Report

The "Fractal" is actually a part of the chaos theory. The nature of it is recursion. The key concept of the chaos theory is to apply the same formula to itself with the last result as the "feedback".

Accordingly, by using recursive calls, we can do that easily by make the "Feedback" a part of the parameters of the function.

However, when it comes to iteration. The first thing I noticed is that it's hard to just draw all the squares like we did with recursive calls. Instead, we'll need to use arrays to store all the previous squares and generate new squares based on those records. In another word, we need some thing else to handle the "Feedback".