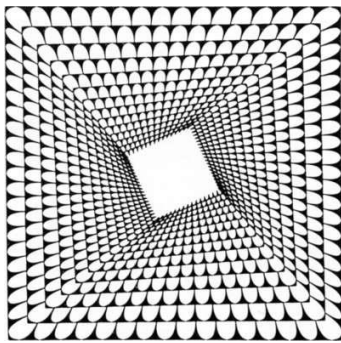


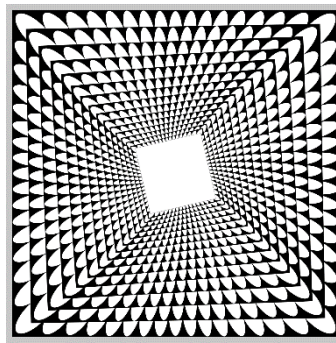
P5 – Recoding

Goulin Jolan

The artwork chose is »Variation on a theme from Jeffrey Steele« by Donald K. Robbins. The artwork is a repetition of black squares with white ellipses inside. I reproduced this pattern of squares and ellipses and adjusted it thanks to a few parameters. This allowed me to recreate something close to the original artwork. A difference in the form of the ellipses is still there: while they got the same half radius, the ones of the recoded artwork are thinner.



The original

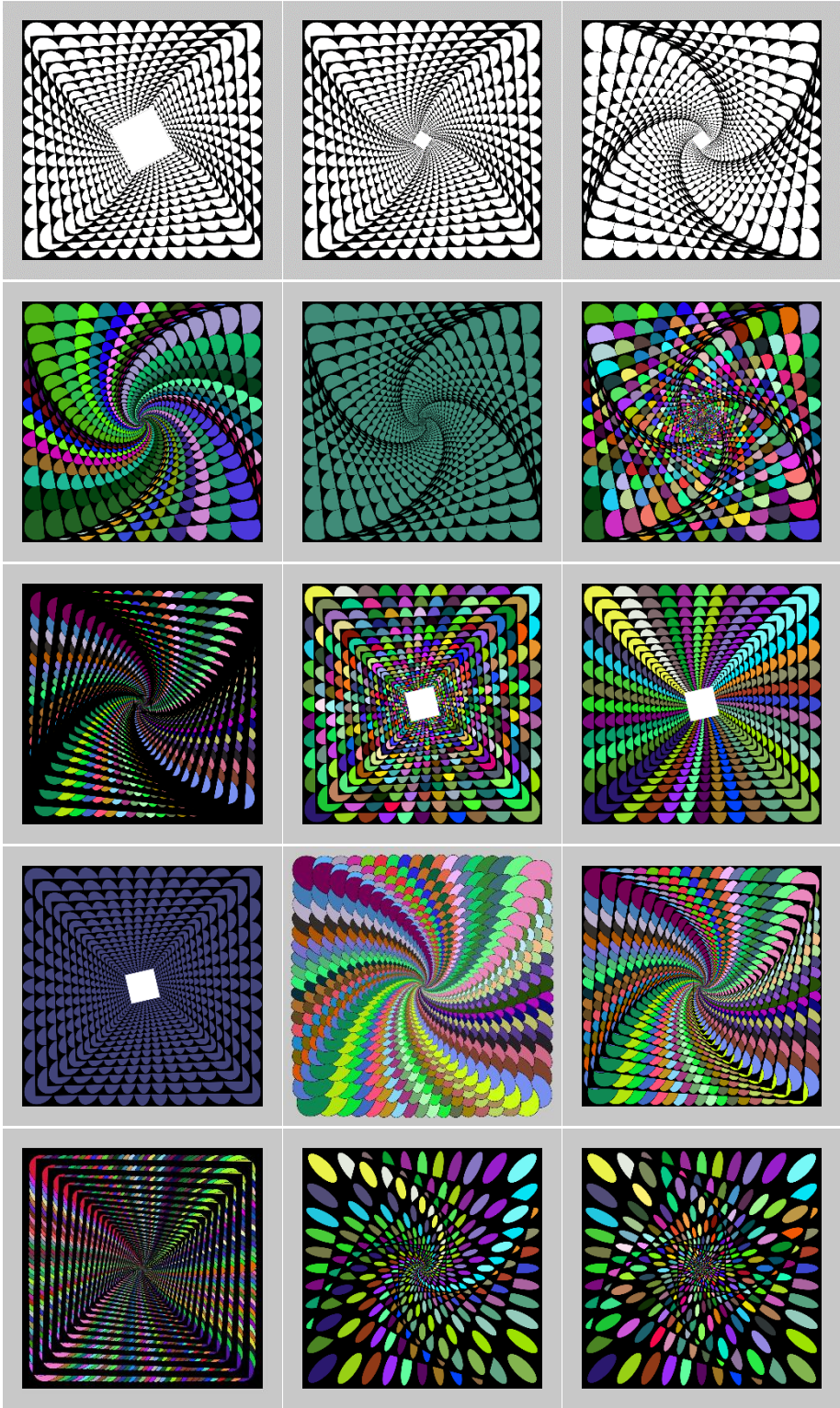


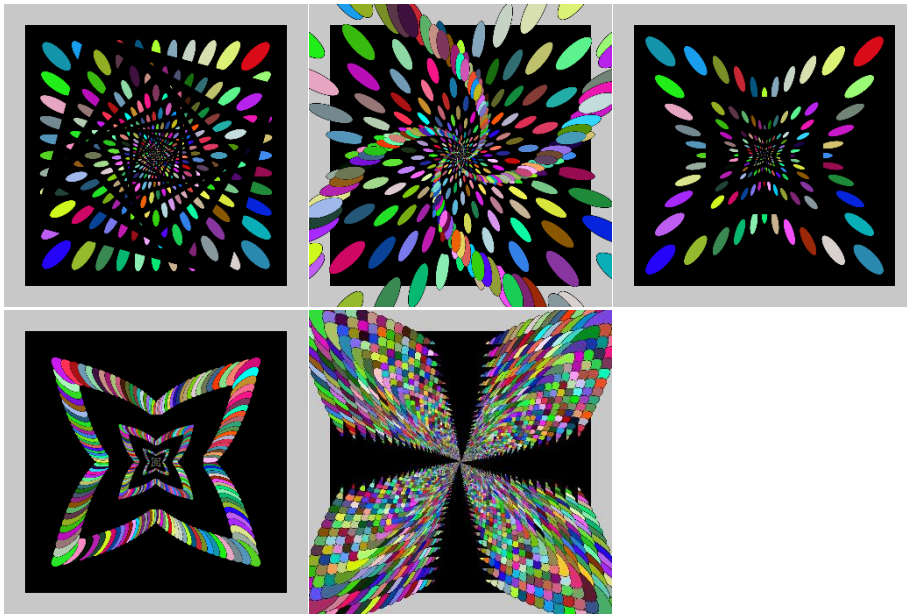
The recoded

After that I wondered how I could alter the artwork to create something new. To do so, I tried the following modifications on the algorithm:

- Changing the number of ellipses.
 - Changing the height and width of the ellipses.
 - Changing the number of repetitions of the pattern.
 - Changing the scale reduction between 2 squares
 - Changing the direction of the rotation.
 - Adding Color.
- To add color, I tried 3 methods:
- Picking a random color for each ellipse.
 - Picking a random color for each group of ellipses in the same column.
 - Picking a random color for all the ellipses.

Here are some of the results I obtained:





Some of these variations differ greatly from the original artwork. The combination of change in the intensity of the rotation and in scale and number of ellipses seems to be what make them stand out.

The artworks png files and the code can be find in my github : <https://github.com/Jolan-Goulin/P5->