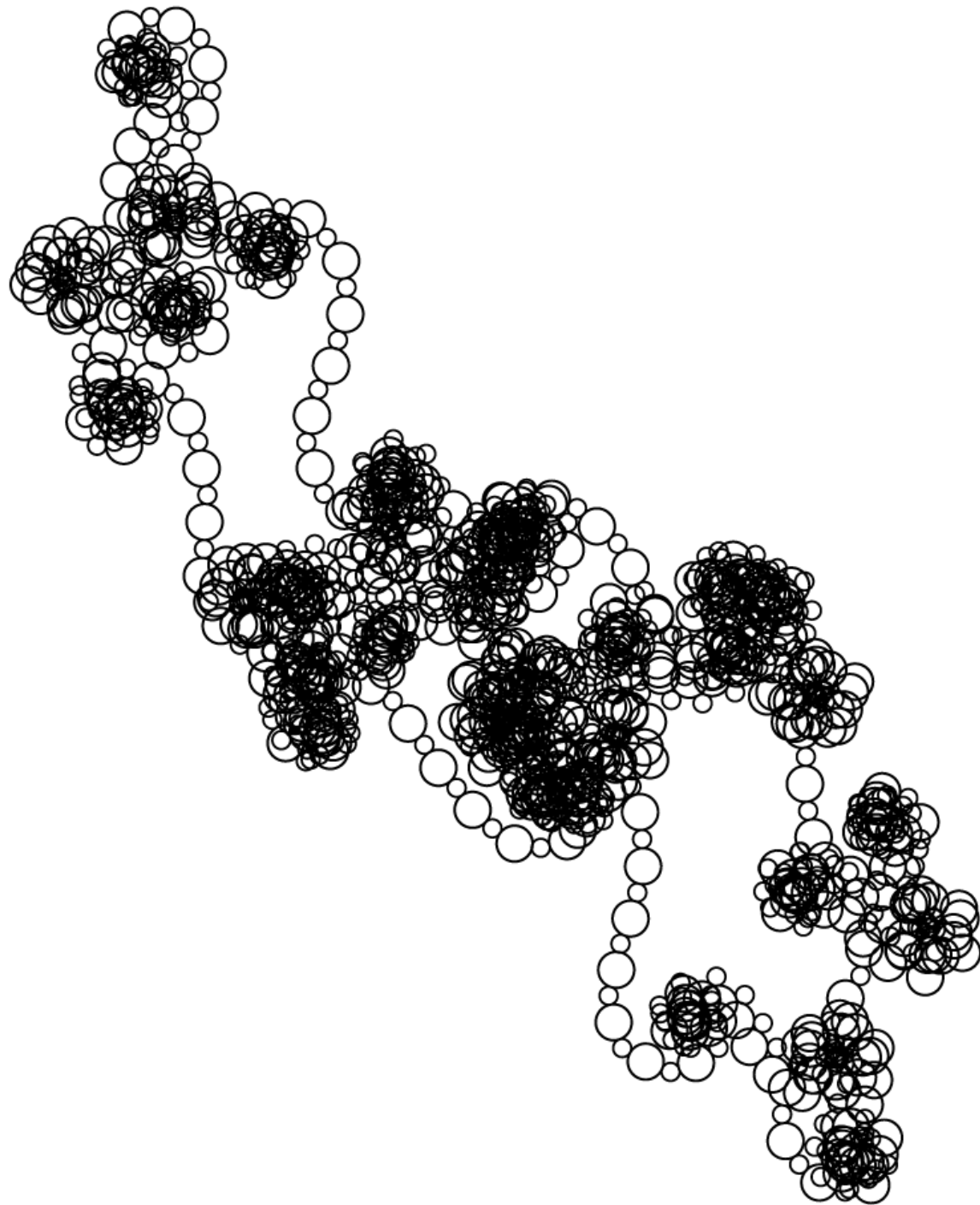


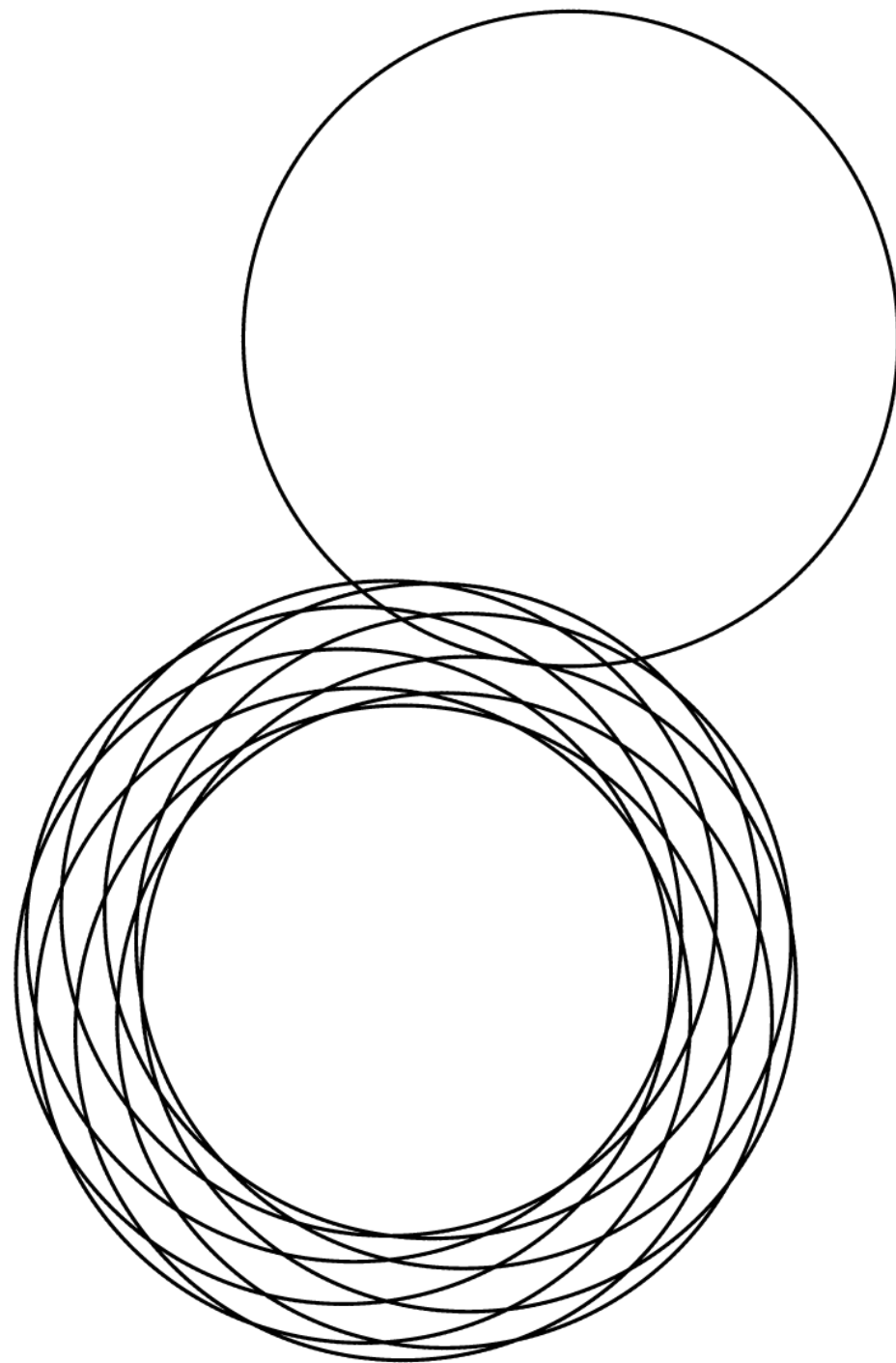


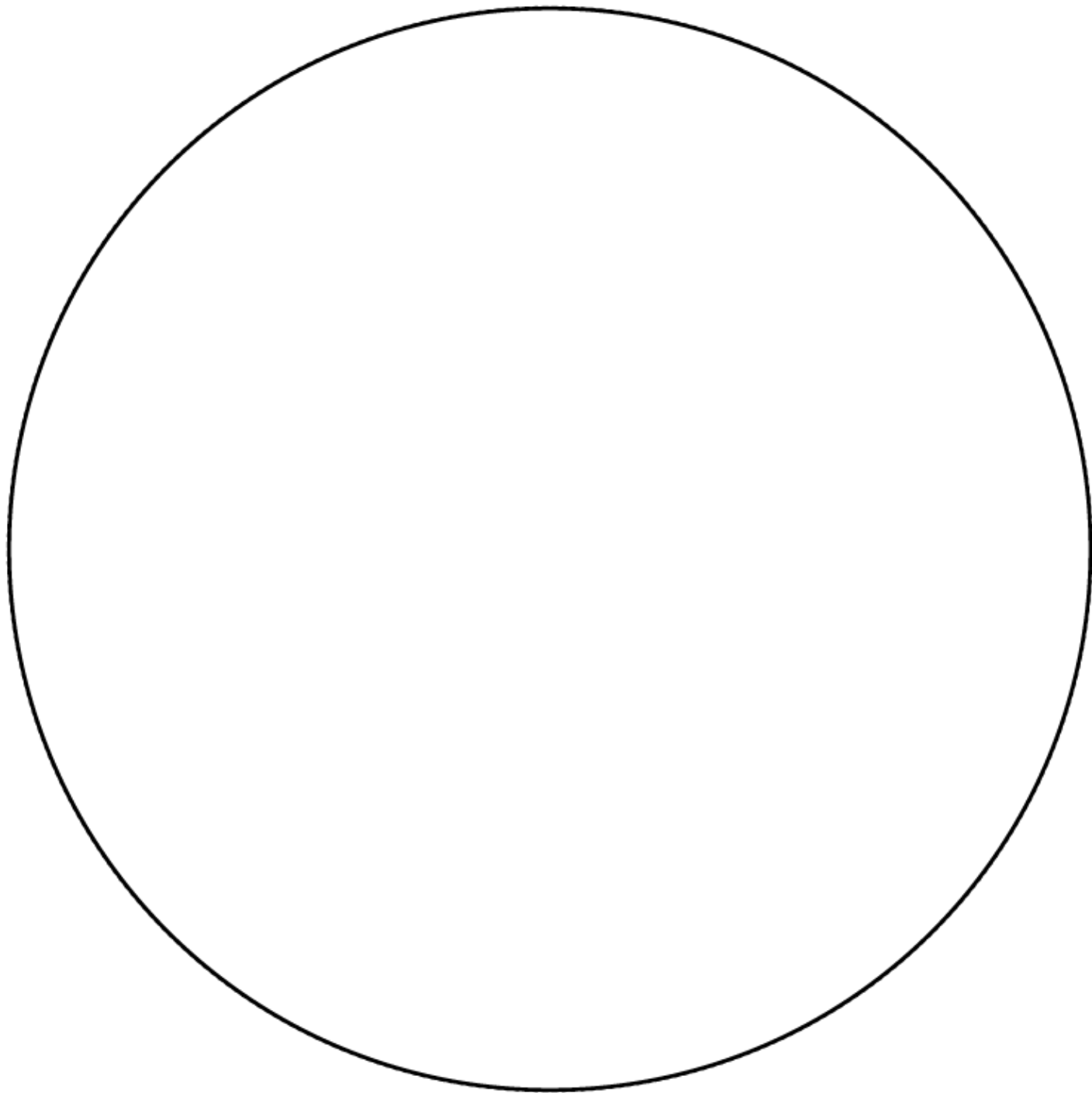




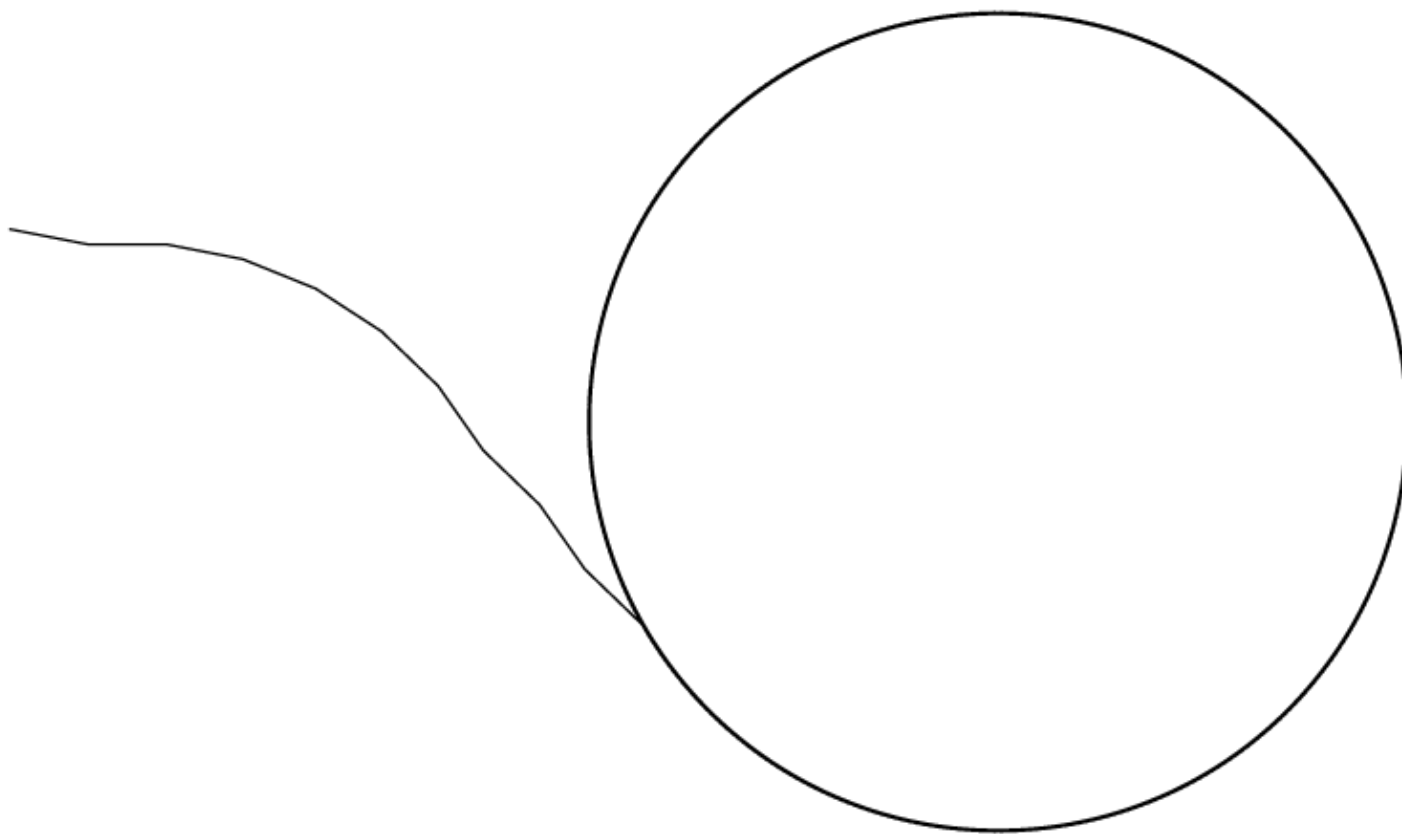


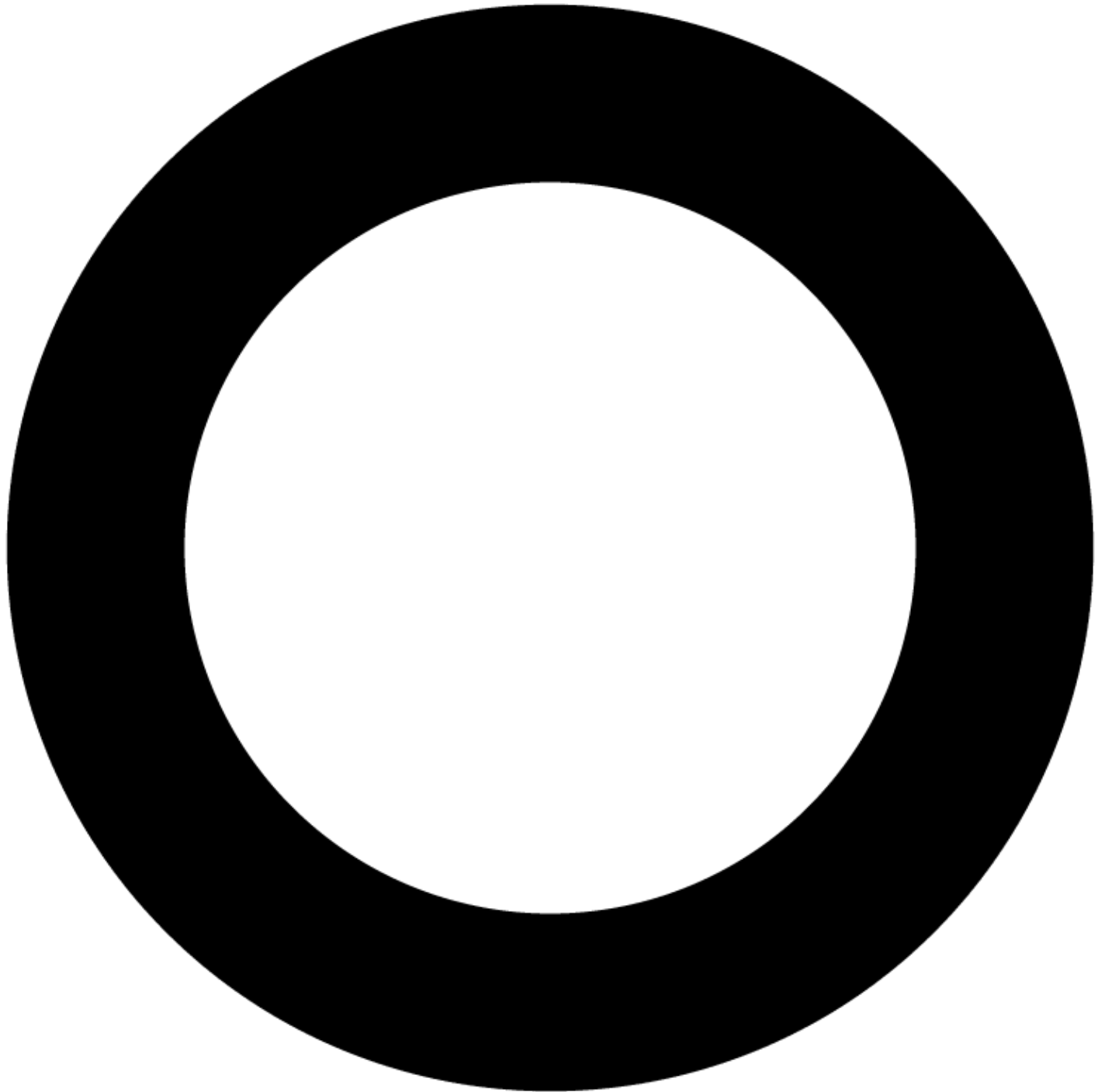


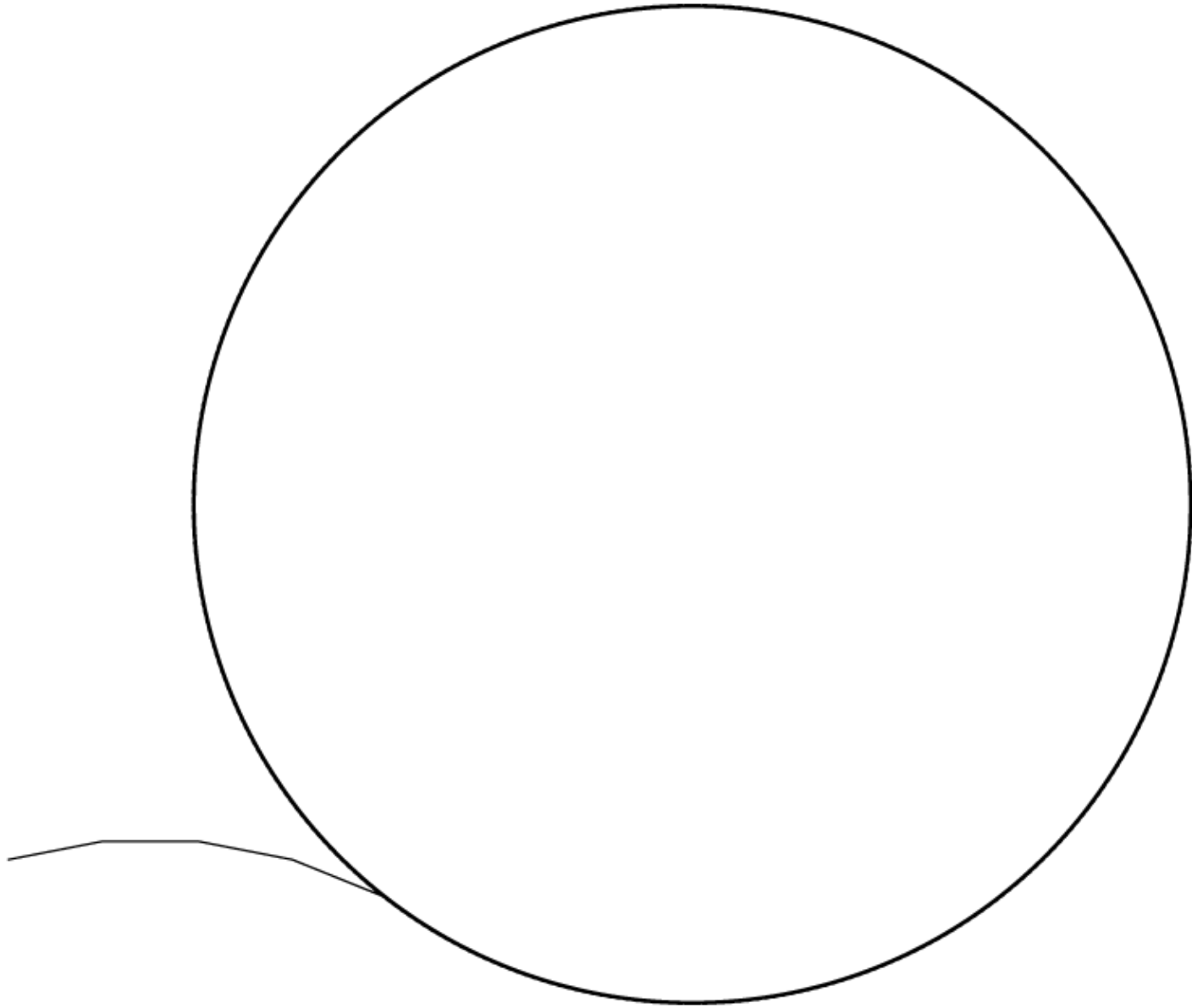


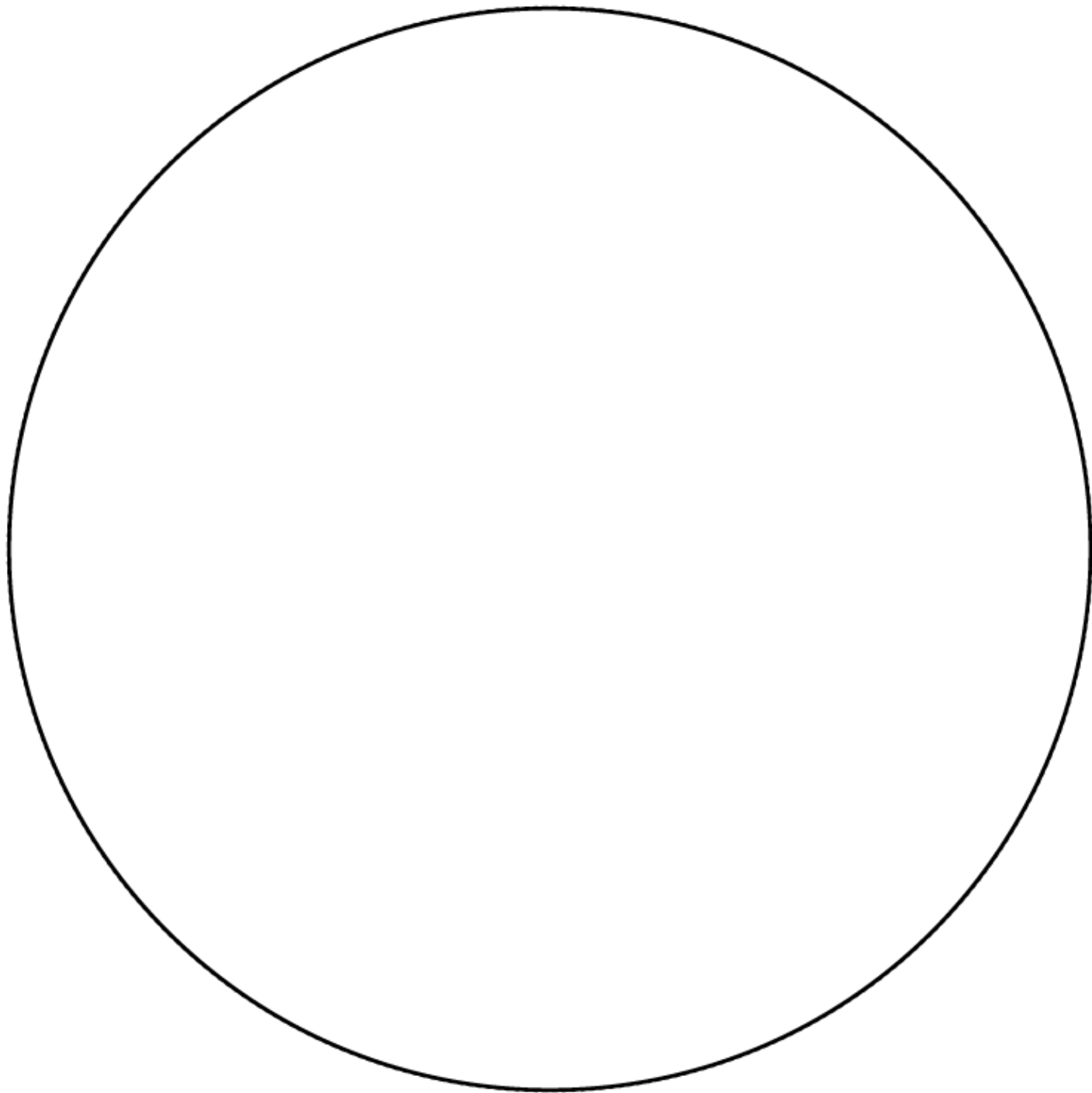


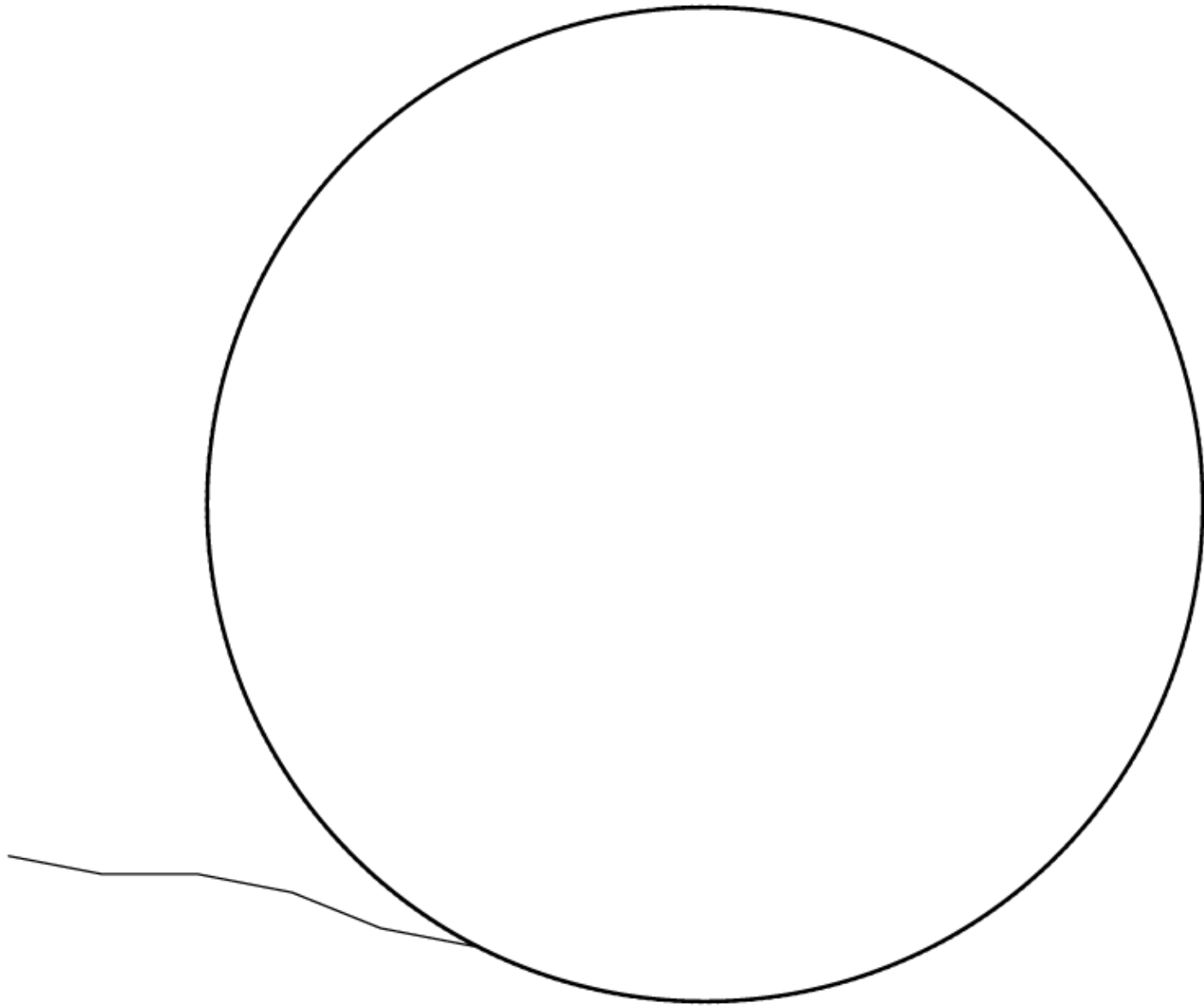


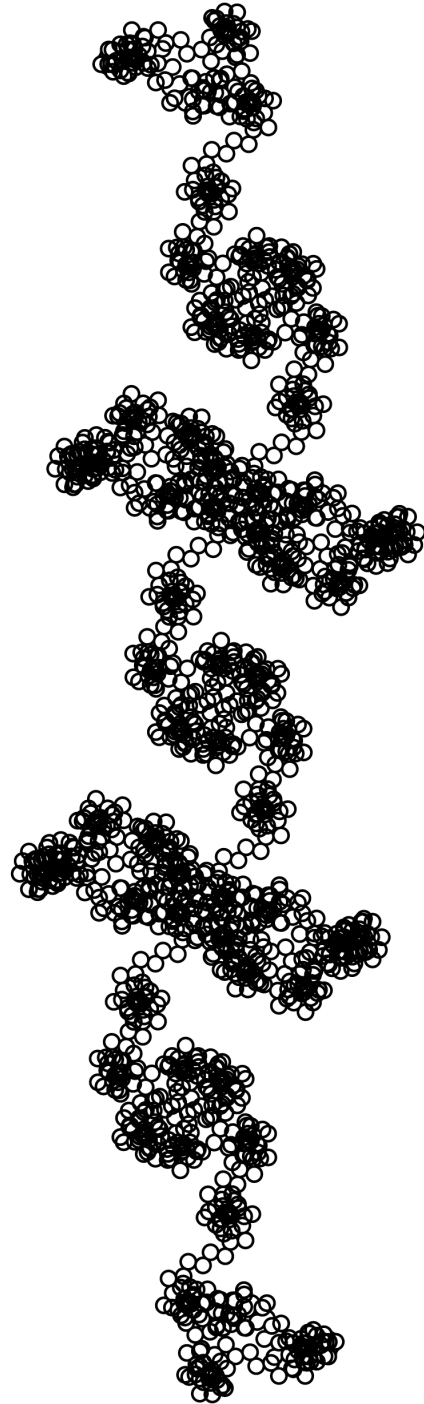


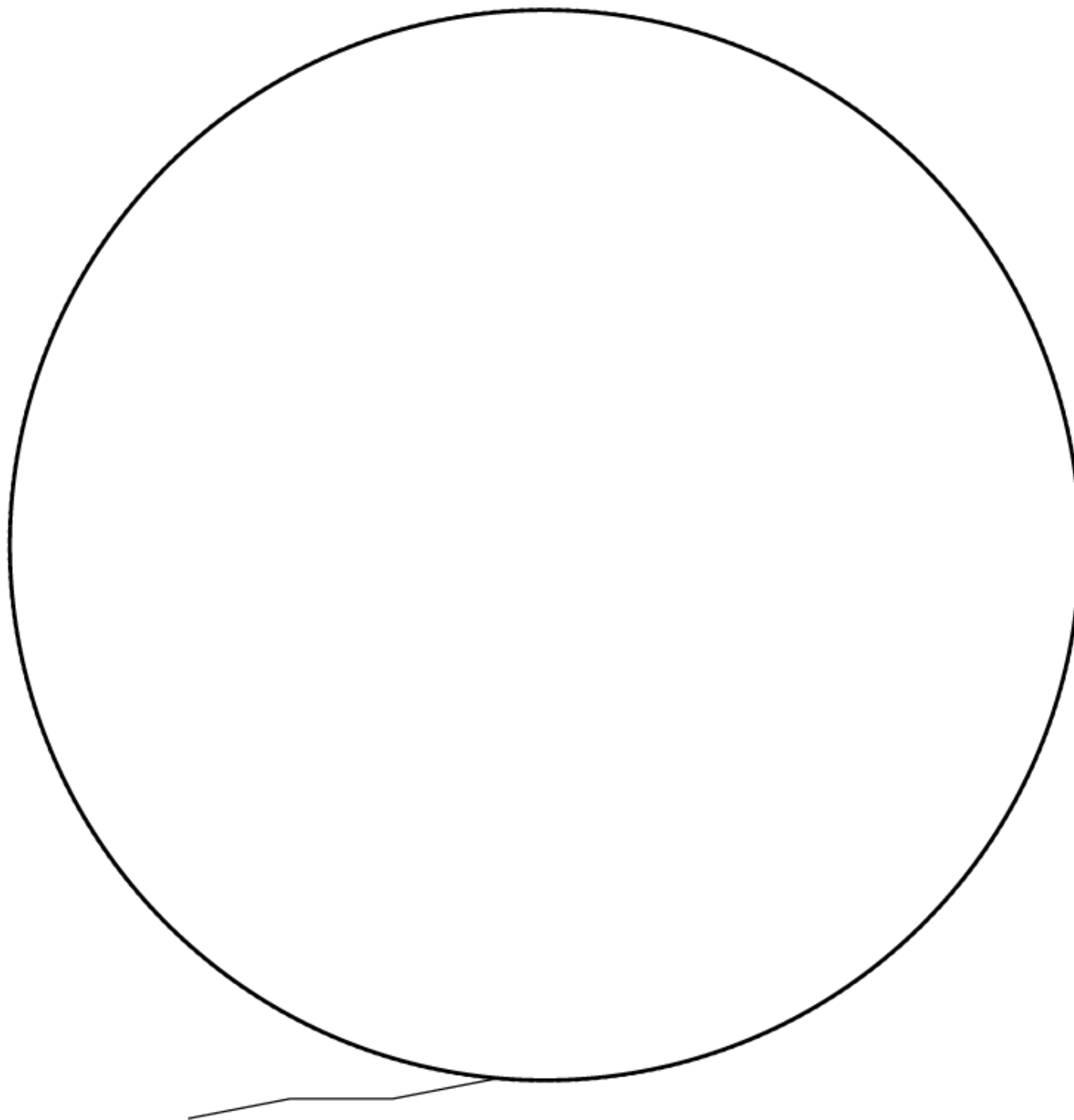


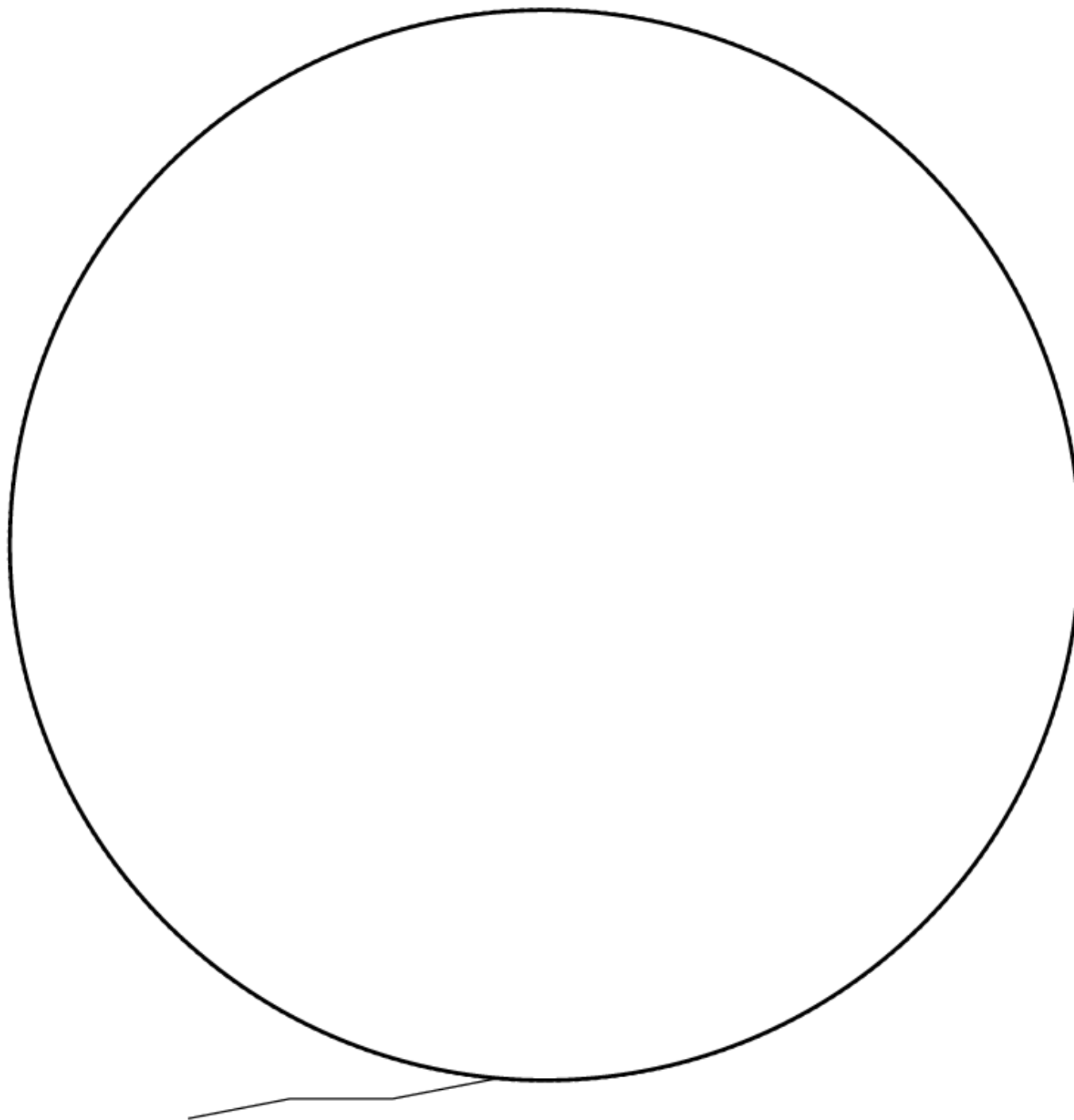




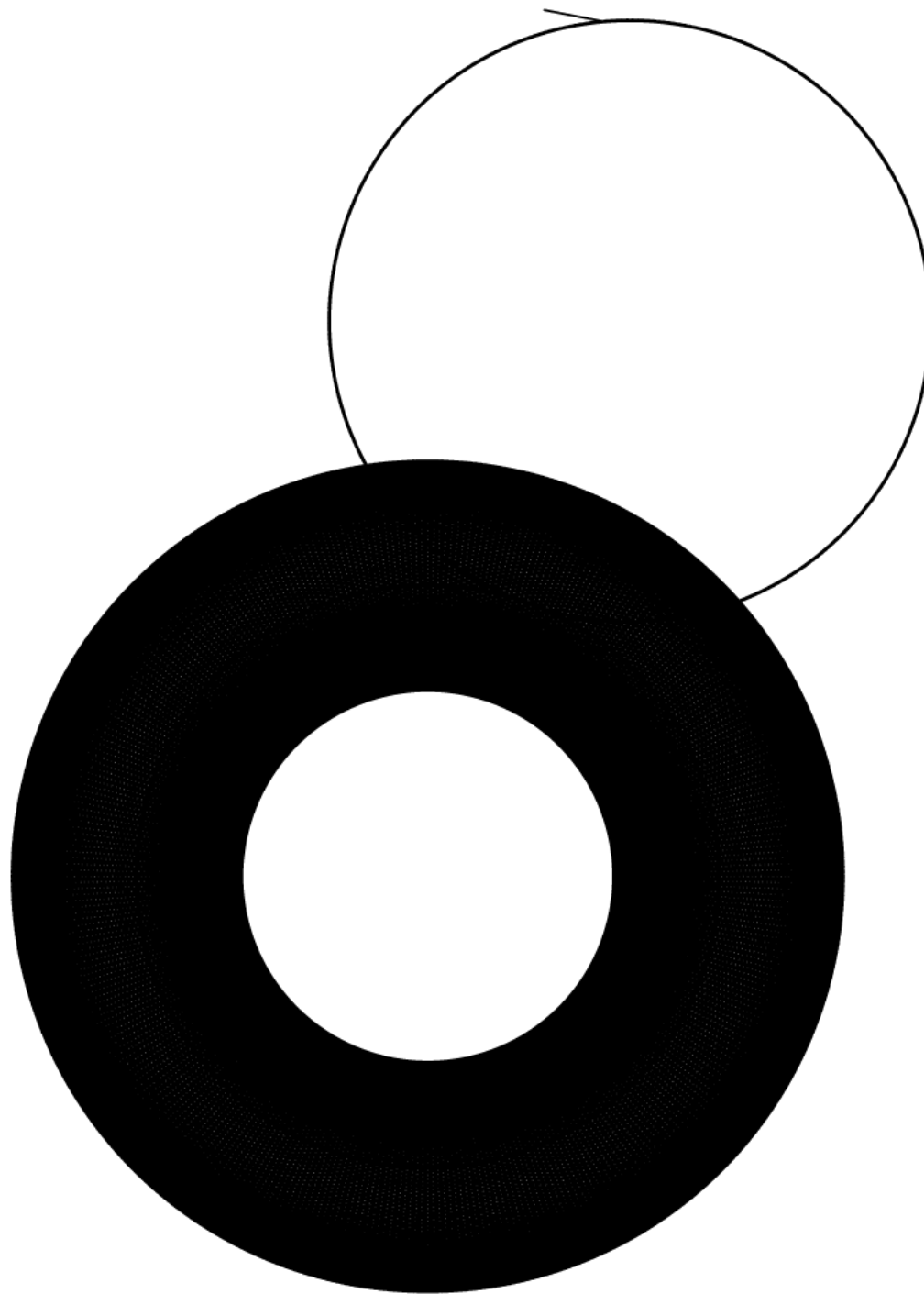


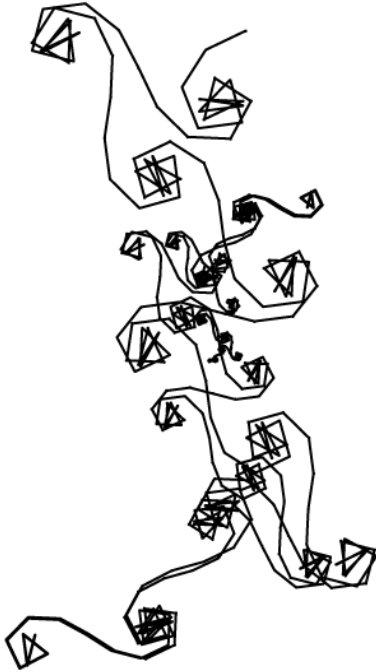


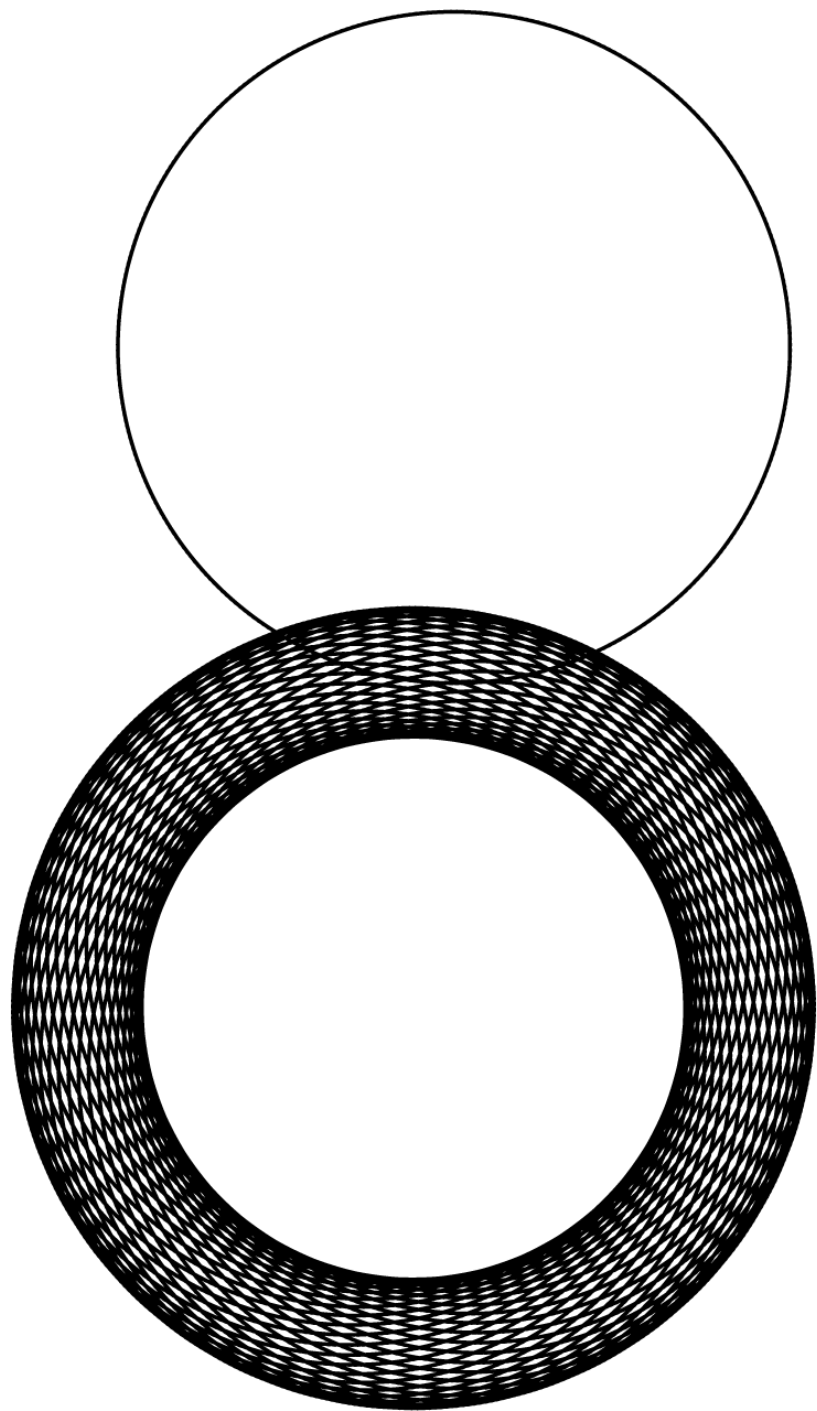


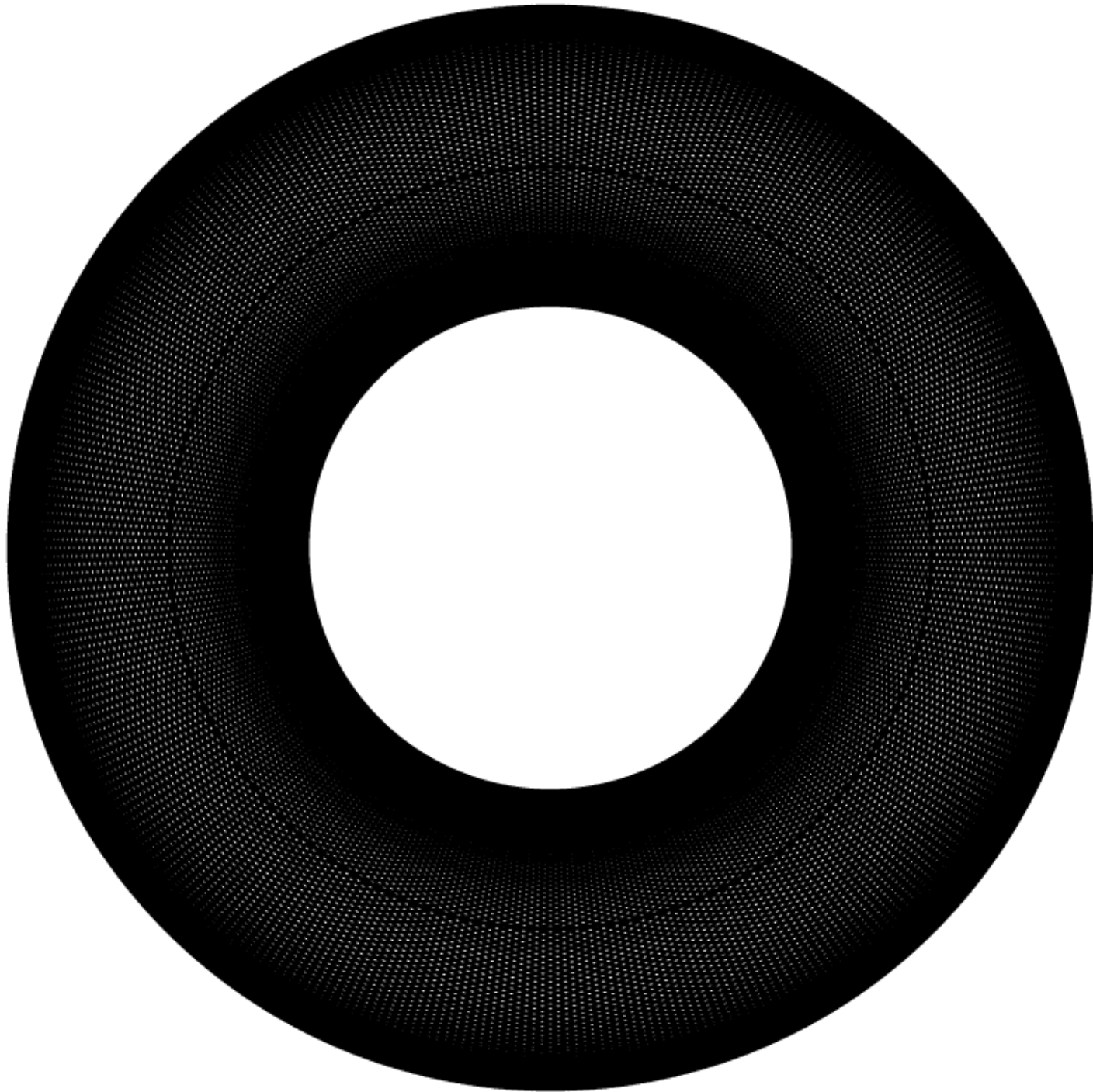


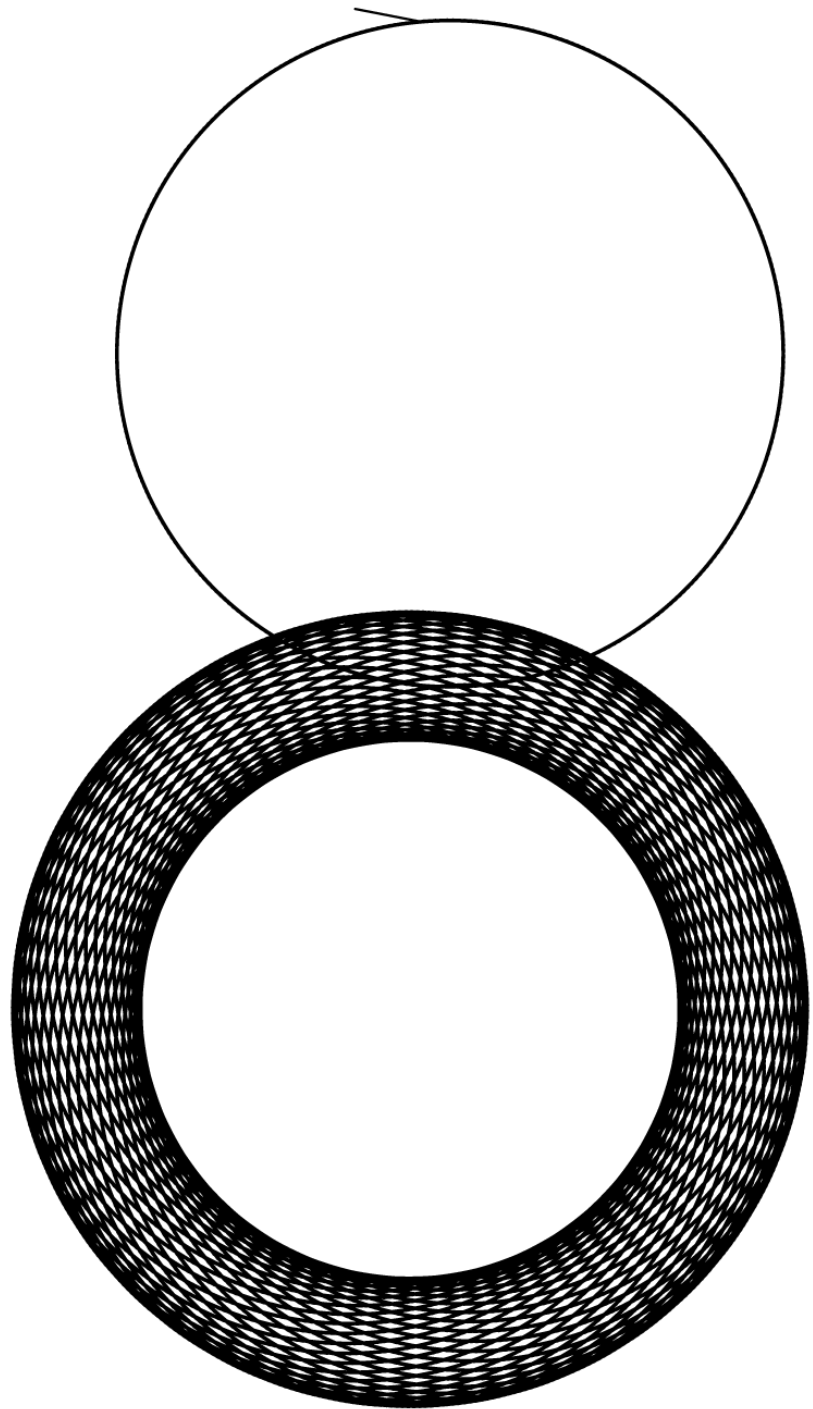


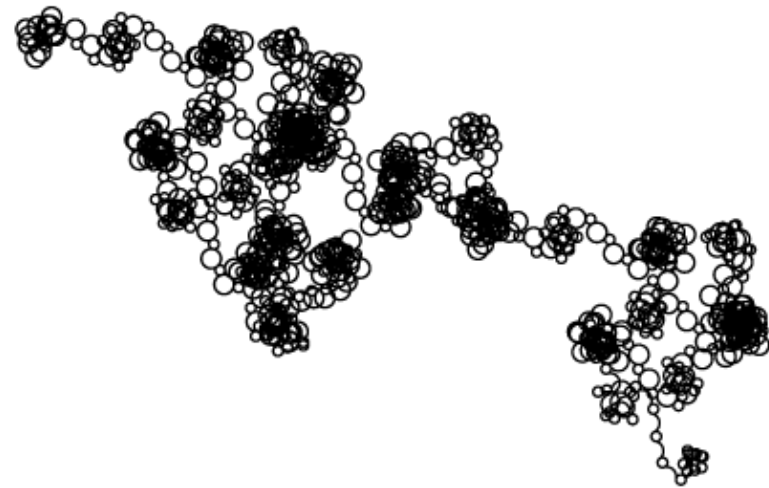


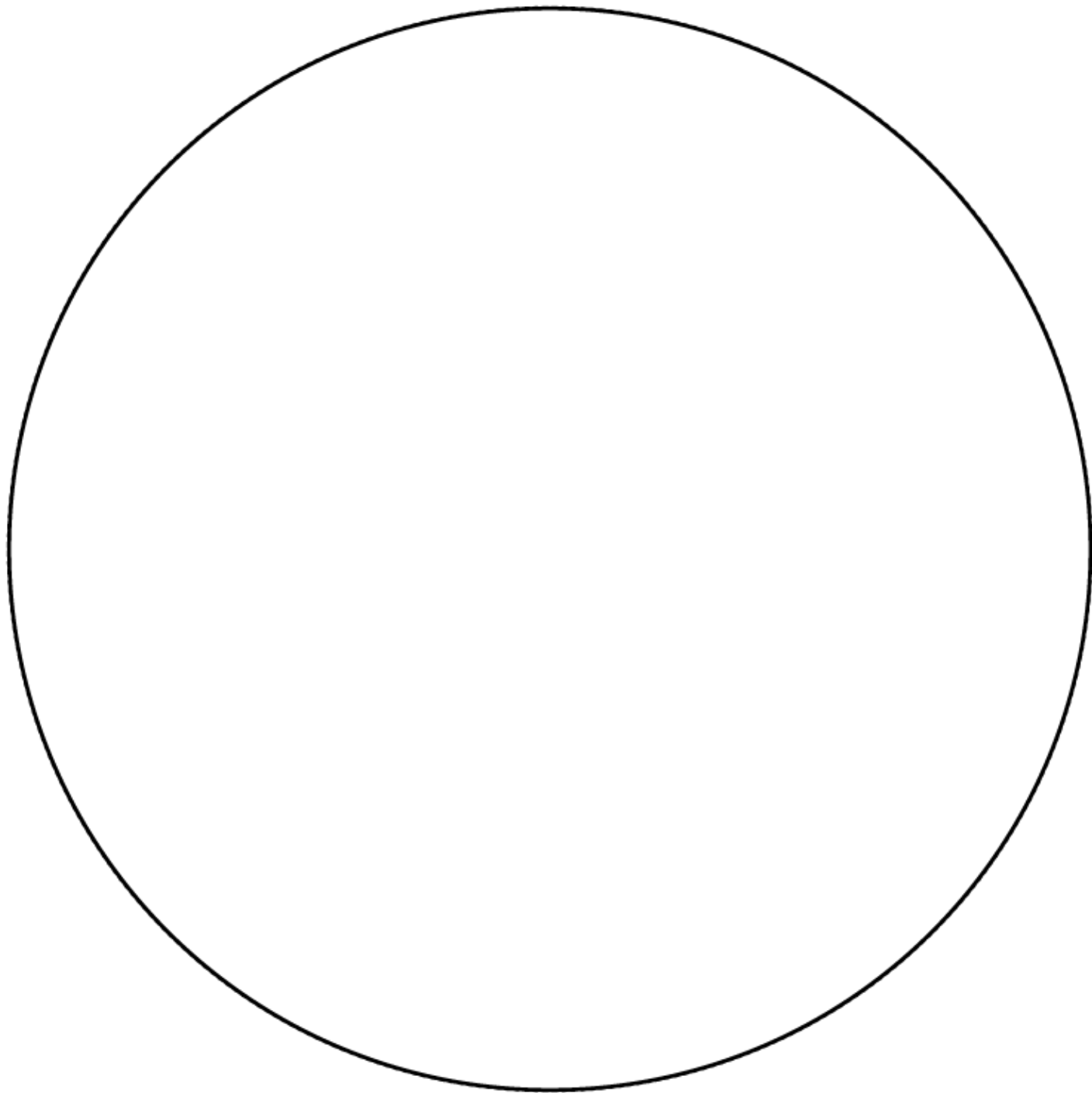


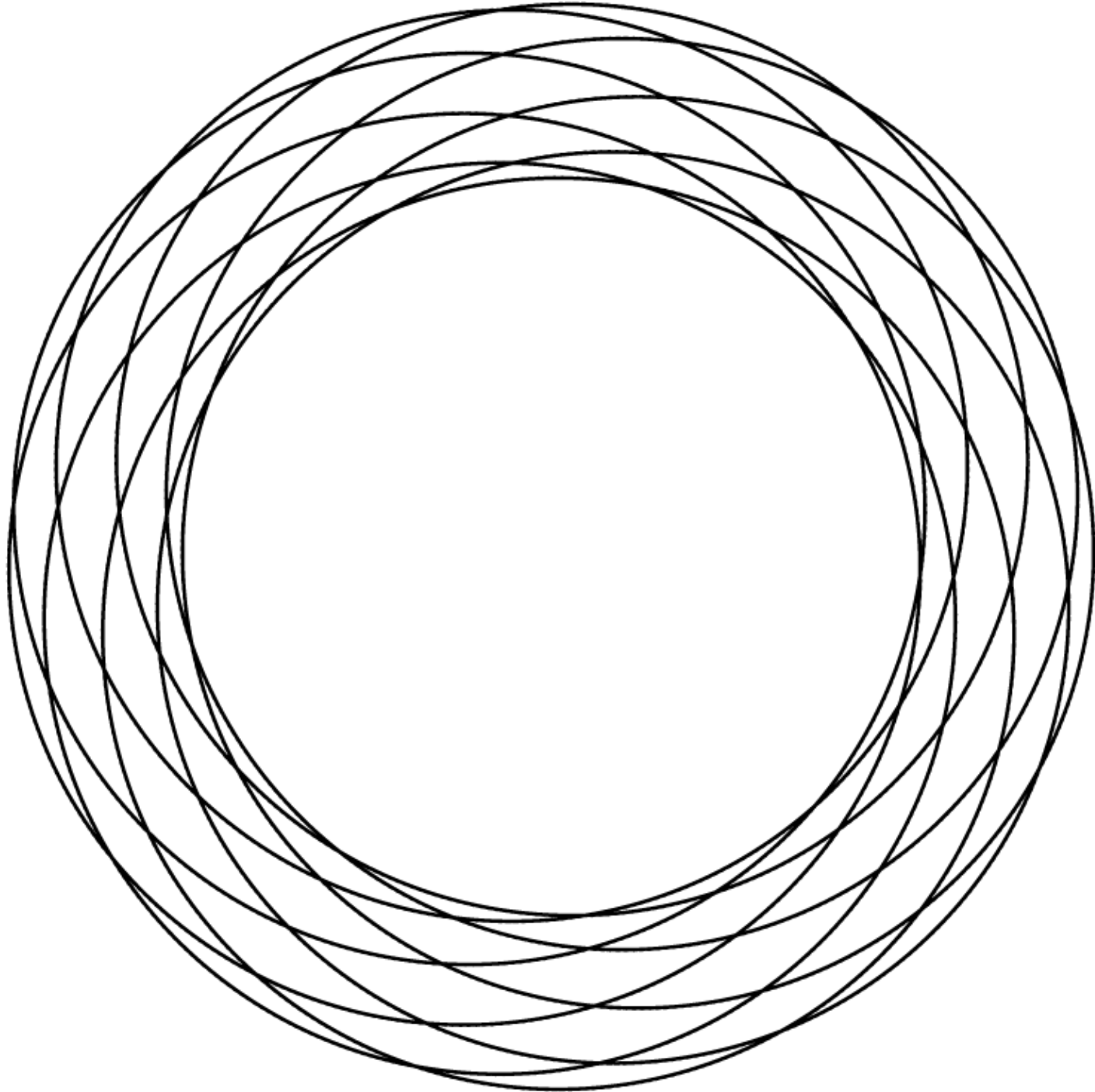




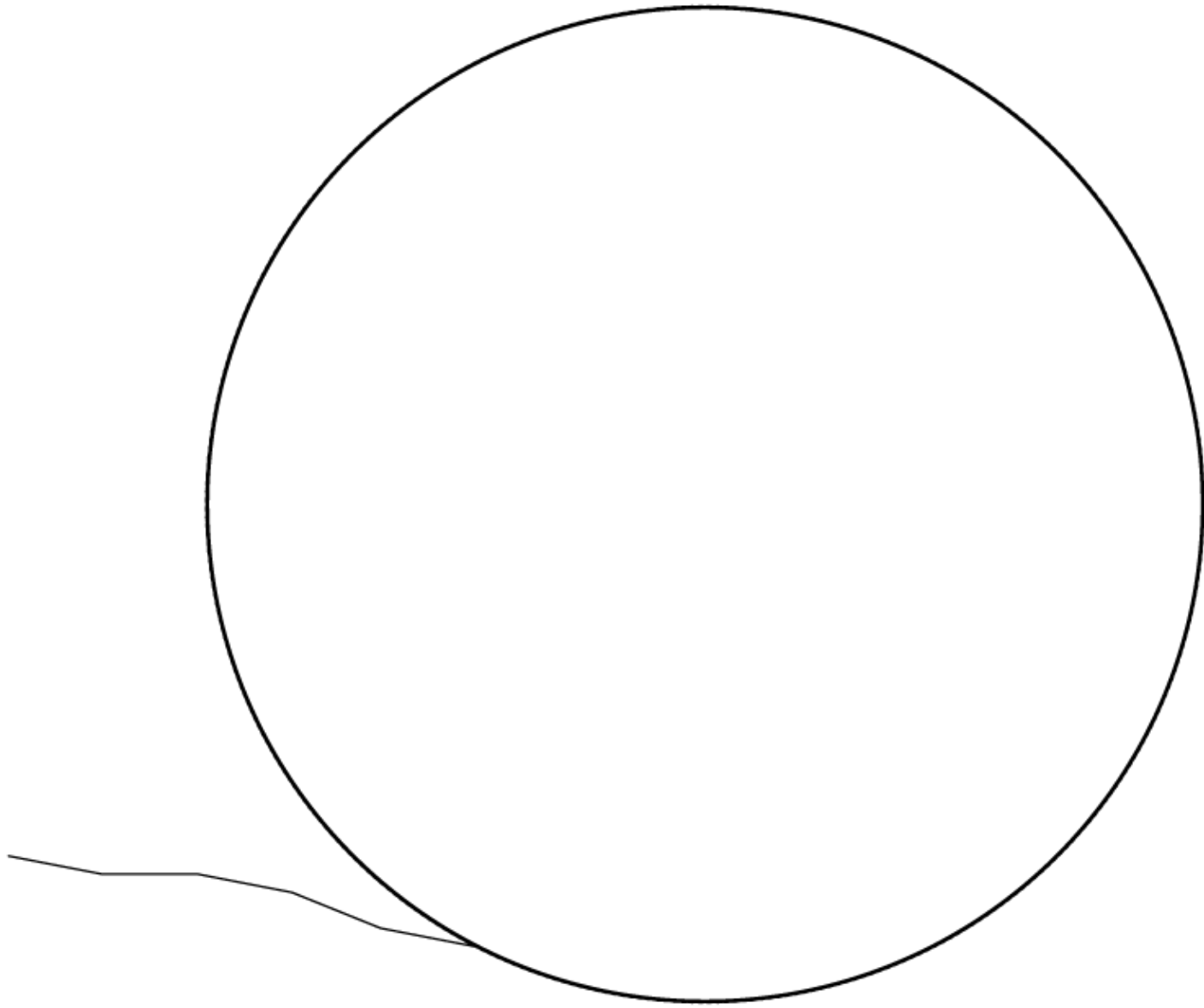


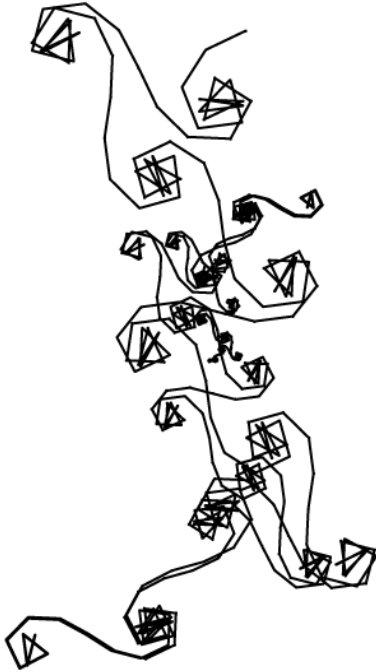


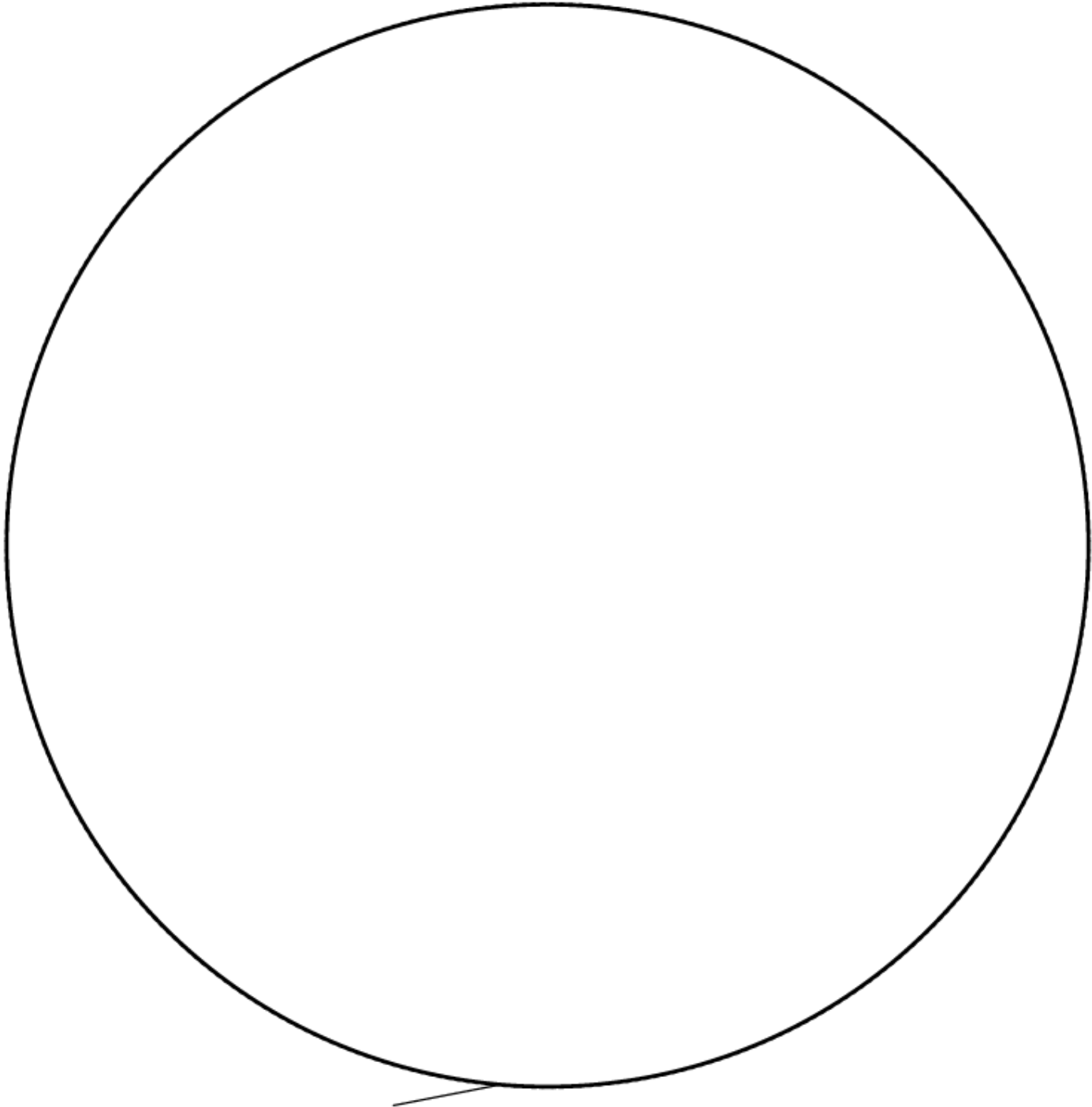


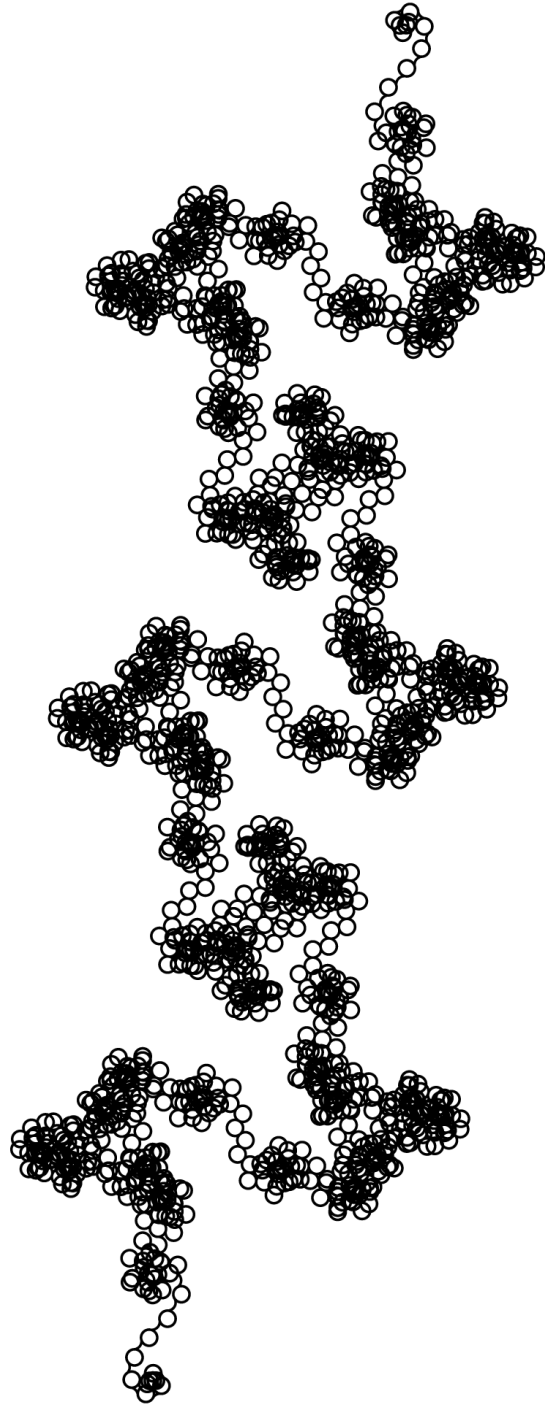


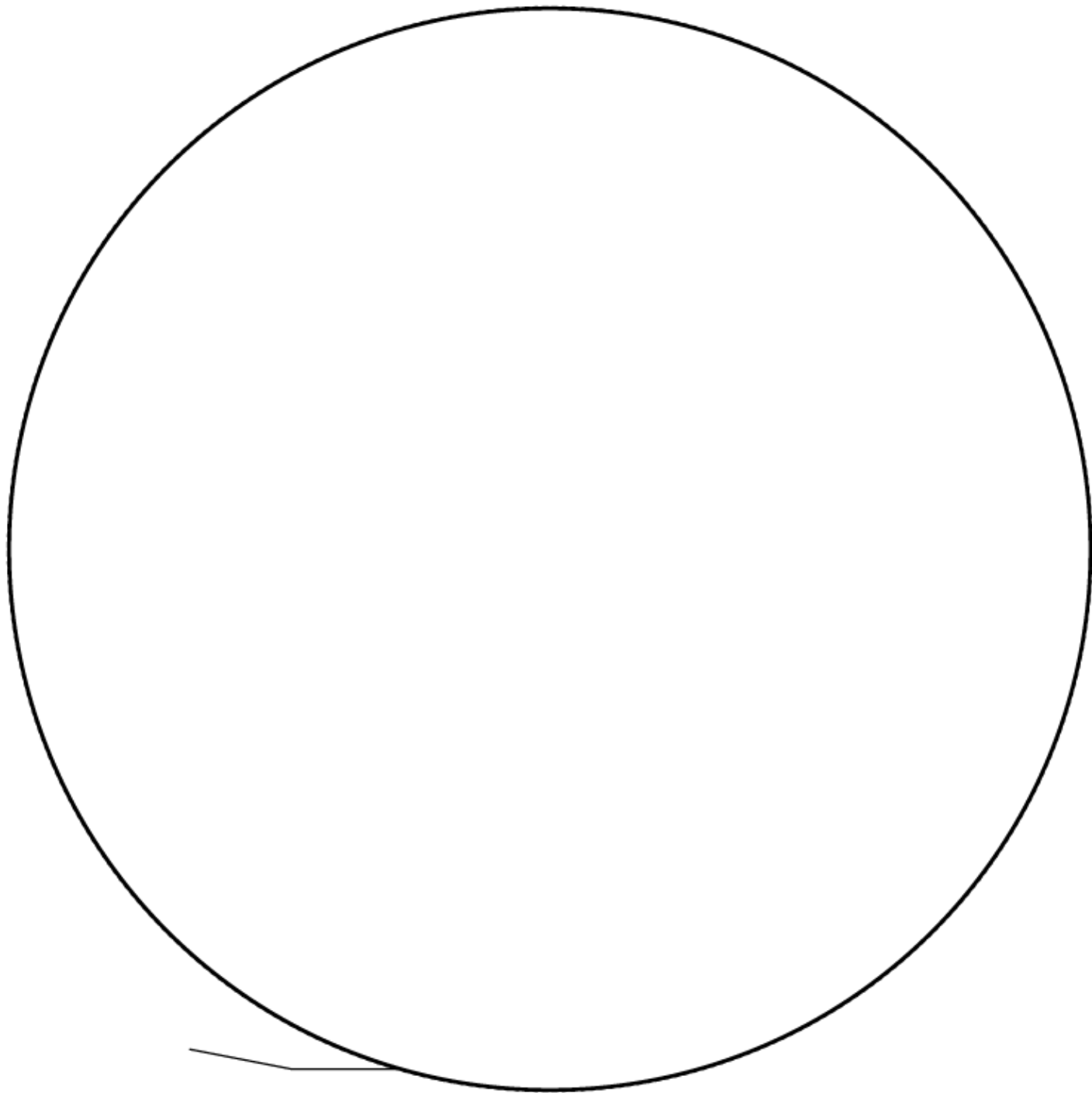


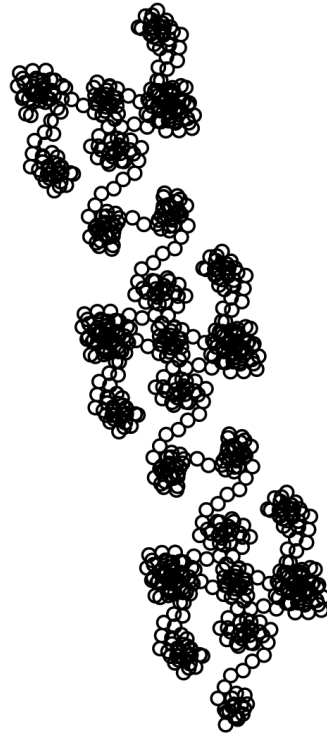


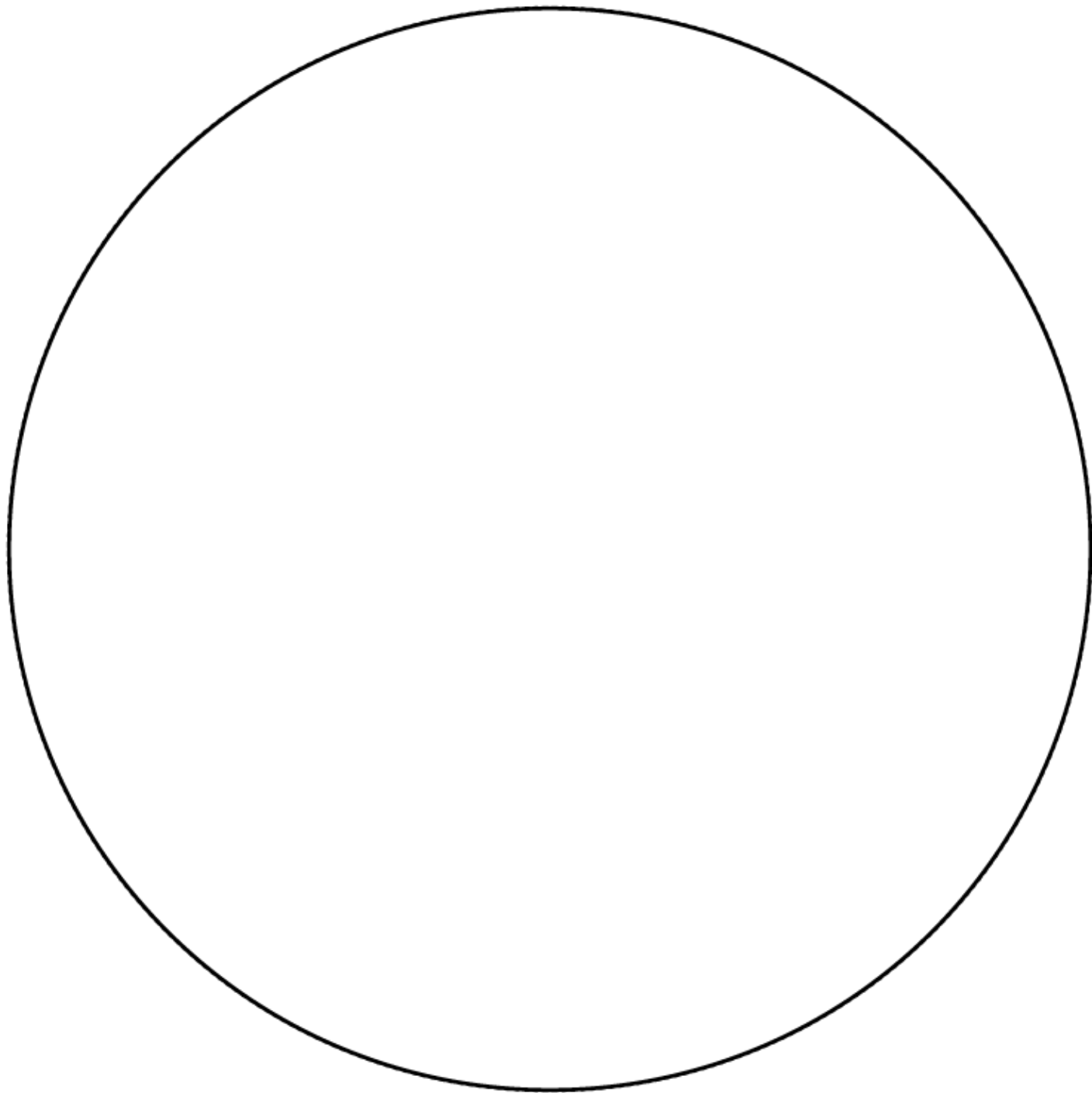








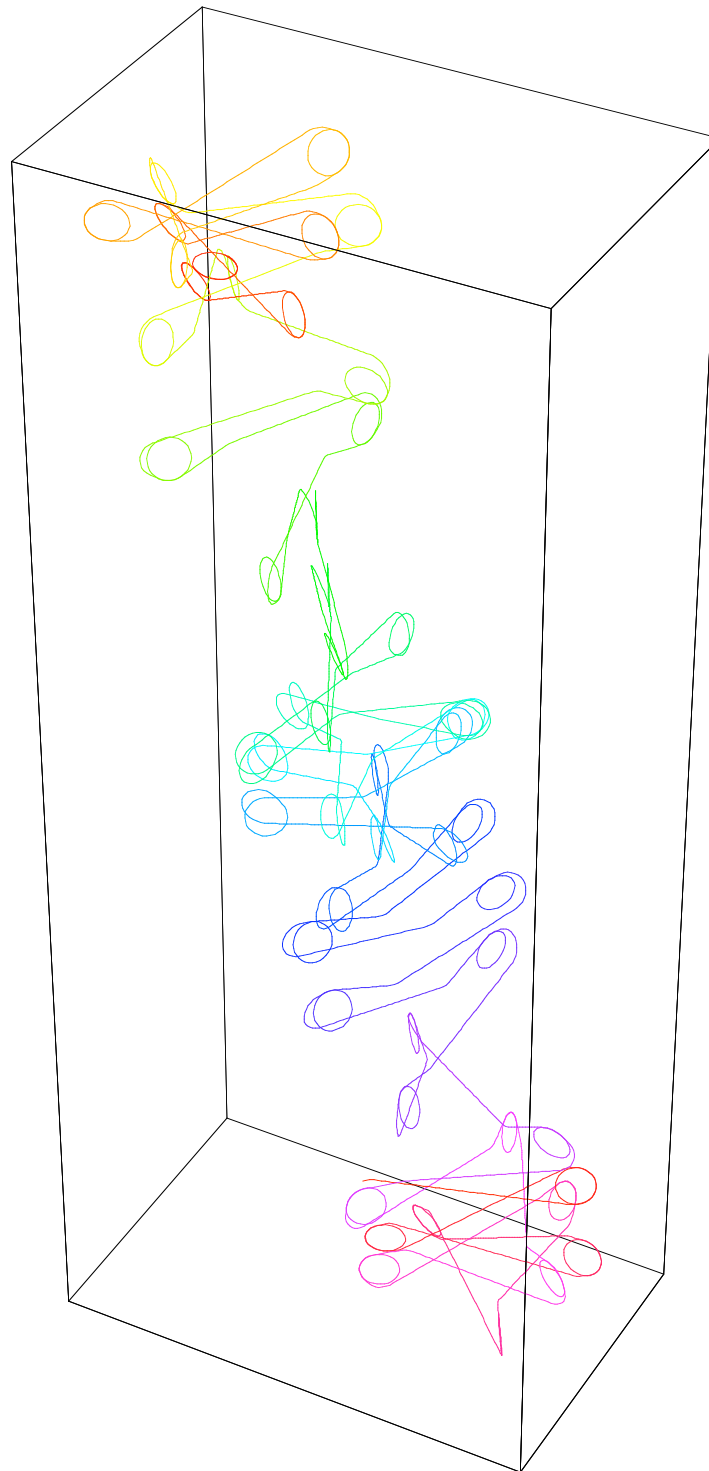




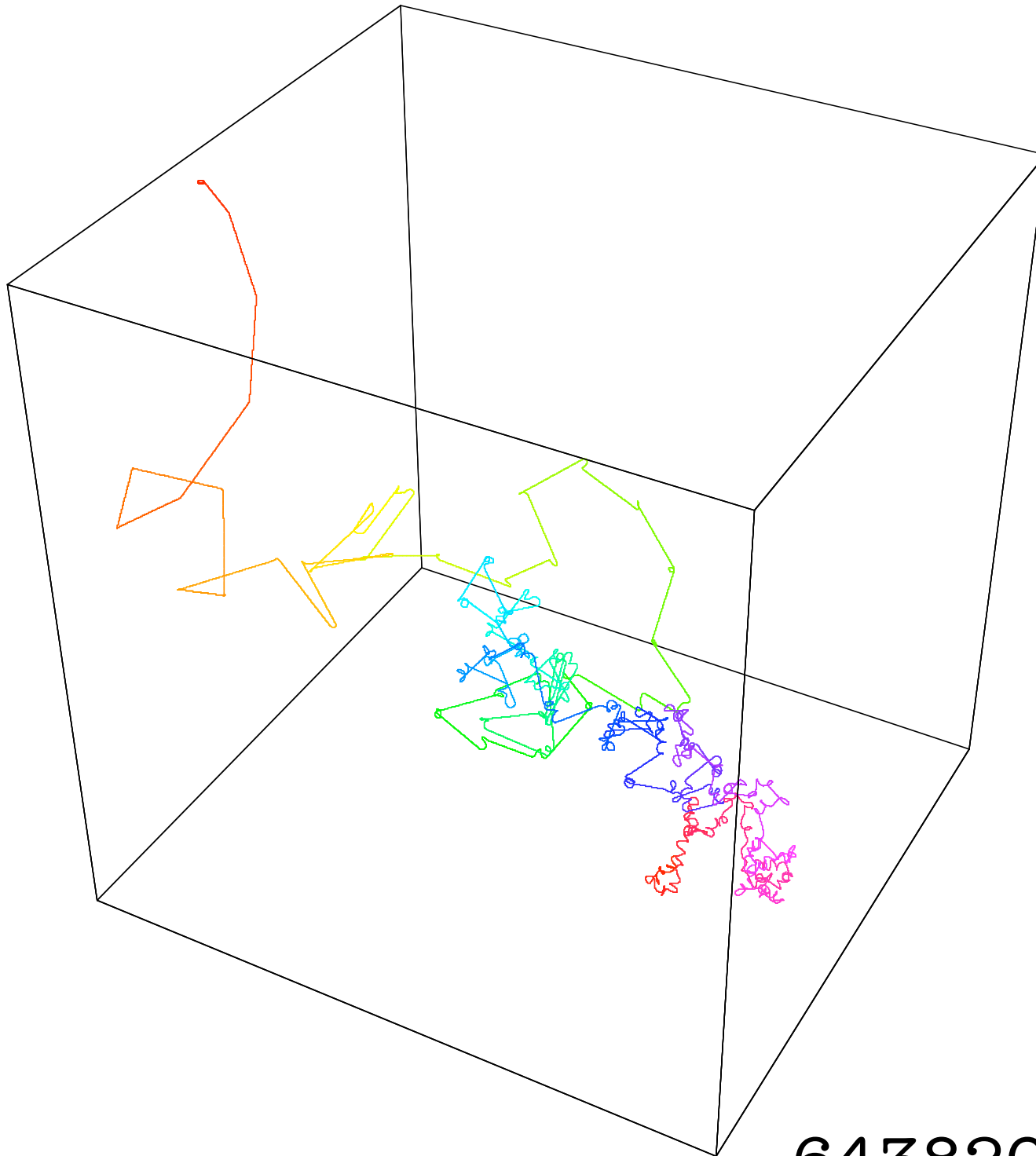
# simple 3d lines

3-color CA's,  $11^\circ$ ,  $0 \rightarrow \text{RF}$ ,  $1 \rightarrow \text{LF}$   
100 steps

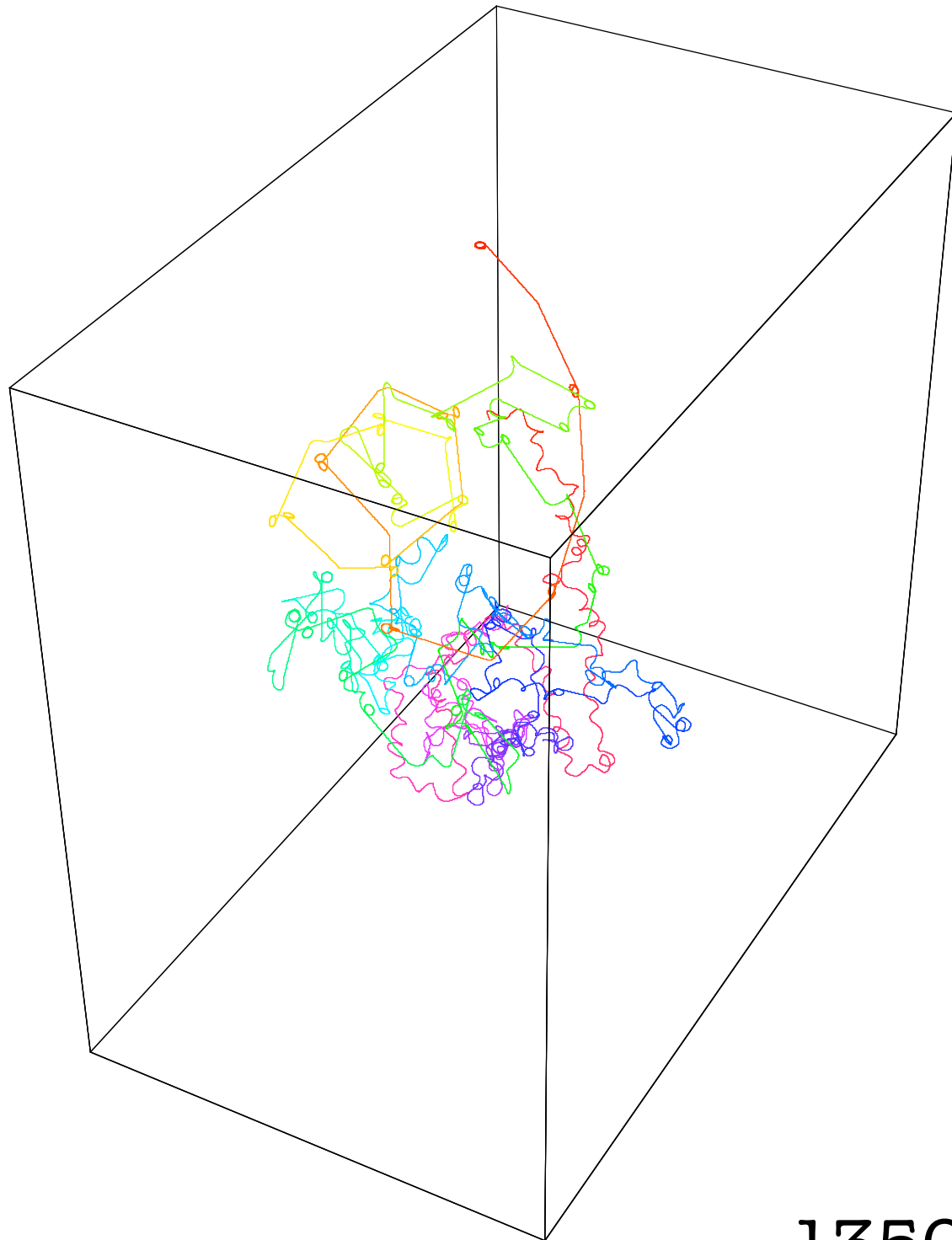




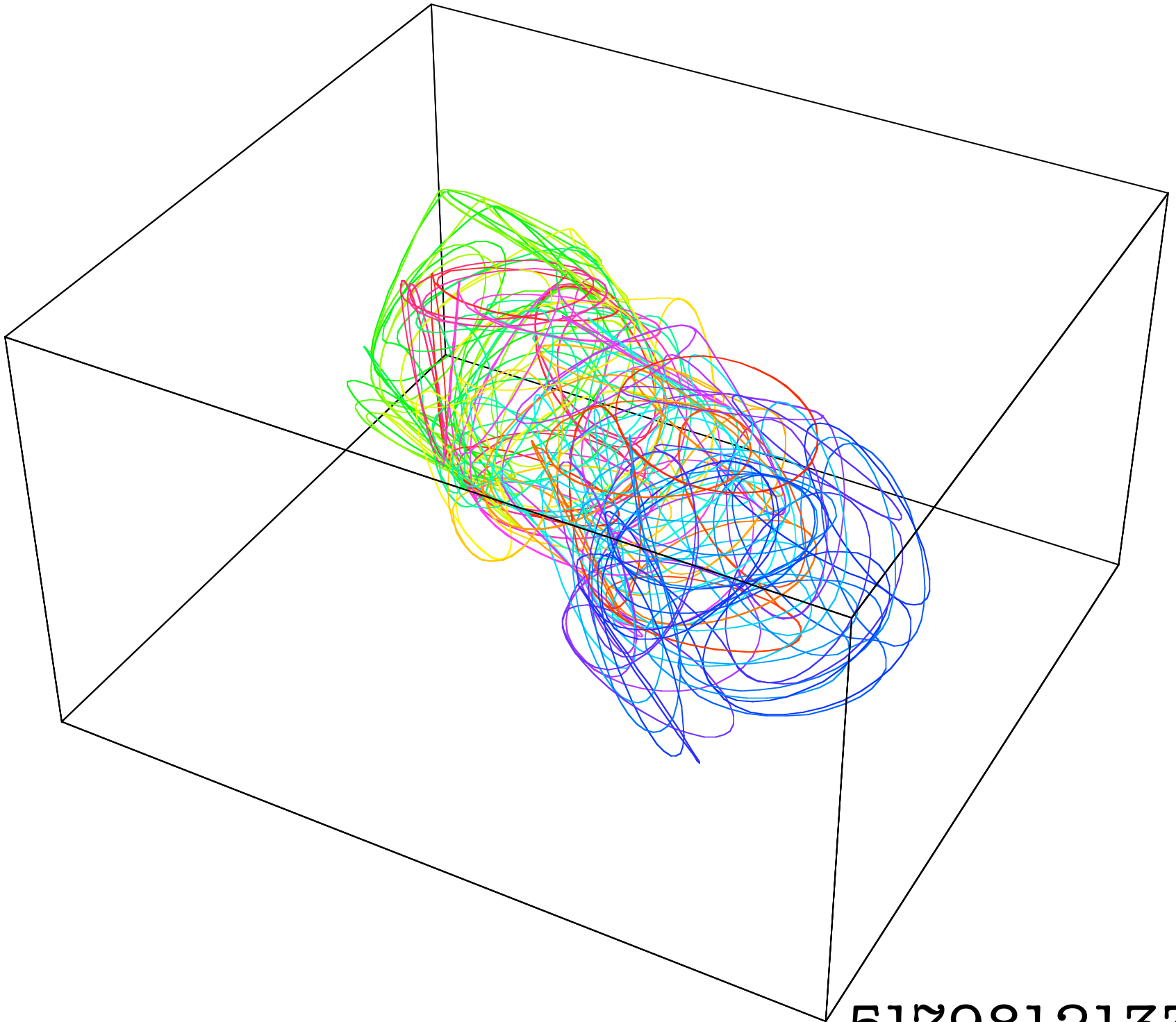
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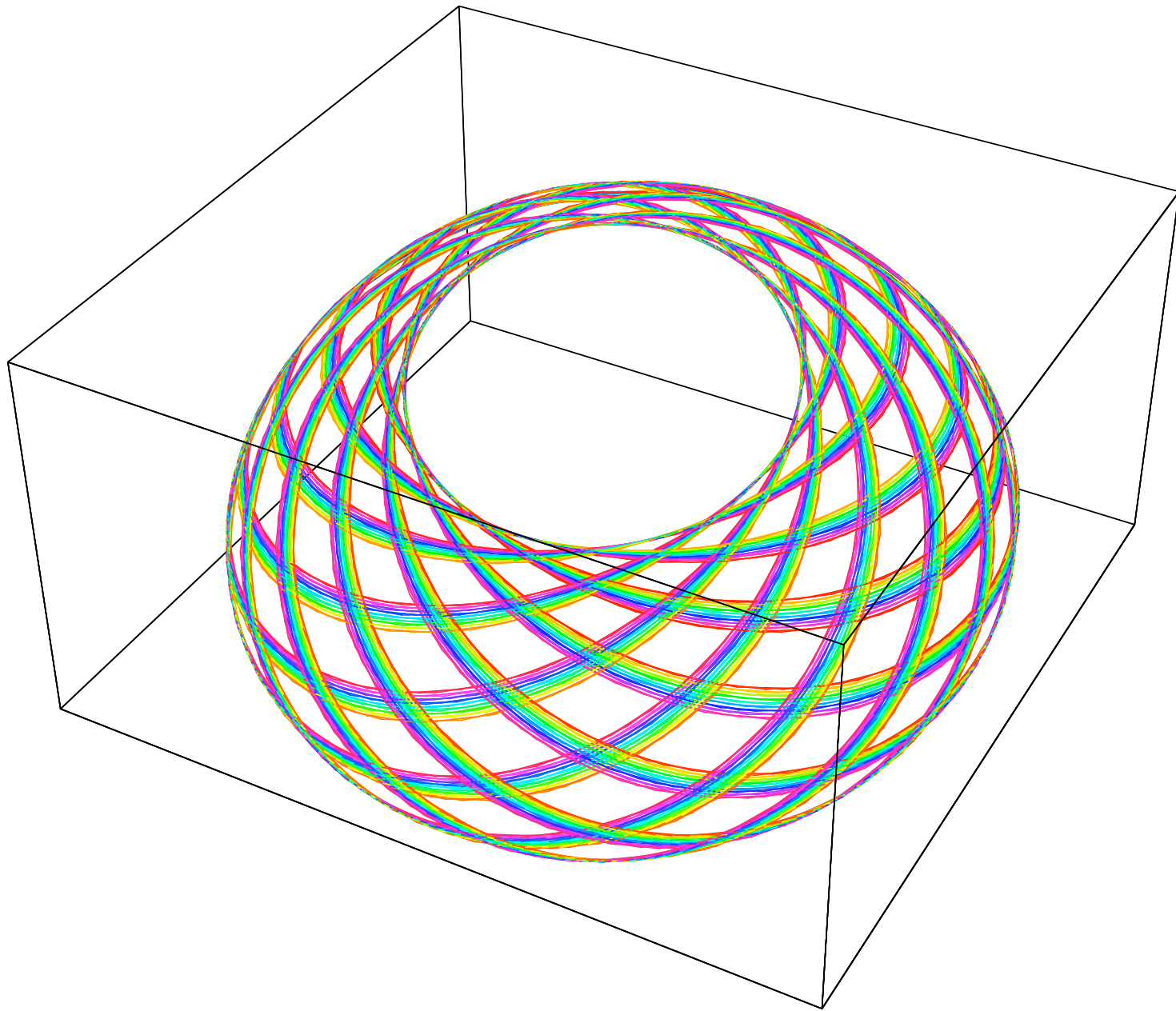
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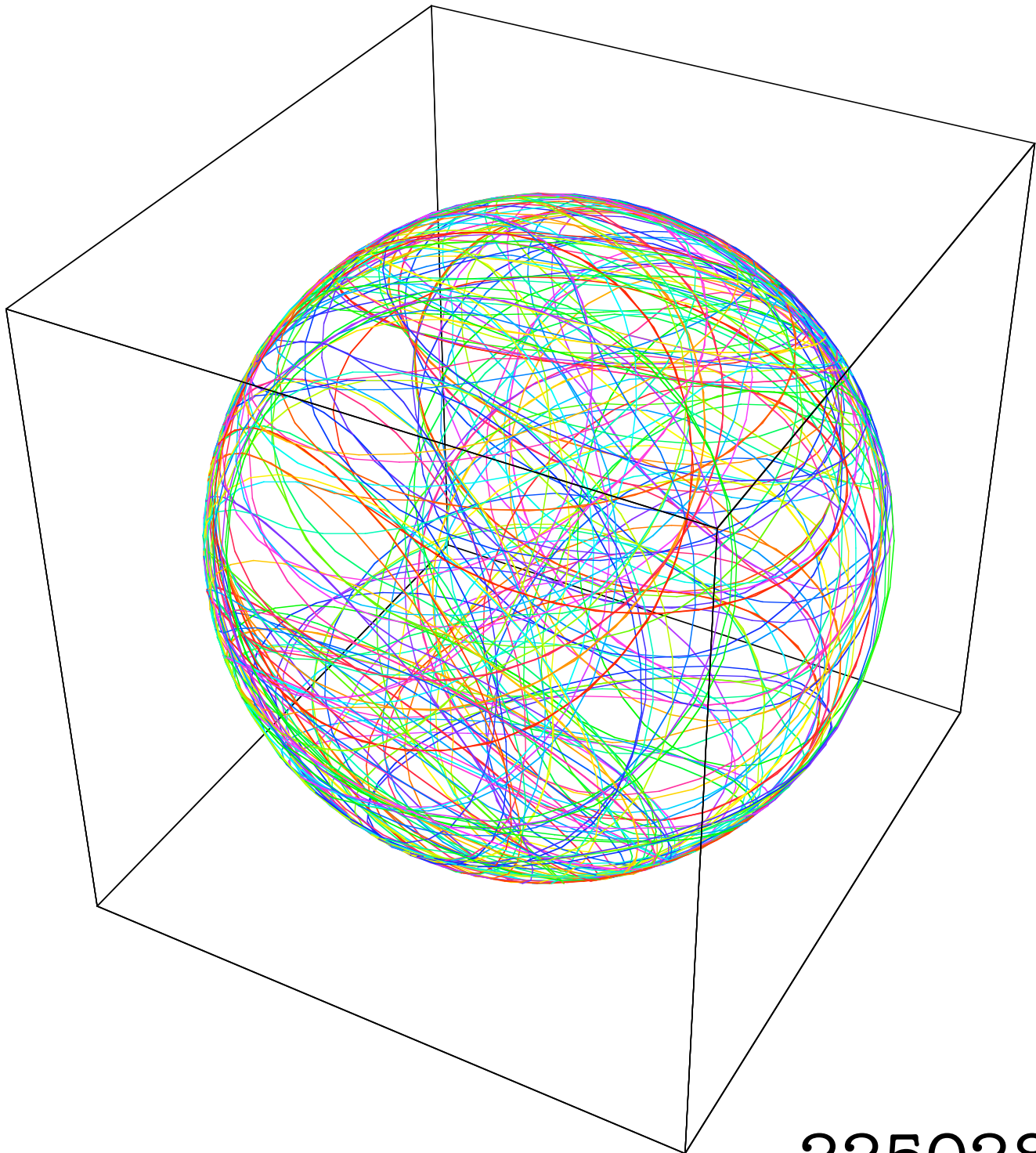
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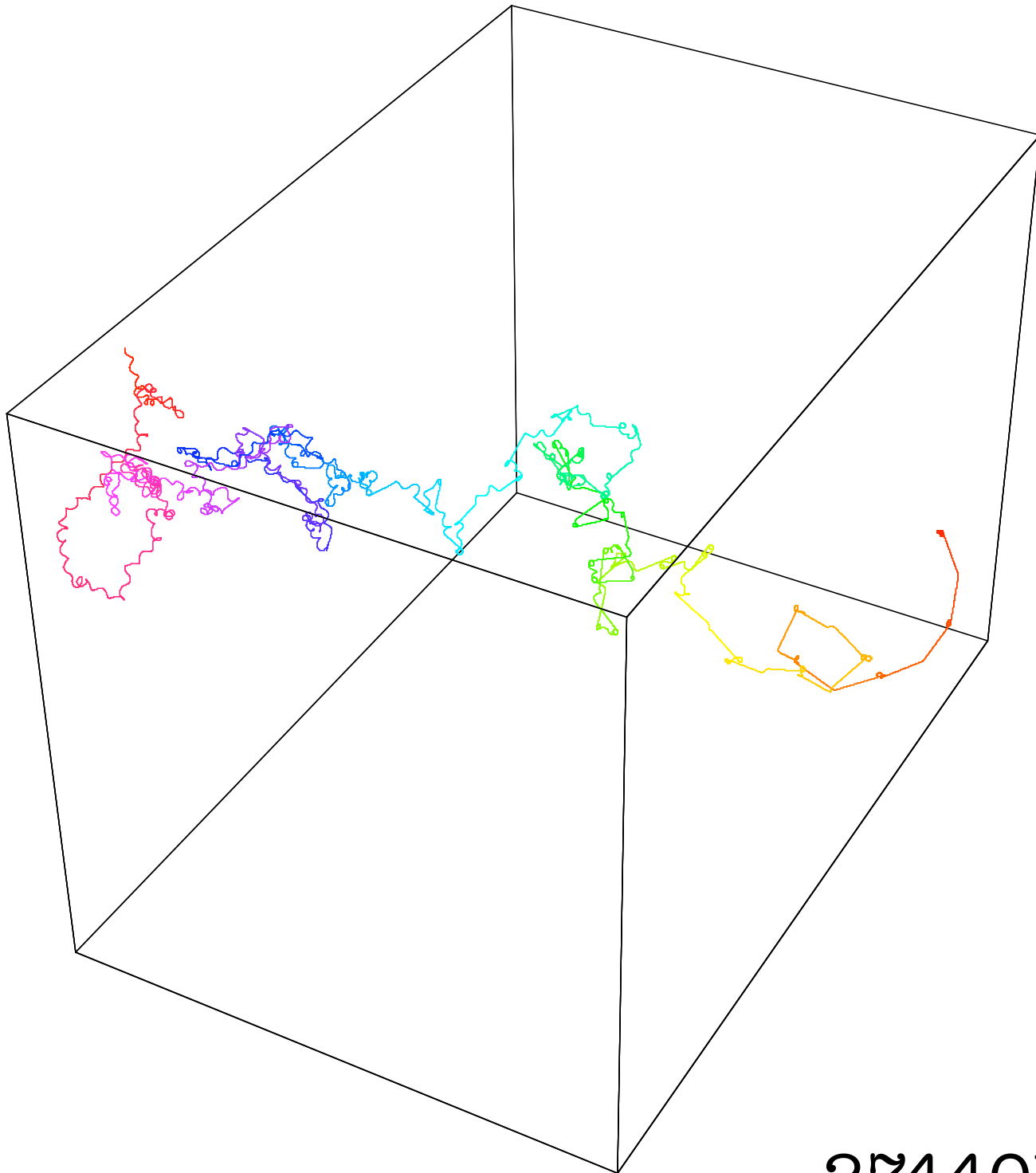
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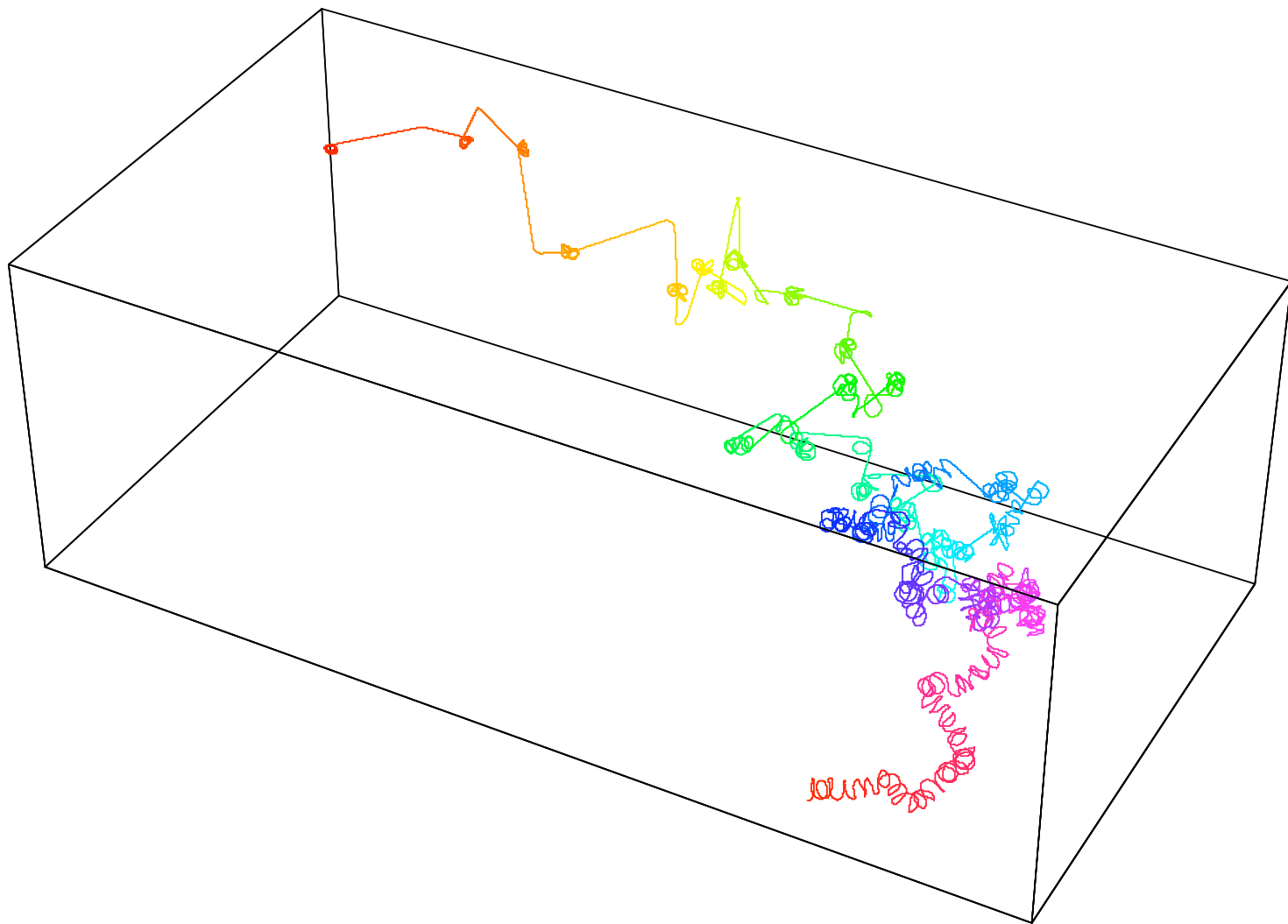
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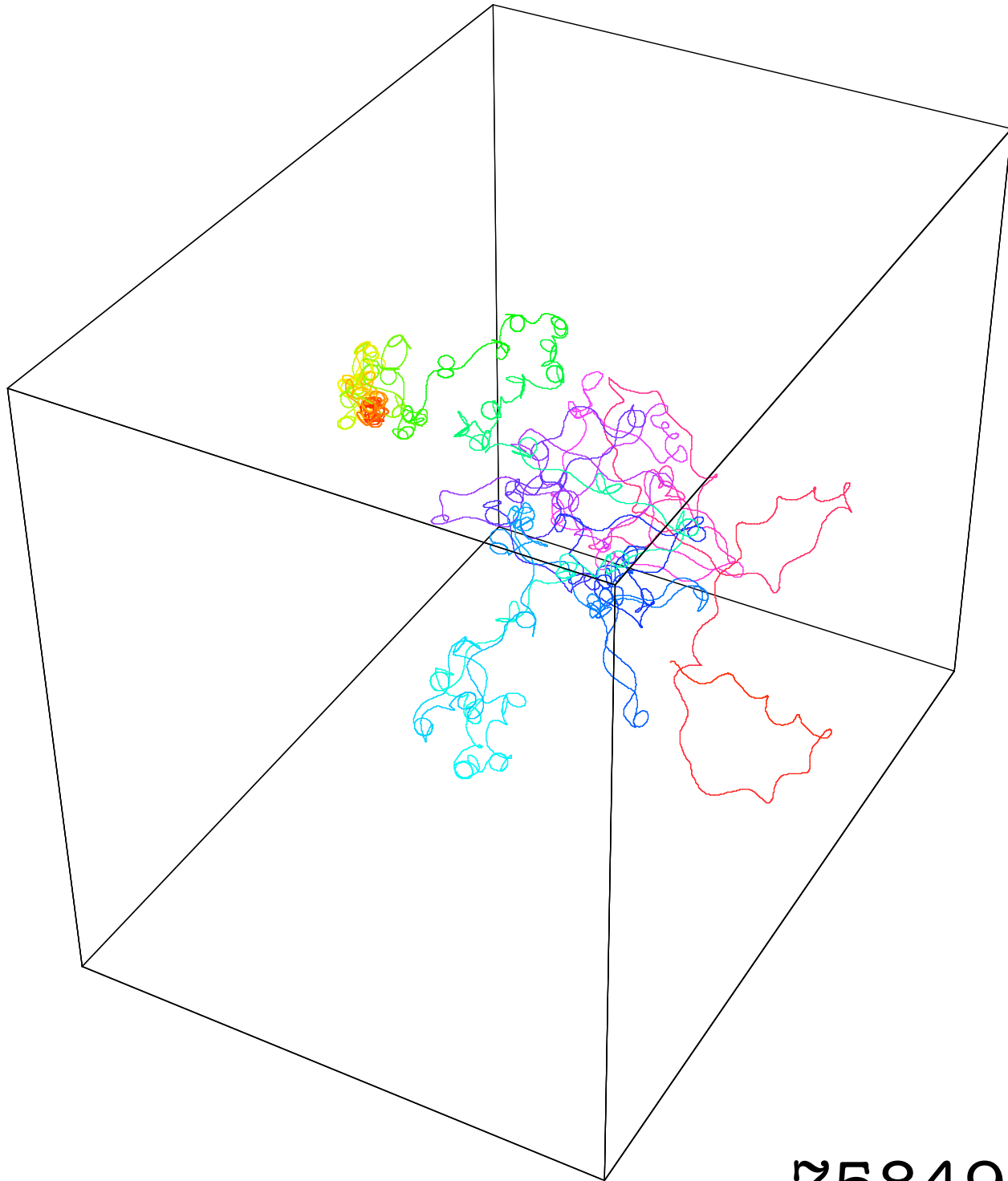


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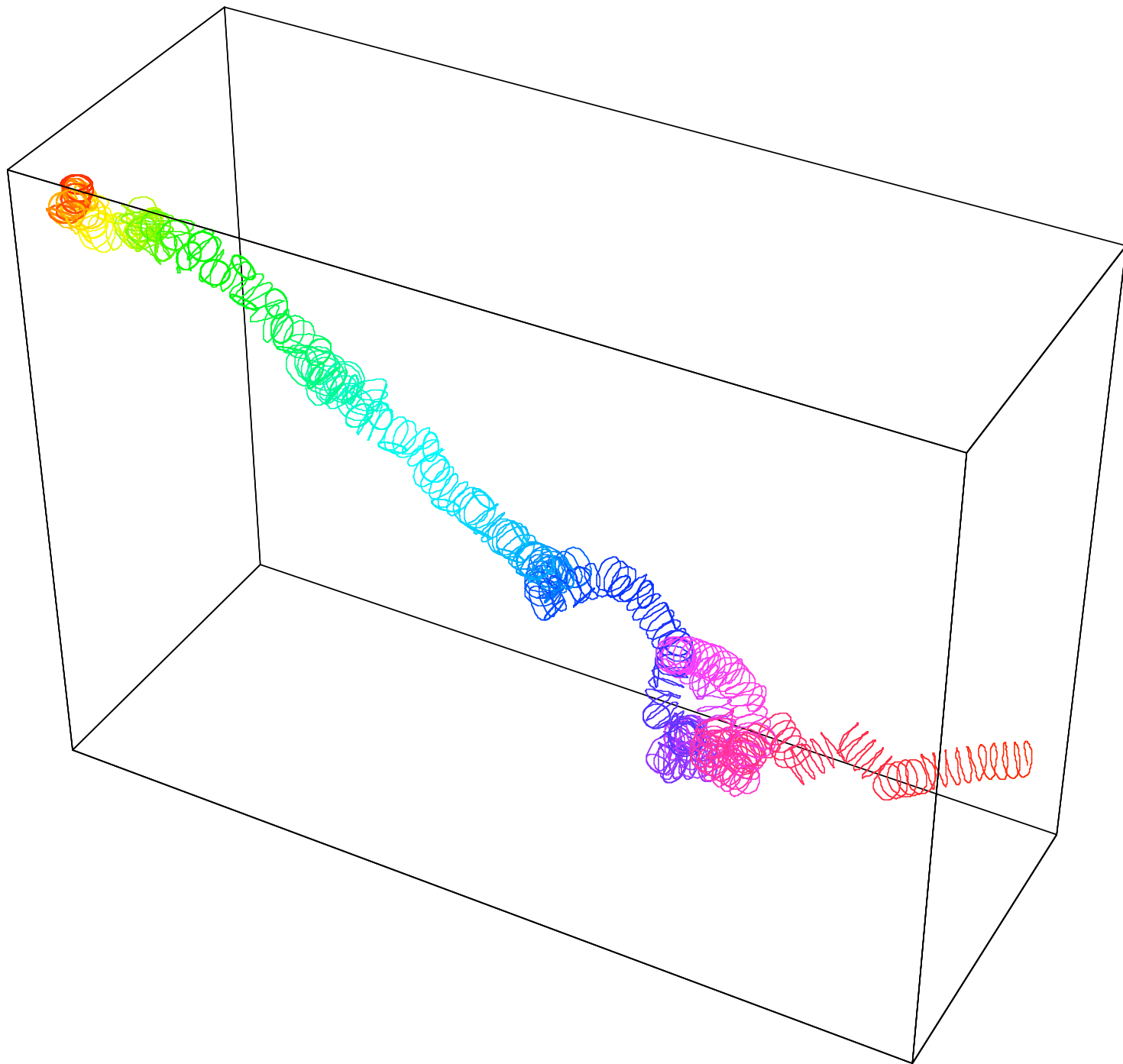


1459440091417





7584942592810



5025167292255

# approaching architecture

some sketches



from yesterday's live experiment

$11^\circ, 0 \rightarrow \text{RF}, 1 \rightarrow \text{LF}$

