

!

!

Session 1.

2.

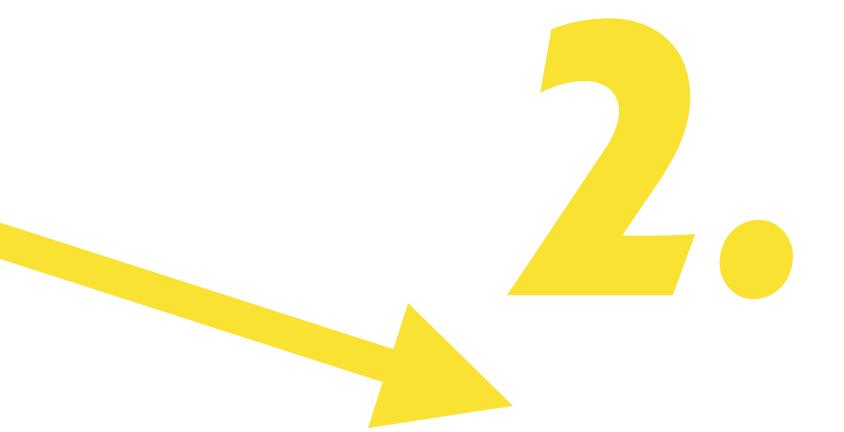
3.

4.

5.

Session 1.

**Clocks
ahead!**



2.

3.

4.

5.

!

!

!

!

!

&



Python



Drawbot

The screenshot shows a web browser window for the URL www.drawbot.com/content/download.html. The main title is "DrawBot". Below it is a navigation bar with links: "DrawBot 3.126", "Forum", "Download", and "Index". A search bar with a "search" button is also present. On the left, there's a sidebar with links: Shapes, Colors, Canvas, Text, Images, Variables, Quick Reference, DrawBot App, Download (which is highlighted with a red oval), DrawBot Icon, Courseware, History, Credits, Previous (with a link to "DrawBot Package"), and Next (with a link to "DrawBot Icon"). The right side has links: Table of Contents, Download, Older Downloads, and License. The central content area has sections for "Older Downloads" (with "Version History" and "Very Old Version History" links) and "License" (with "The BSD License" and copyright information). A red oval highlights the "Download DrawBot" link.

www.drawbot.com/content/download.html

DrawBot

DrawBot 3.126 Forum Download Index

search

Shapes
Colors
Canvas
Text
Images
Variables
Quick Reference
DrawBot App
Download
DrawBot Icon
Courseware
History
Credits

Older Downloads

Version History
Very Old Version History

License

The BSD License

Copyright (c) 2003-2019 Just van Rossum, Erik van Blokland, Frederik Berlaen

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

The image shows a Mac OS X application window titled "drawboticon.py". The window is split into two main sections: a preview area on the left and a code editor/terminal area on the right.

Preview Area: On the left, there is a colorful icon featuring a stylized "code" logo. The logo is formed by several overlapping circles of different sizes and colors (white, orange, pink). The background of the icon has concentric circular patterns in shades of orange and pink.

Code Editor Area: On the right, the code for generating the icon is displayed in a text editor. The file is named "drawboticon.py". The code uses the DrawBot library to draw a series of overlapping circles. It includes comments explaining the color factor calculation and the drawing process.

```
# Clip
clipPath(iconPath)
# Move to the center of the canvas
translate(256, 256)
circleCount = 30
for i in range(circleCount):
    f = i/circleCount
    angle = (f * 360) + (360 * timeFactor)
    x = 120 * sin(radians(angle+90))
    y = 120 * cos(radians(angle+90))
    colorFactor = * f * f + 0.1 # An exponential curve for the color factor
    stroke(None)
    fill(*interpolateColor(colorFactor))
    #shadow((0, 0), 50, interpolateColor(colorFactor)) # Extra smoothness?
    oval(x-150, y-150, 300, 300)
    restore()
```

Console Area: Below the code editor, there is a green "Console" window showing a stack trace:

```
Traceback (most recent call last):
File "simplePrj1.py", line 1, in <module>
NameError: name 'chars' is not defined
```

Large Text Overlay: Overlaid across the bottom right of the image is the word "console" in a large, white, sans-serif font.

DrawBot is a powerful,
free application for
MacOS that invites you
to write simple Python
scripts to generate two-
dimensional graphics.

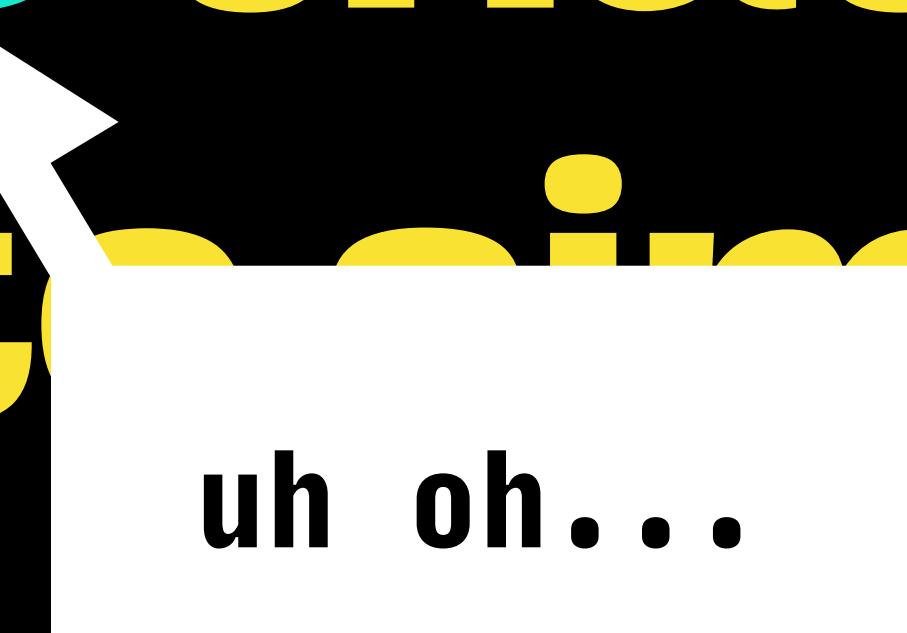
**DrawBot is a powerful,
free application for
MacOS that invites you
to write simple Python
scripts to generate two-
dimensional graphics.**



**DrawBot is a powerful,
free application for
MacOS that invites you
to write simple Python
scripts to generate two-
dimensional graphics.**

IDE FTW

**DrawBot is a powerful,
free application for
MacOS that invites you
to write simple Python
scripts to generate two-
dimensional graphics.**



uh oh...

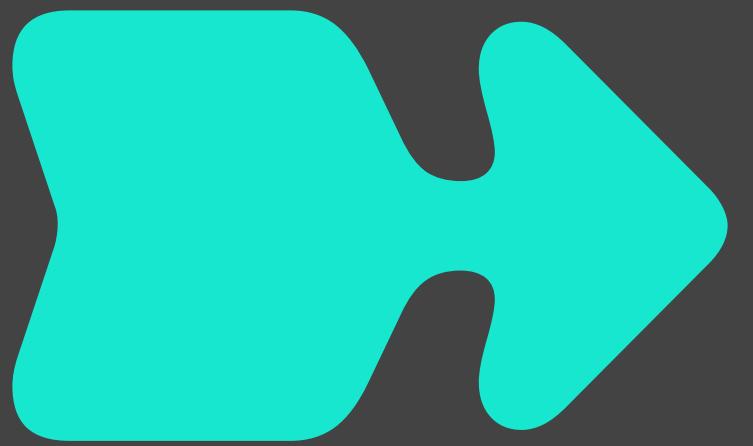
**DrawBot is a powerful,
free application for
MacOS that**  **you
to write simple Python
scripts to generate two-
dimensional graphics.**

**DrawBot is a powerful,
free application for
MacOS that invites you
to write simple Python
shape, text, image
statements to generate two-
dimensional graphics.**



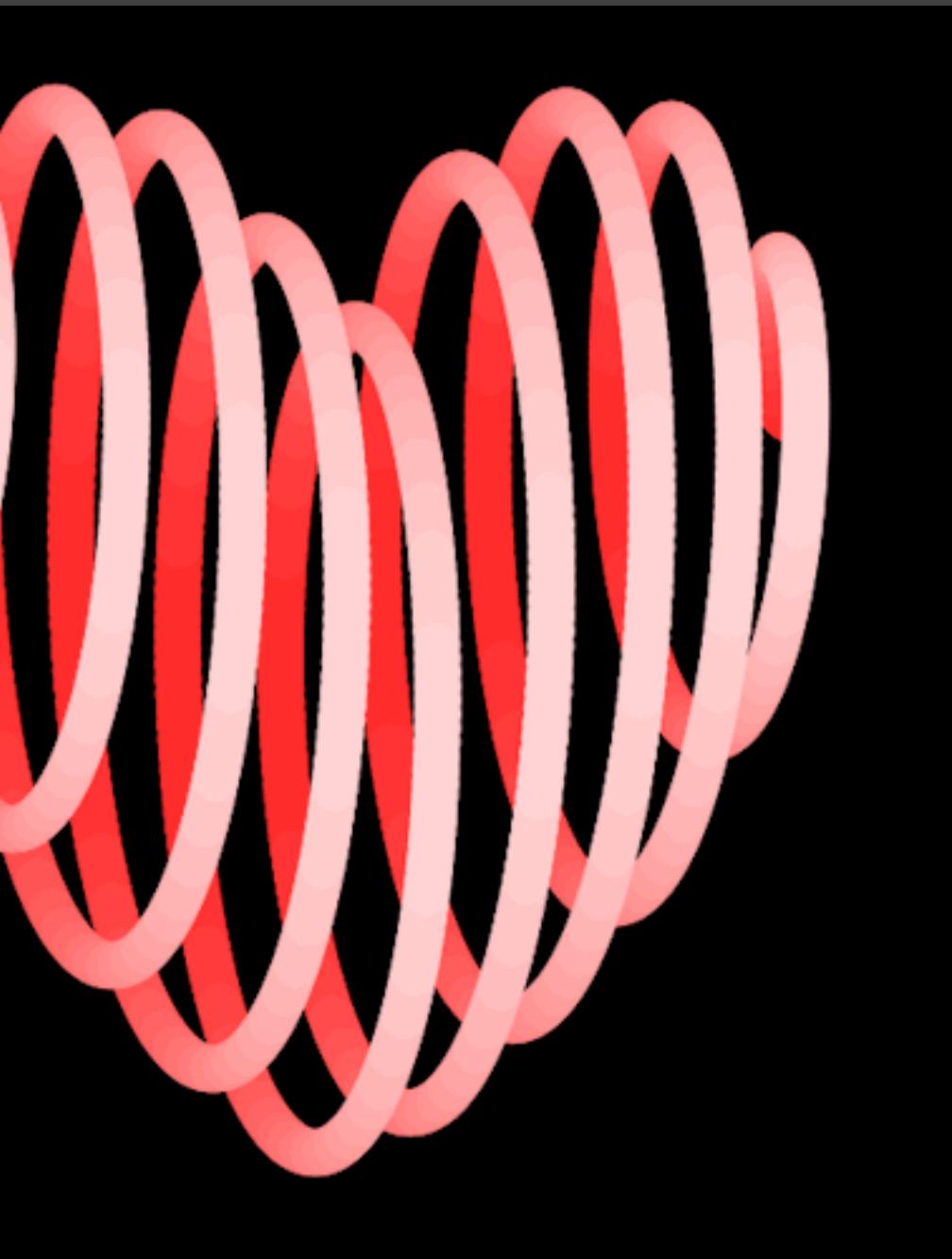
Just van Rossum

Frederik Berlaen



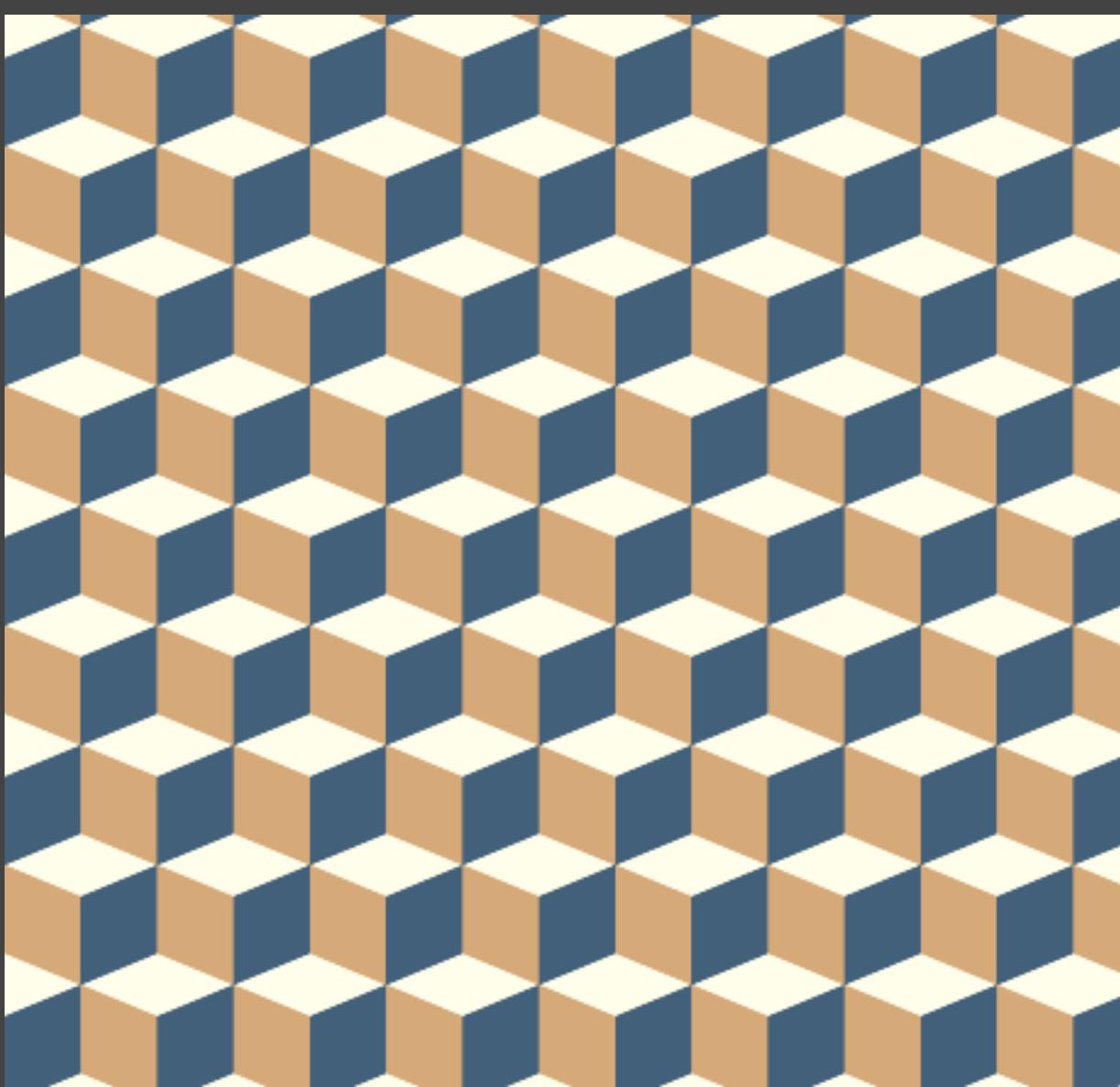
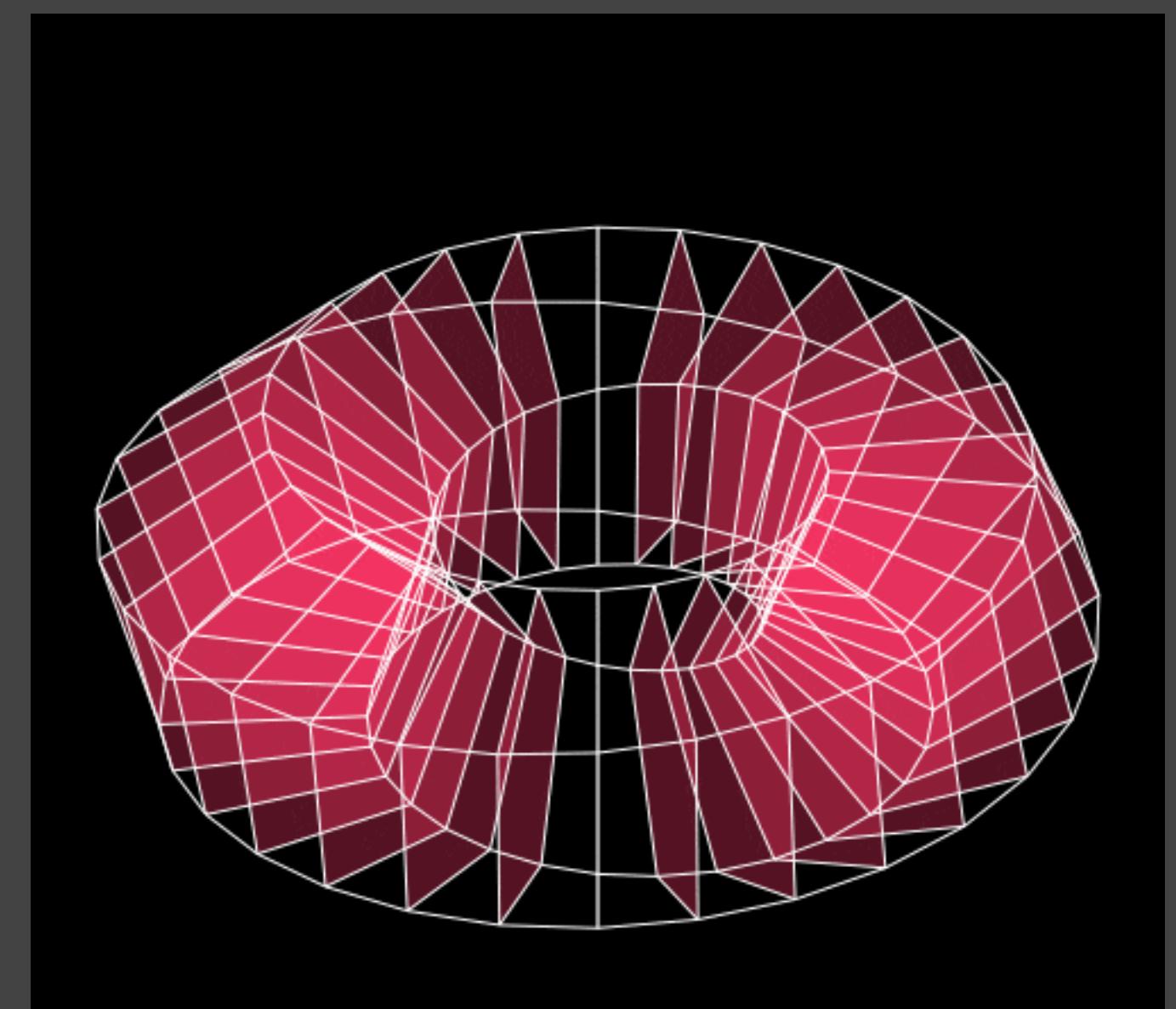
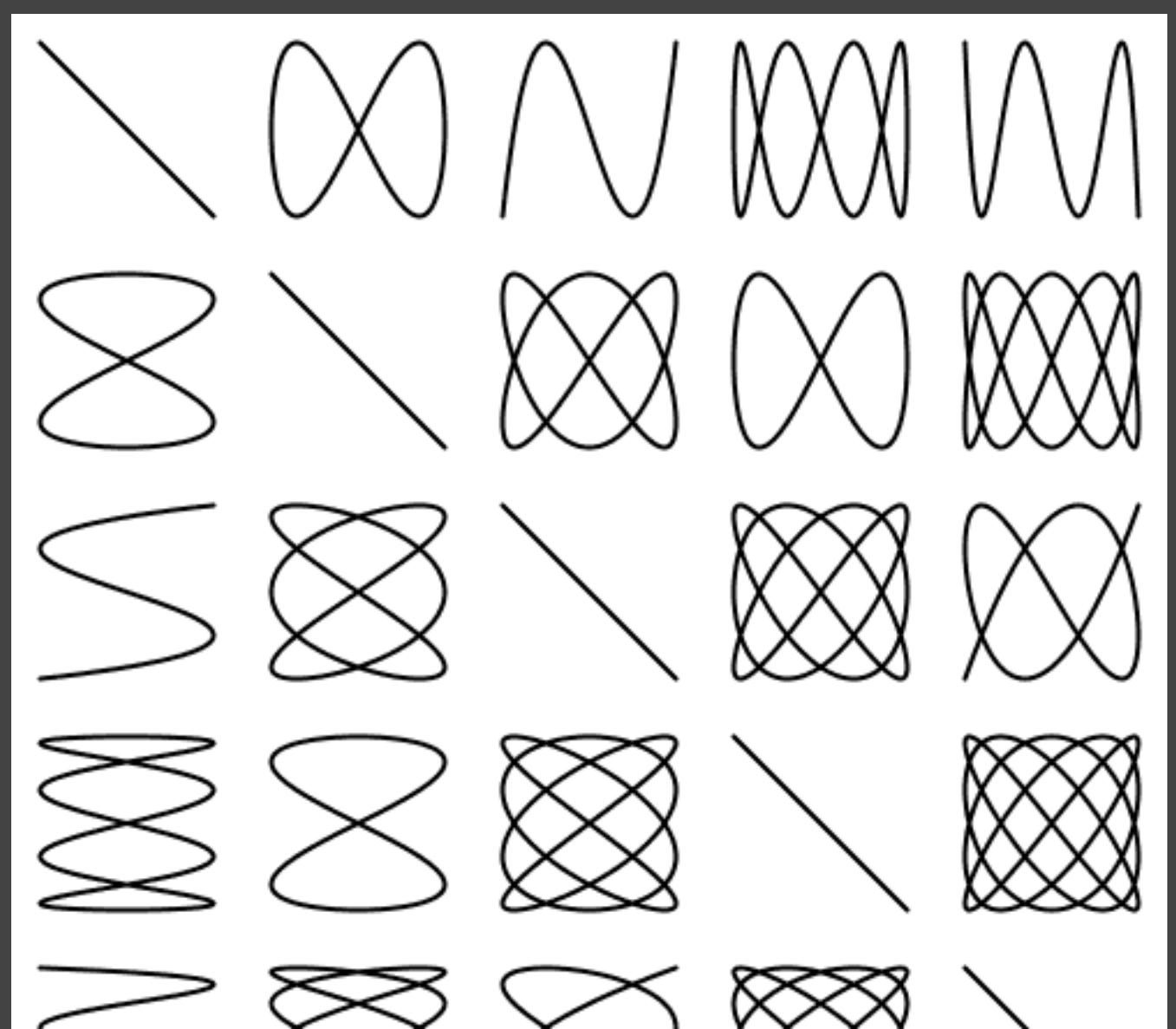
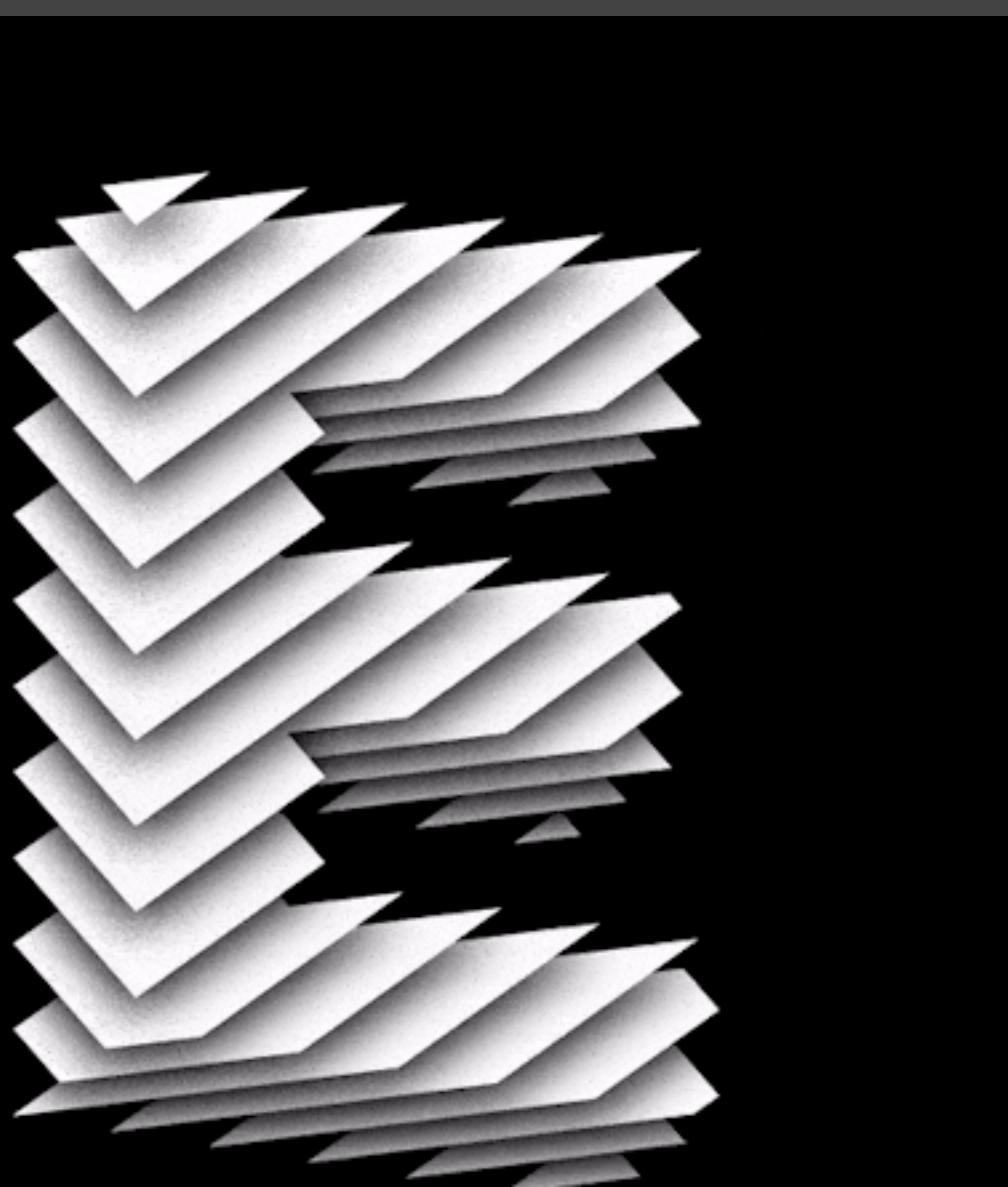
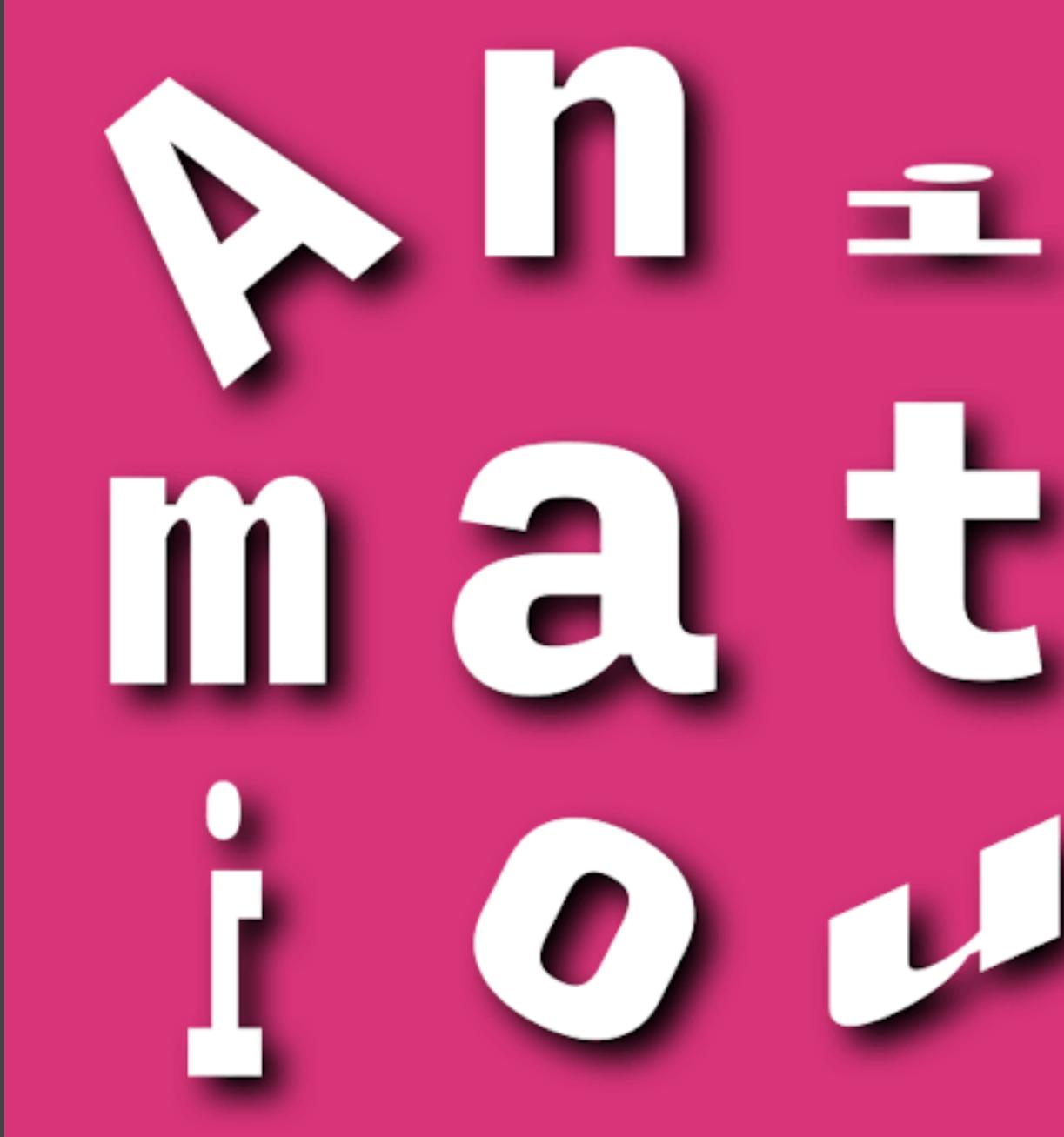
tools

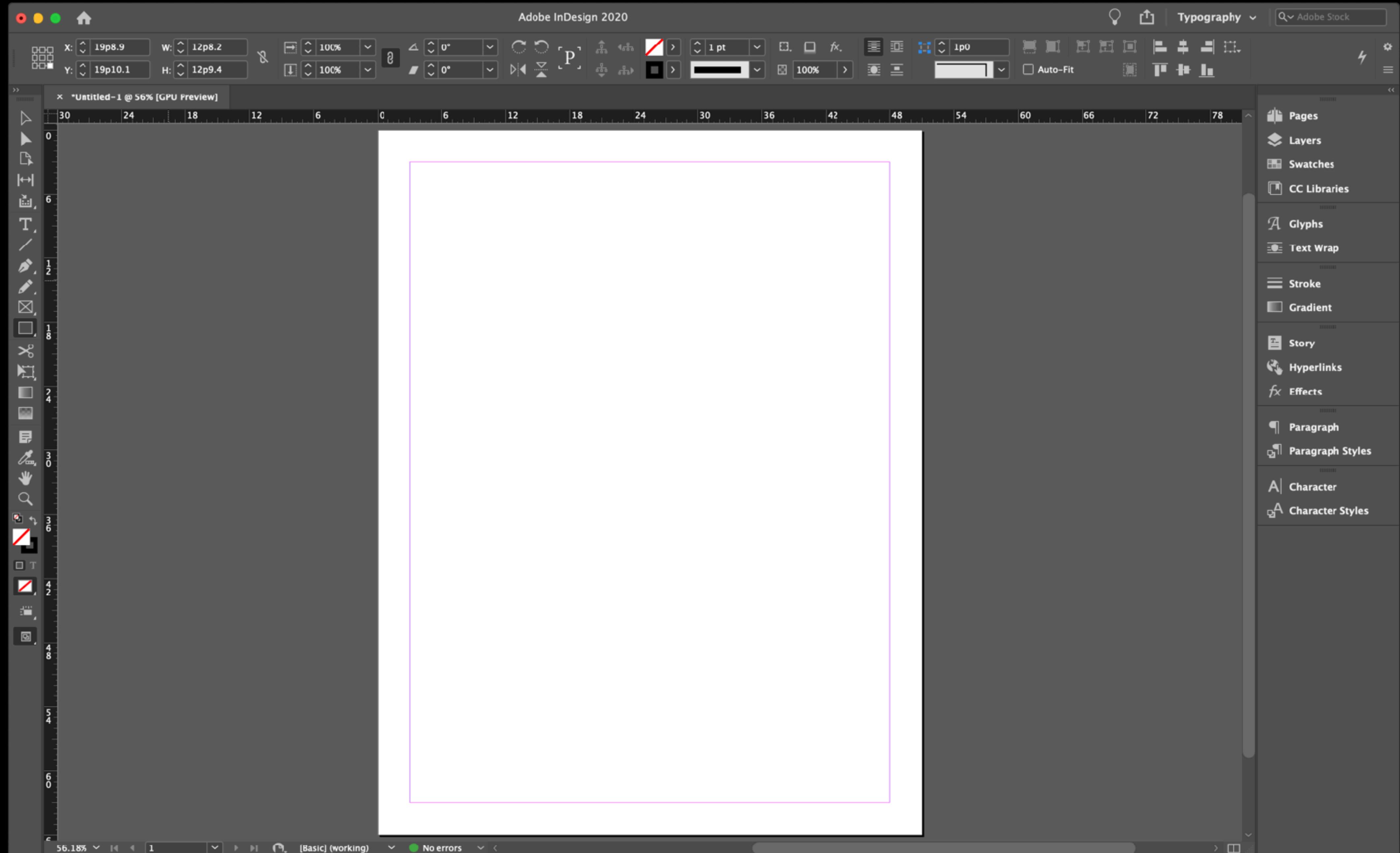
Daily Drawbot



dailydrawbot.tumblr.com

Just van Rossum





Processing / p5.js

The screenshot shows the Processing 3.4 IDE interface. The title bar reads "sketch_181215a | Processing 3.4". The menu bar includes File, Edit, Sketch, Debug, Tools, and Help. The top toolbar features a play button, a stop button, a frame rate counter (88), and a "Java" dropdown. The main workspace is titled "sketch_181215a" and contains a vertical list of numbers from 1 to 19, likely representing code line numbers. The bottom navigation bar includes "Console" and "Errors" tabs.

```
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
```



Processing/p5.js



DrawBot



- Cross-platform
- MacOS

P Processing/p5.js

D DrawBot

- Cross-platform
- 2D+3D (WebGL)
- MacOS
- 2D

P Processing/p5.js

D DrawBot

- Cross-platform
- 2D+3D (WebGL)
- Interactive
- MacOS
- 2D
- Hardly interactive

P Processing/p5.js

D DrawBot

- Cross-platform
- 2D+3D (WebGL)
- Interactive
- Big community
- MacOS
- 2D
- Hardly interactive
- Small community

P Processing/p5.js



- Cross-platform
- 2D+3D (WebGL)
- Interactive
- Big community
- Web integration

D DrawBot

- MacOS
- 2D
- Hardly interactive
- Small community
- Print-ready output

P Processing/p5.js

- Cross-platform
- 2D+3D (WebGL)
- Interactive
- Big community
- Web integration
- Pixel-based

D DrawBot

- MacOS
- 2D
- Hardly interactive
- Small community
- Print-ready output
- Vector-based

P Processing/p5.js

- Cross-platform
- 2D+3D (WebGL)
- Interactive
- Big community
- Web integration
- Pixel-based
- Basic typography

D DrawBot

- MacOS
- 2D
- Hardly interactive
- Small community
- Print-ready output
- Vector-based
- Advanced typography

Adobe InDesign CC 2020

Adobe InDesign 2020

*miramonte-djr-indd.indd @ 54% [GPU Preview]

72 0 72 144 216 288 360 432 504 576 648 720 792 864 936 1008 1080 1152 1224 1296

POMFRET Specimens djr.com | 2

BARRANCA STOPBACK PAPERLIKE SUFFICING MOONTIDE BILSKIRNIR

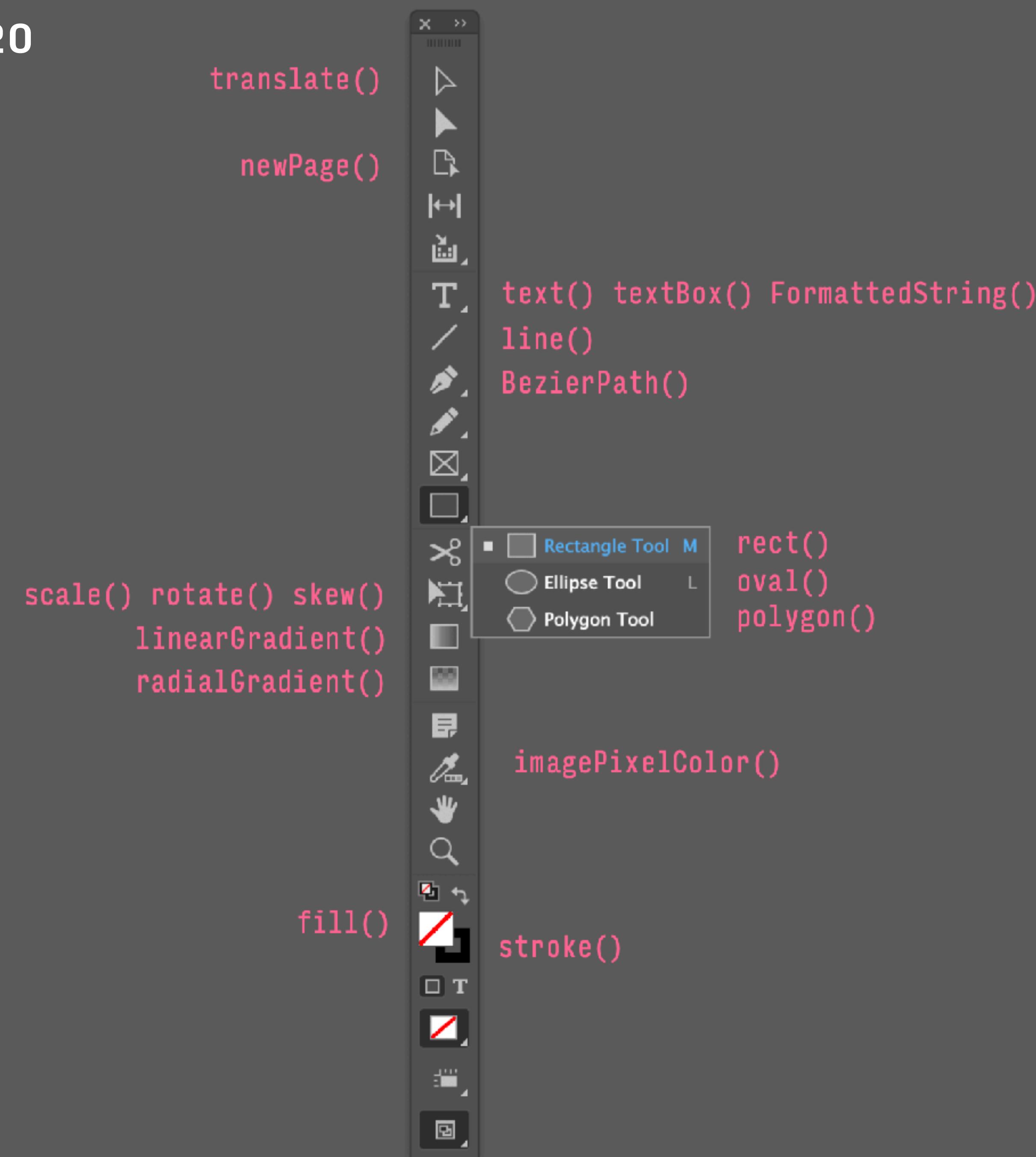
POMFRET Specimens djr.com | 3

Pomfret

Pomfret is a set of titling capitals with Arts & Crafts flair started in 2018 and released in 2020. After years of encouragement from Roger Black, I began the design as an homage to the work of Bertram Goodhue, famous as the architect of the Nebraska State Capitol as well as the typeface Cheltenham. The skeletons of the letters were initially inspired by the tightly-spaced capitals (especially the restrained R and K) found on his cover for The Knight Errant. Pomfret moves beyond its source material, adopting a more contemporary finish with discretionary ligatures, razor-thin hairlines, and restrained, bracketed serifs.

Pages Layers Swatches CC Libraries Glyphs Text Wrap Stroke Gradient Story Hyperlinks Effects Paragraph Paragraph Styles Character Styles

Adobe InDesign CC 2020



automation

Lowlands Festival 2018

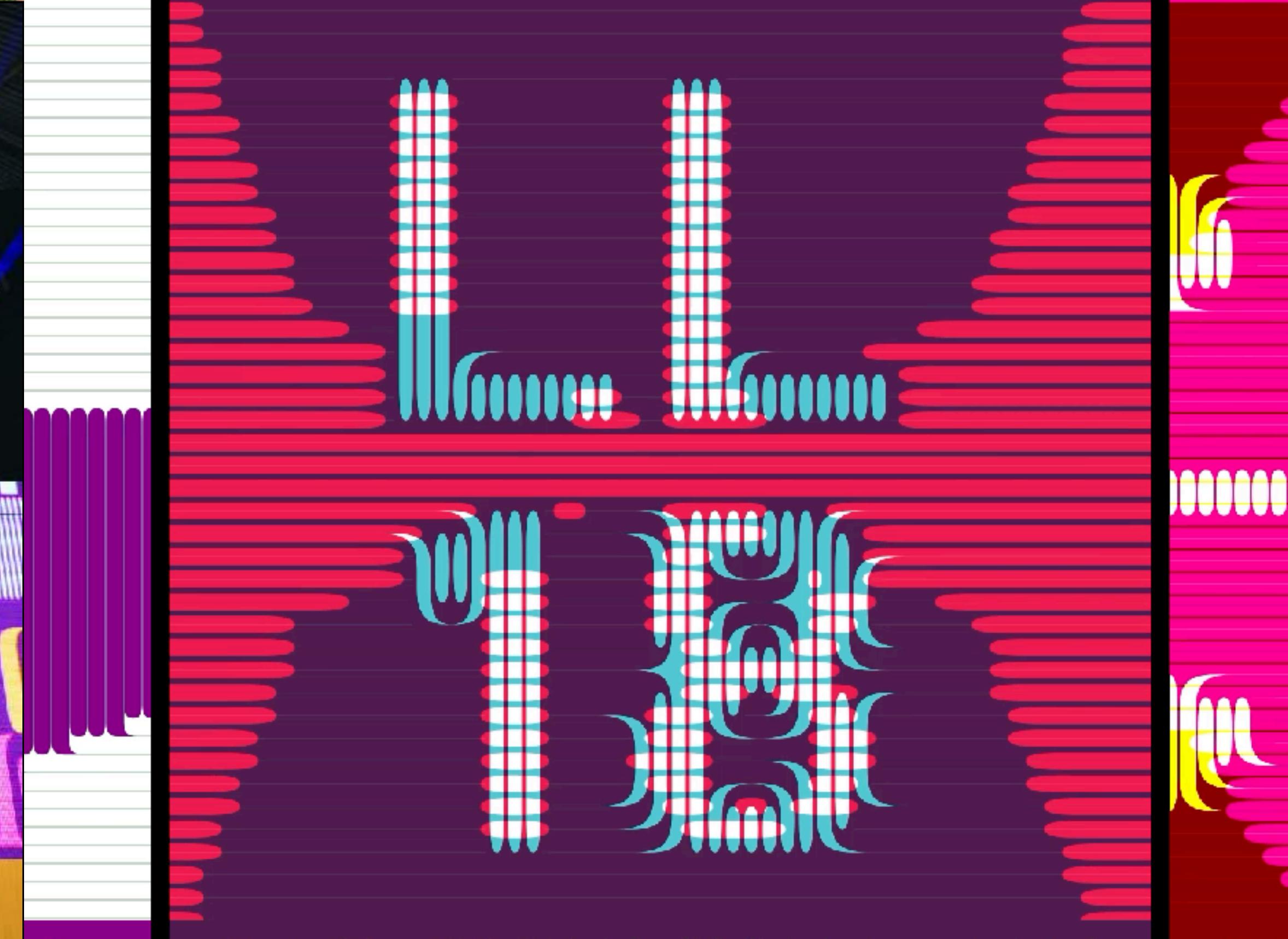
Hansje van Halem, Just van Rossum



Lowlands Festival 2018

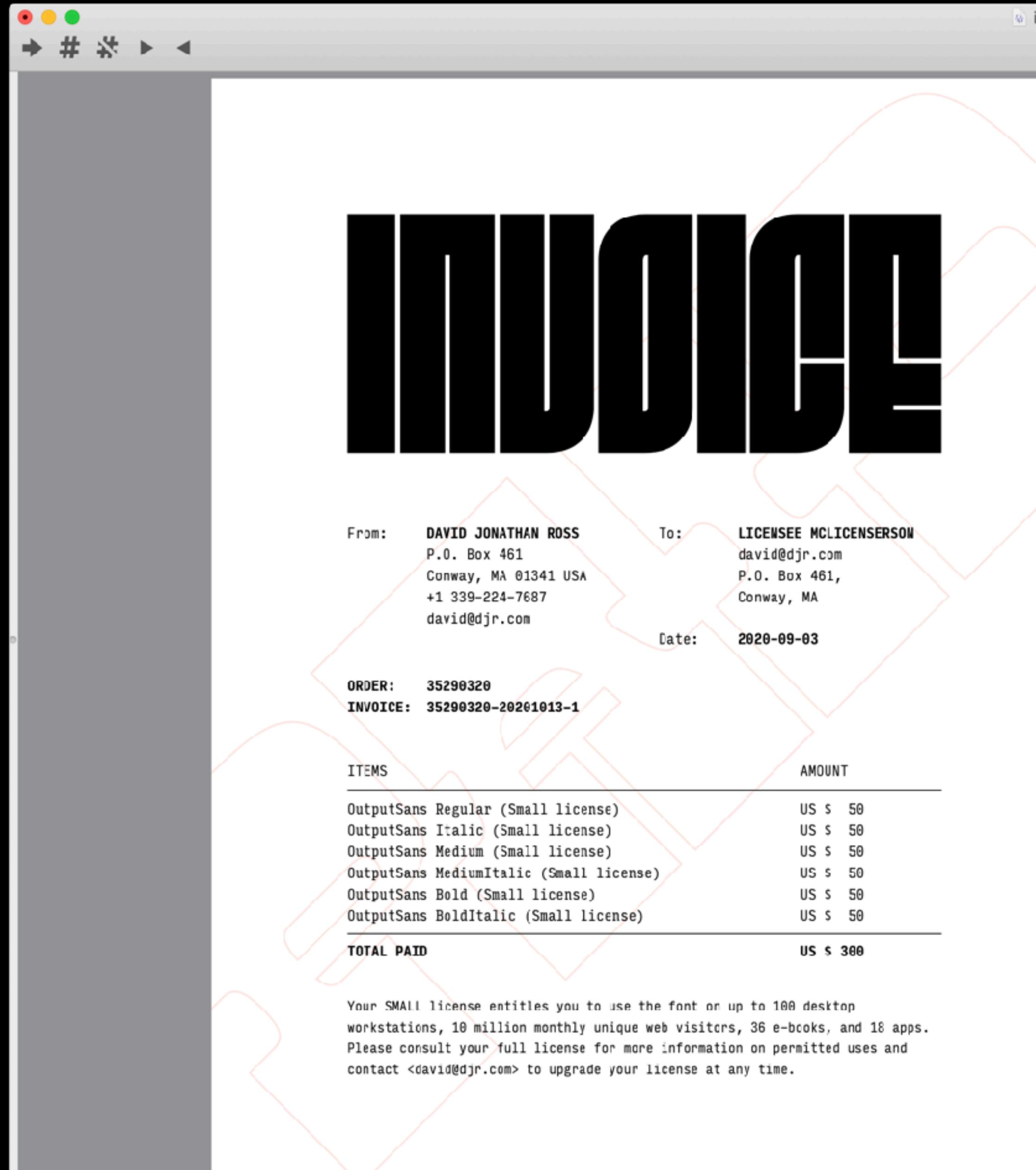
Hansje van
Halem, Just
van Rossum

hansje.net



Invoices

Yours Truly



```
invoice.py
```

```
Q~ discount
```

```
    *digitDiff + price

    if price == 'None':
        productLine = ''
    productLine += '\r'
    productInfo.append(productLine,
font=textFont)

if data.get('discount'):
    productInfo.append('Discount: %s\tUS $ - %s\r' %(str(data['discount']['name']),
str(data['discount']['amount-saved'])),
font=inputFont, lineHeight=textLineHeight*2)

if paid:
    OutputSans-Regular
    OutputSans-Italic
    OutputSans-Medium
    OutputSans-MediumItalic
    OutputSans-Bold
    OutputSans-BoldItalic
```

Typographics 2015





Typographics 2016

2016.typographics.com

HANS
JOSEPH
VAN HALM

KARRA
HAUPT

Typographics 2018





Adidas N3XT L3V3L

Grand Army

Andy Clymer



Gradient Typesetter

Gradient Typesetter 1.1

Left Side Right Side

Weight: 225 Weight: 1,000
Width: 20 Width: 600

Skew Size: 100 Leading: 80

Weight/Width Curve

?

Save Image

grandarmy.com/projects/n3xt-l3v3l

International Center of Photography, Philadelphia

Pentagram

Andy Clymer, Yours Truly

ICP Logo Generator v 1.1

1 2

Width Height

Inches Units

Measure the full height
 Interior height only

Measure the full height of the logo, or only measure from the baseline to the x-height

1 Pixels/Points

Counter size Units

Automatic counter size

14 inch viewing distance —

Include buffer around logo

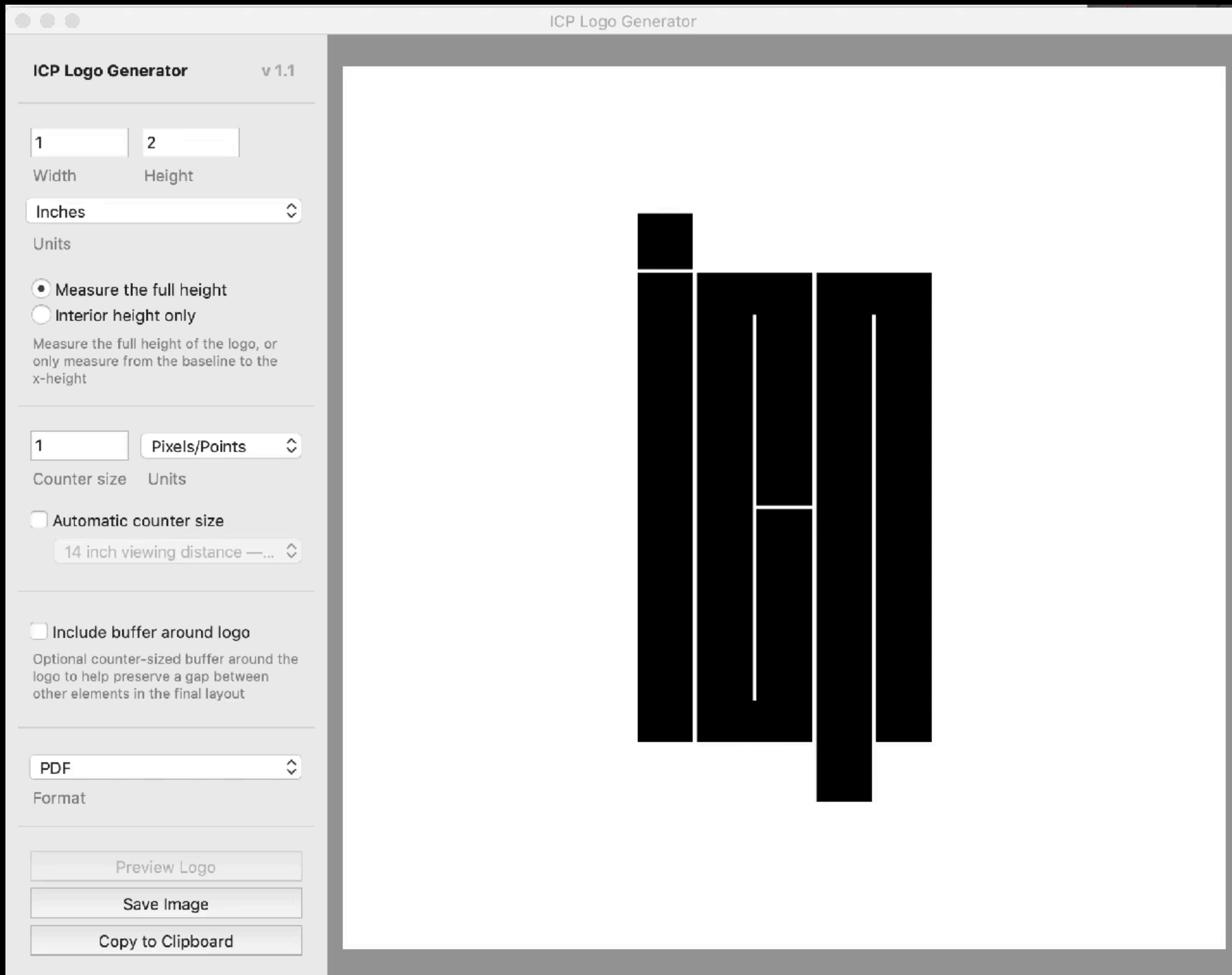
Optional counter-sized buffer around the logo to help preserve a gap between other elements in the final layout

PDF Format

Preview Logo

Save Image

Copy to Clipboard



Hobeaux Rococeaux Borders

ohnotype.co/fonts/hobeaux-rococeaux

James Edmondson



The image shows a Mac OS X desktop with a terminal window open. The terminal window has a title bar "Hobeaux-Rococeaux-Borders.py" and a status bar "dictElements". The main pane of the terminal contains a Python script demonstrating how to use the font. The script includes comments explaining the steps: 1. Including the font with the download, 2. Typing something, 3. Choosing a style (a number between 1 and 25), and 4. Setting padding. It also includes a tip about selecting numbers and dragging them to see live results. The script itself includes code to print "Ohno" and "Type Co." in the chosen style, with "style = 8" currently selected.

```
# Included with the download.
# STEP 2 - TYPE SOMETHING
# Include any desired line breaks.
txt = """Ohno
Type Co."""

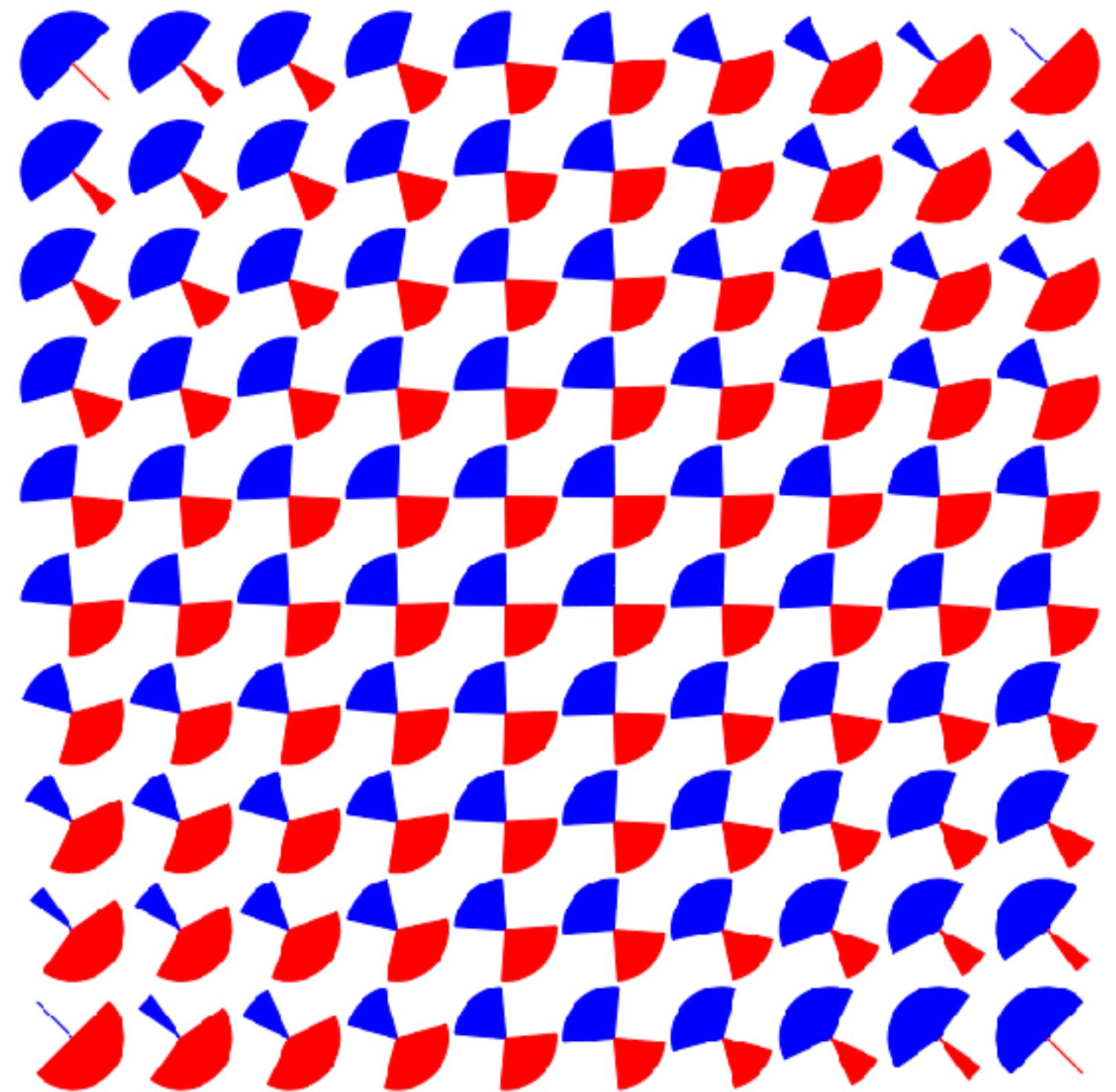
# STEP 3 - CHOOSE A STYLE
# This number can be between 1 and 25. The
# lower, the less exciting.
style = 8

# STEP 4 - SET YOUR PADDING
# Adjust these numbers to get the right fit
# Tip: Select both numbers, hold command, and
# click and drag the numbers to see live
```

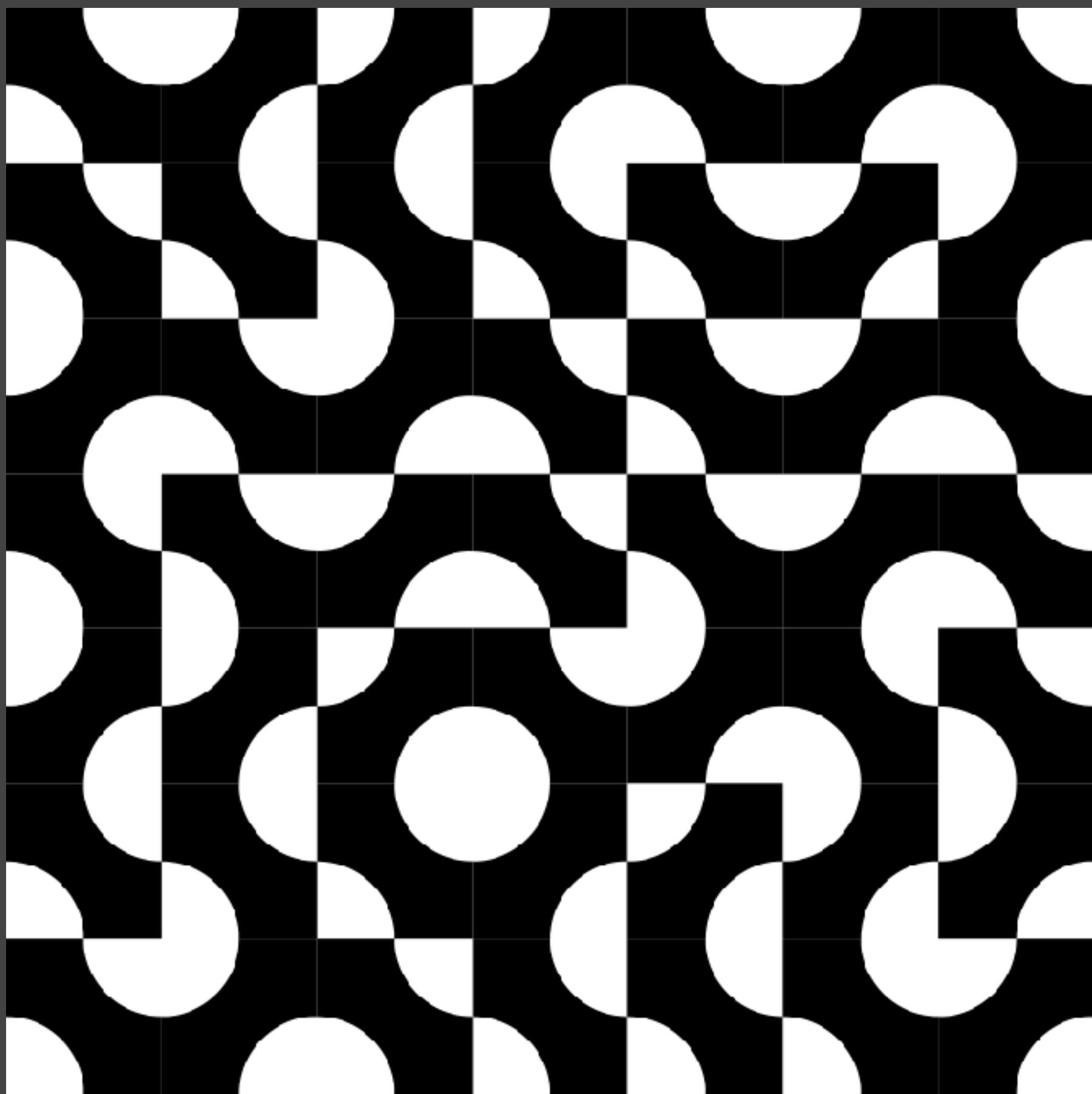
Drawbot Animations

Maurice Meilleur

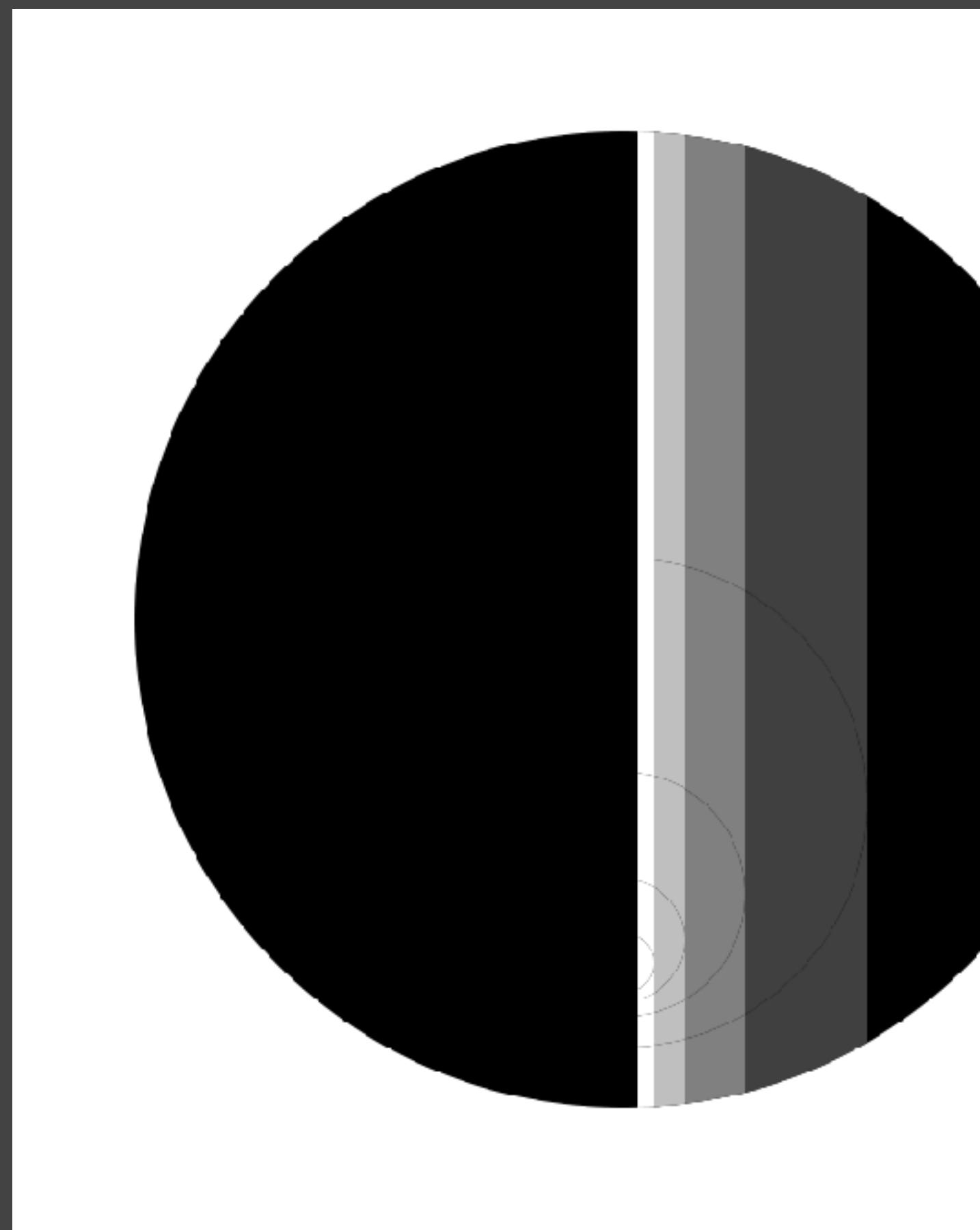
Le Parc transformations



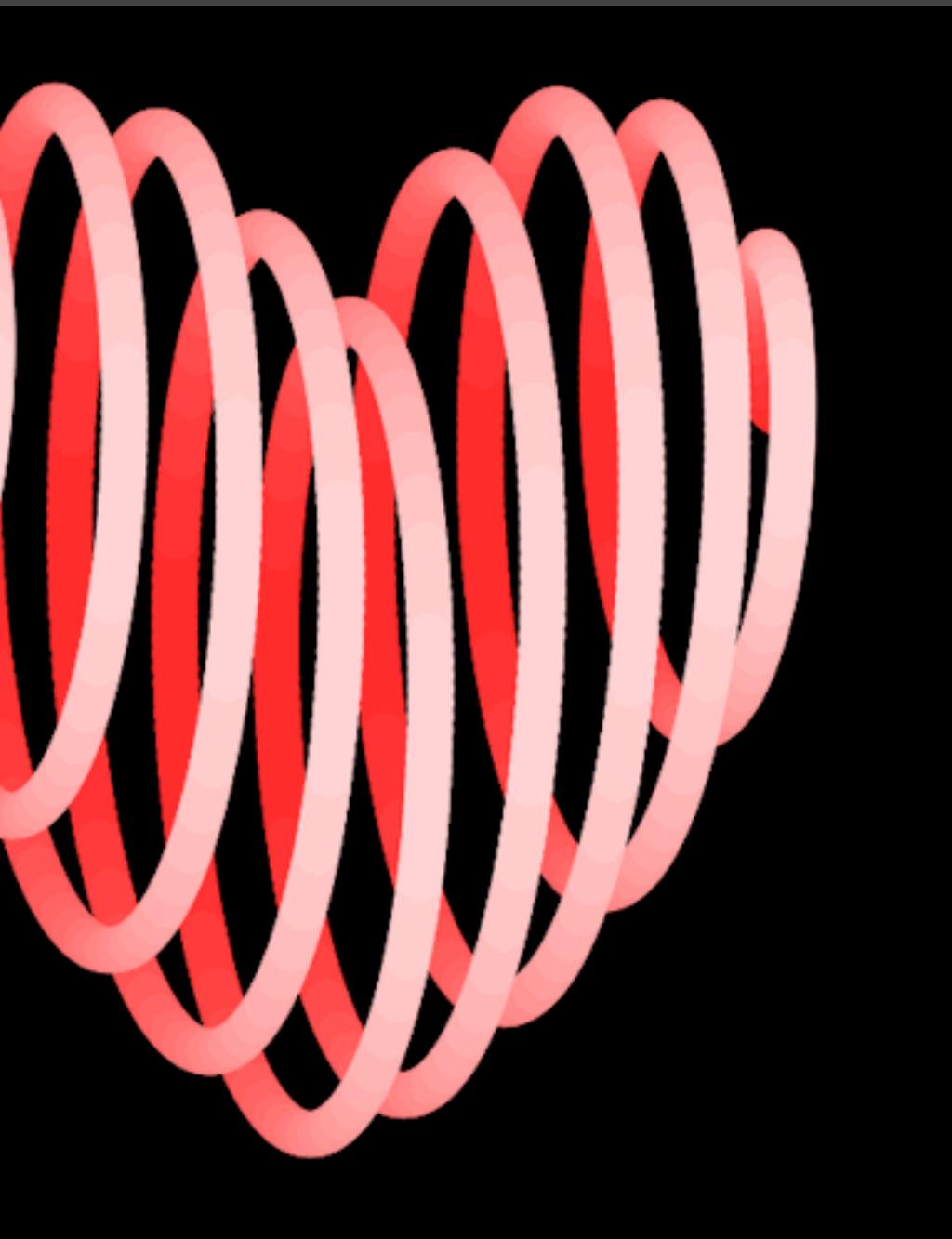
Truchet tiles



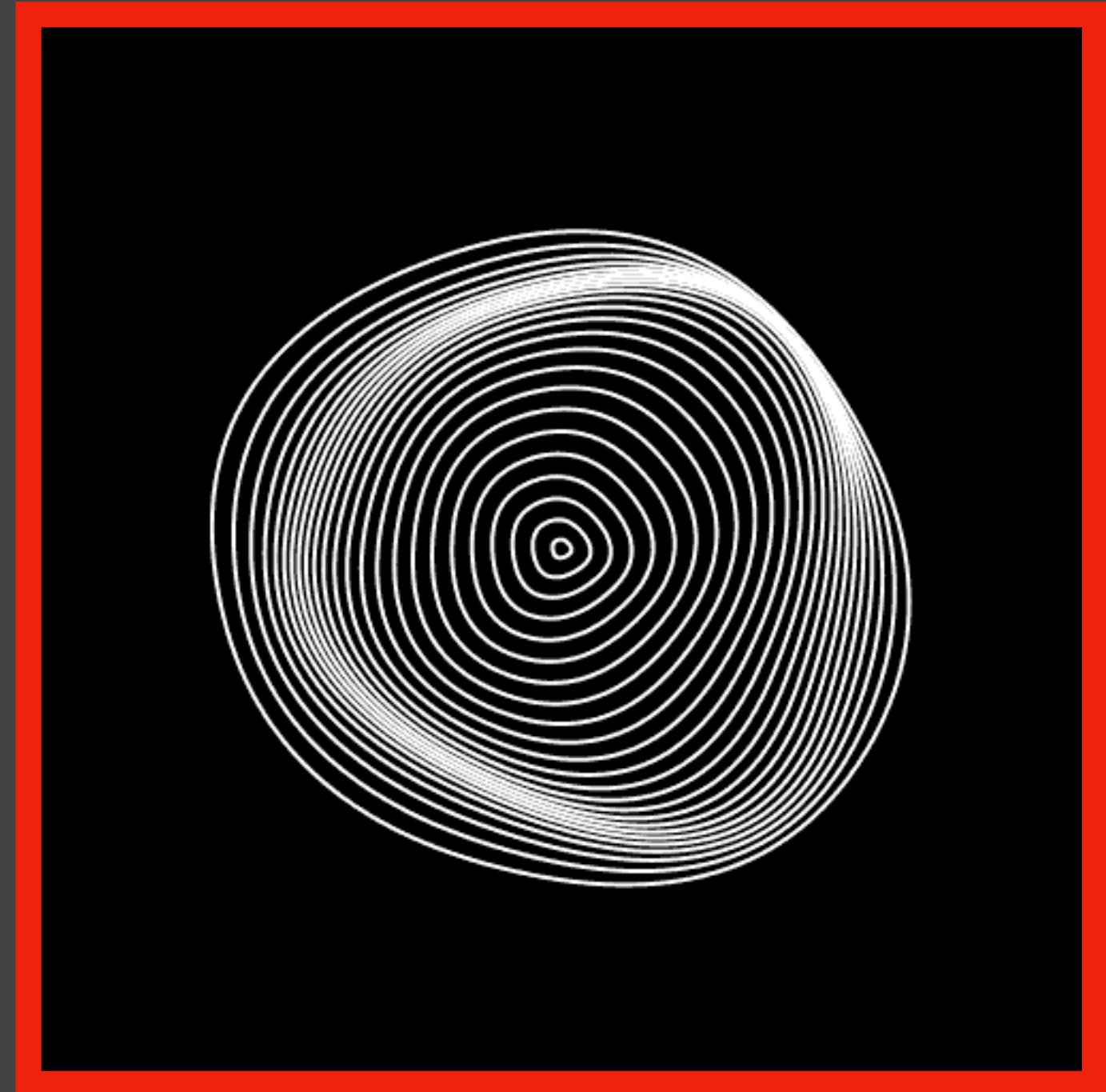
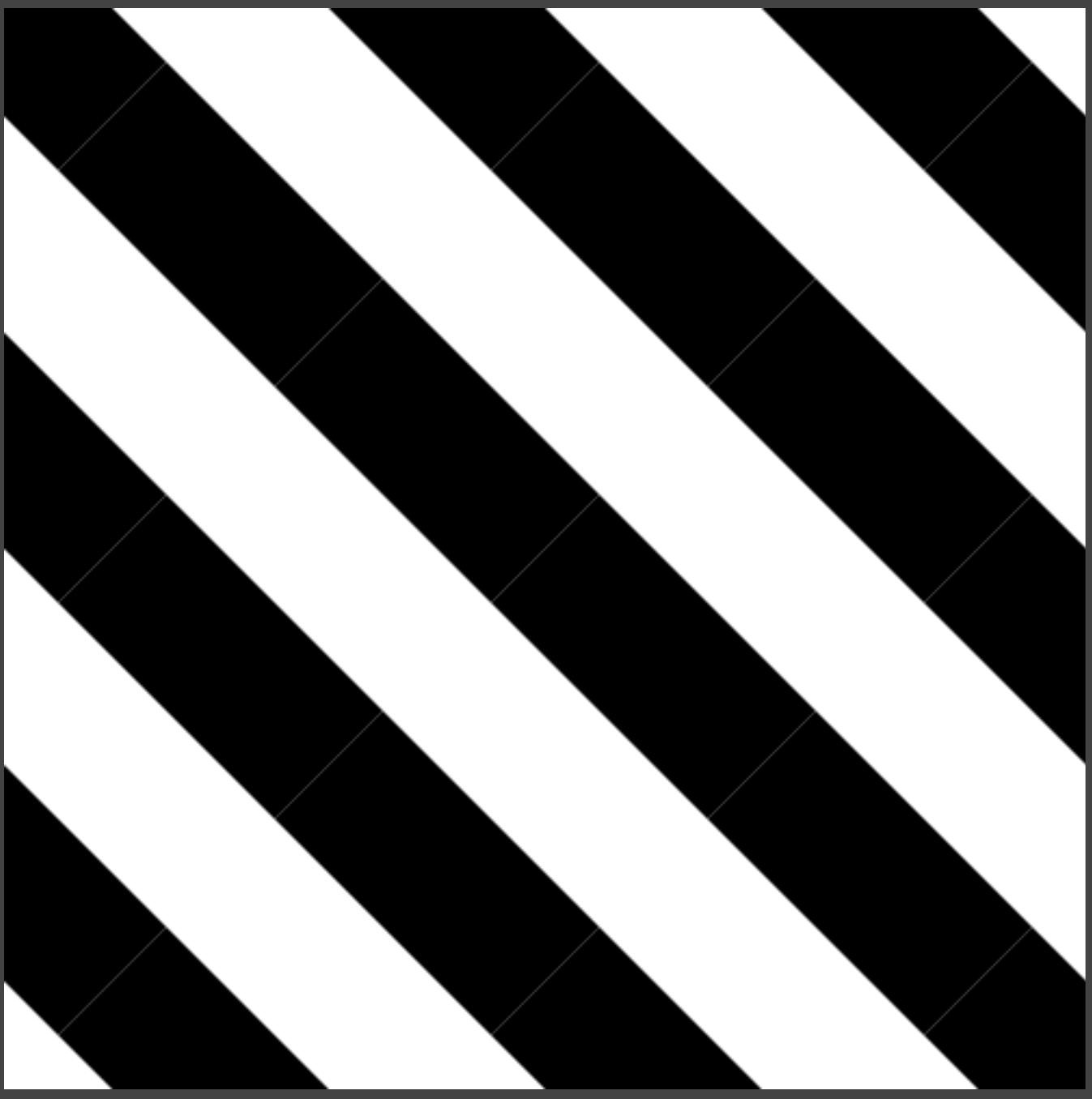
Gerstner's Tangential Eccentric



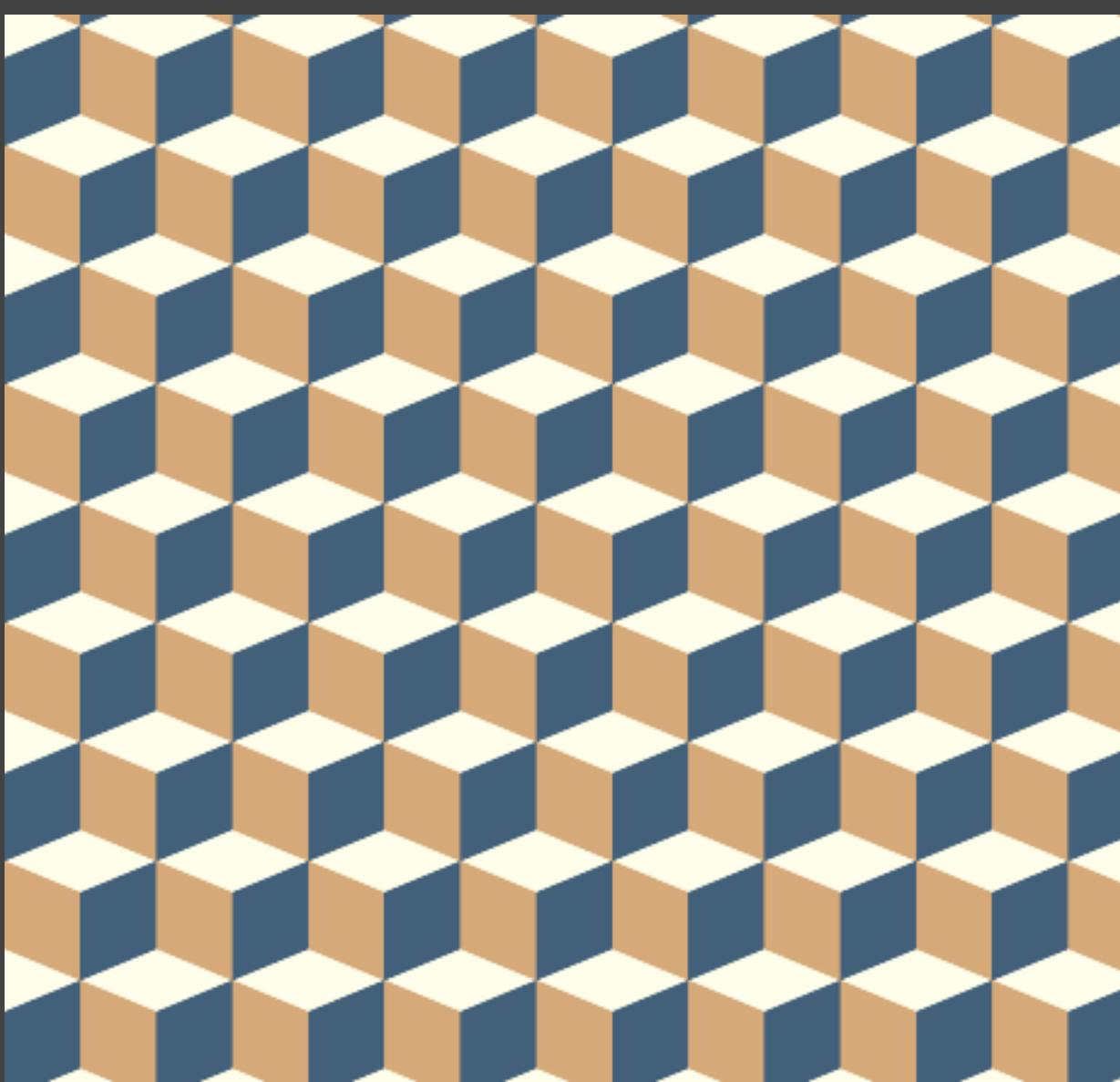
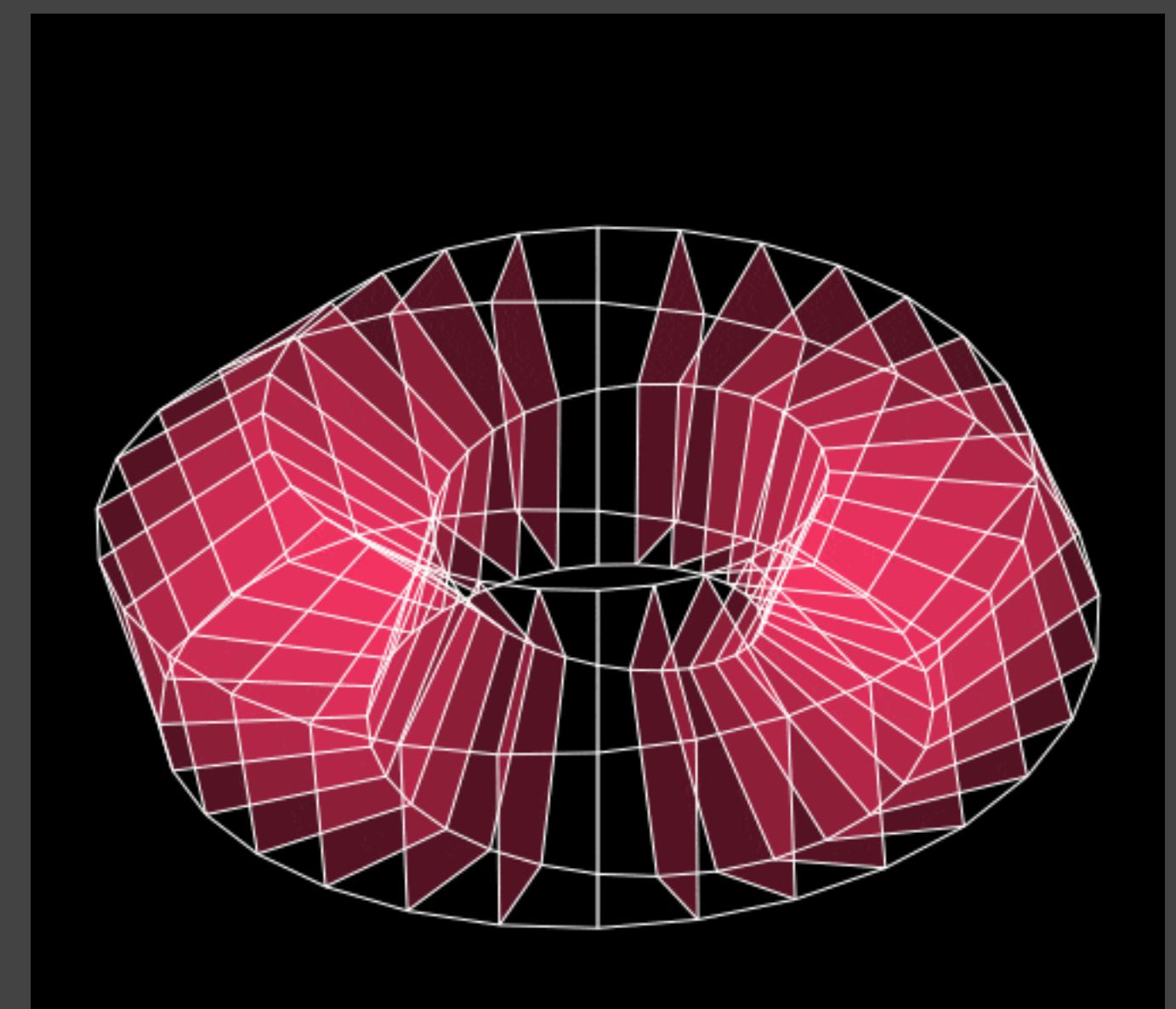
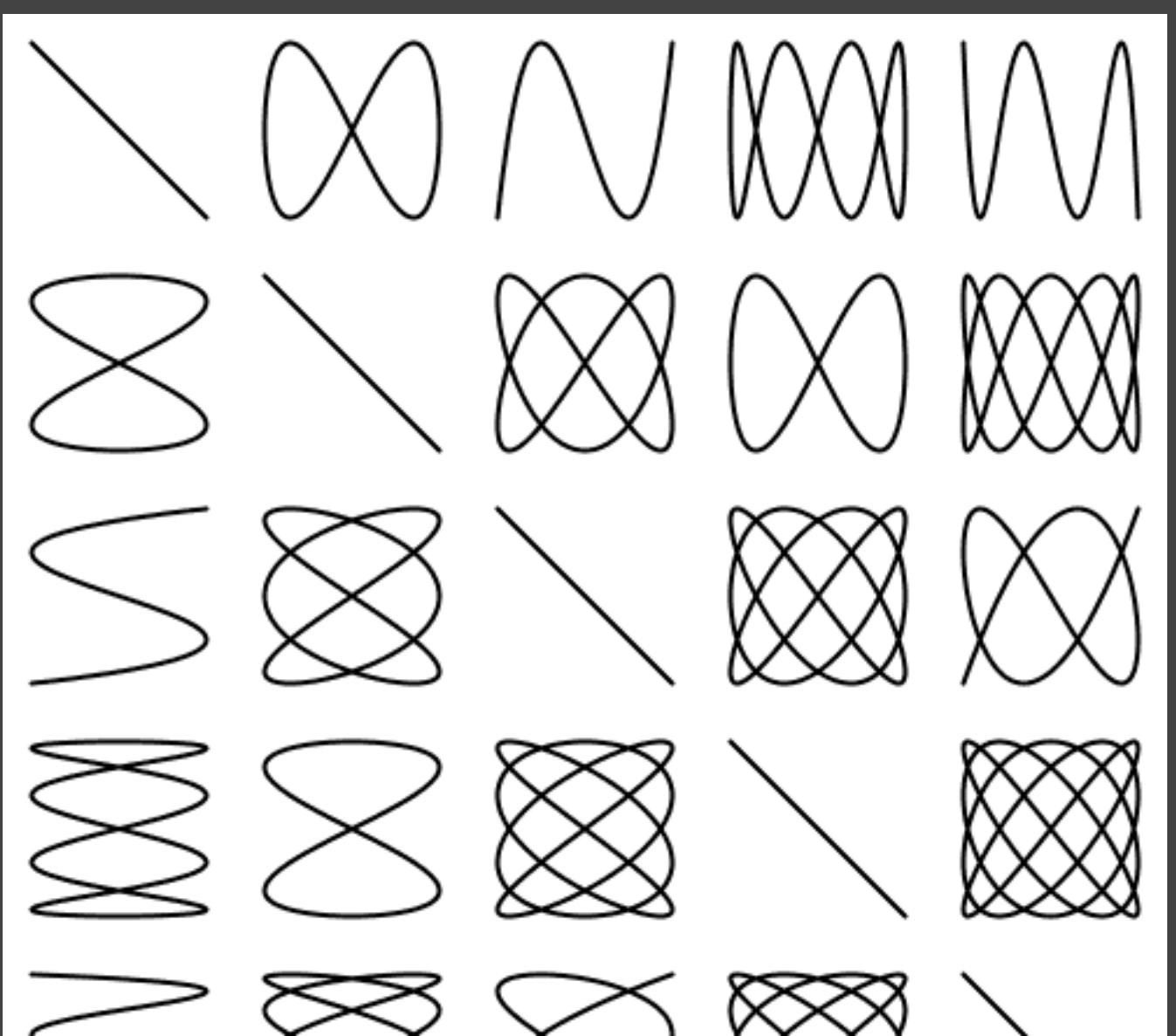
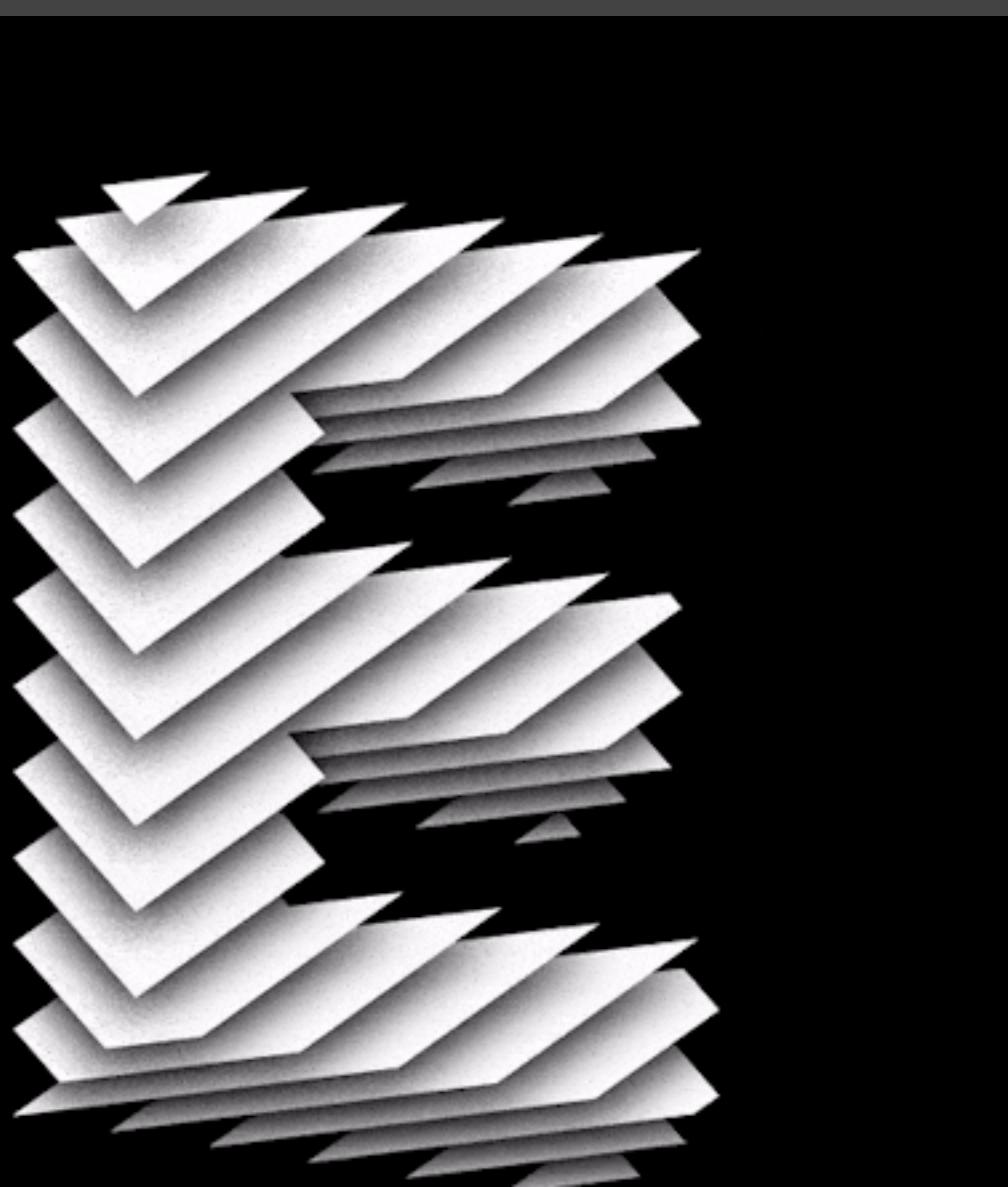
Daily Drawbot



dailydrawbot.tumblr.com



Just van Rossum



Caribbean Mental Health Foundation

Agyei Archer



Autism Care Guide

A guide for new parents, caretakers and teachers. Sponsored by the Ministry of Health, Government of Trinidad & Tobago.



What's Going On?

ANXIETY

