

design review part I

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aesthetics of design

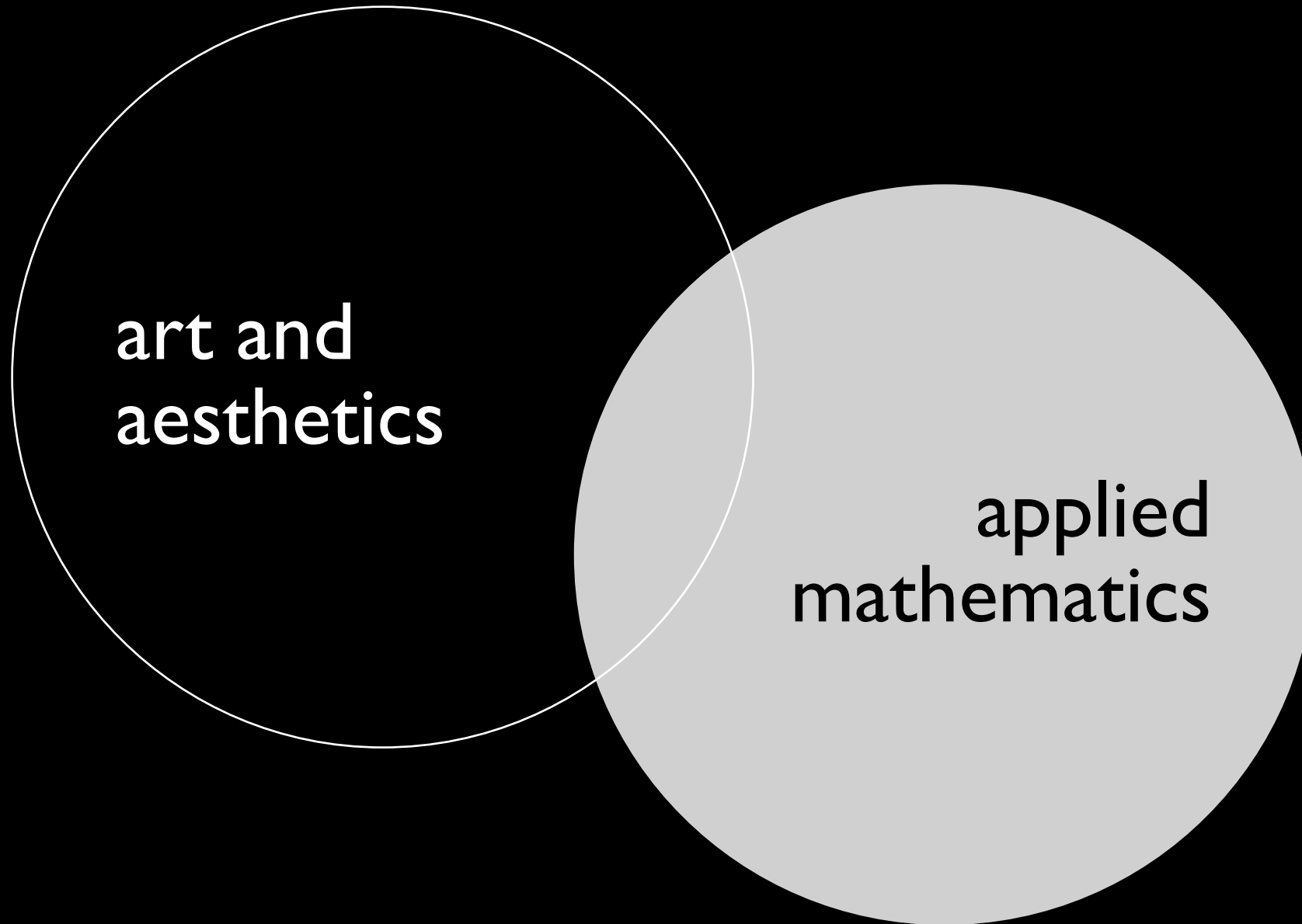
march 8, 2020

inspiration



how can i
complement this ?





definition: fractal

/ˈfraktəl/

mathematics

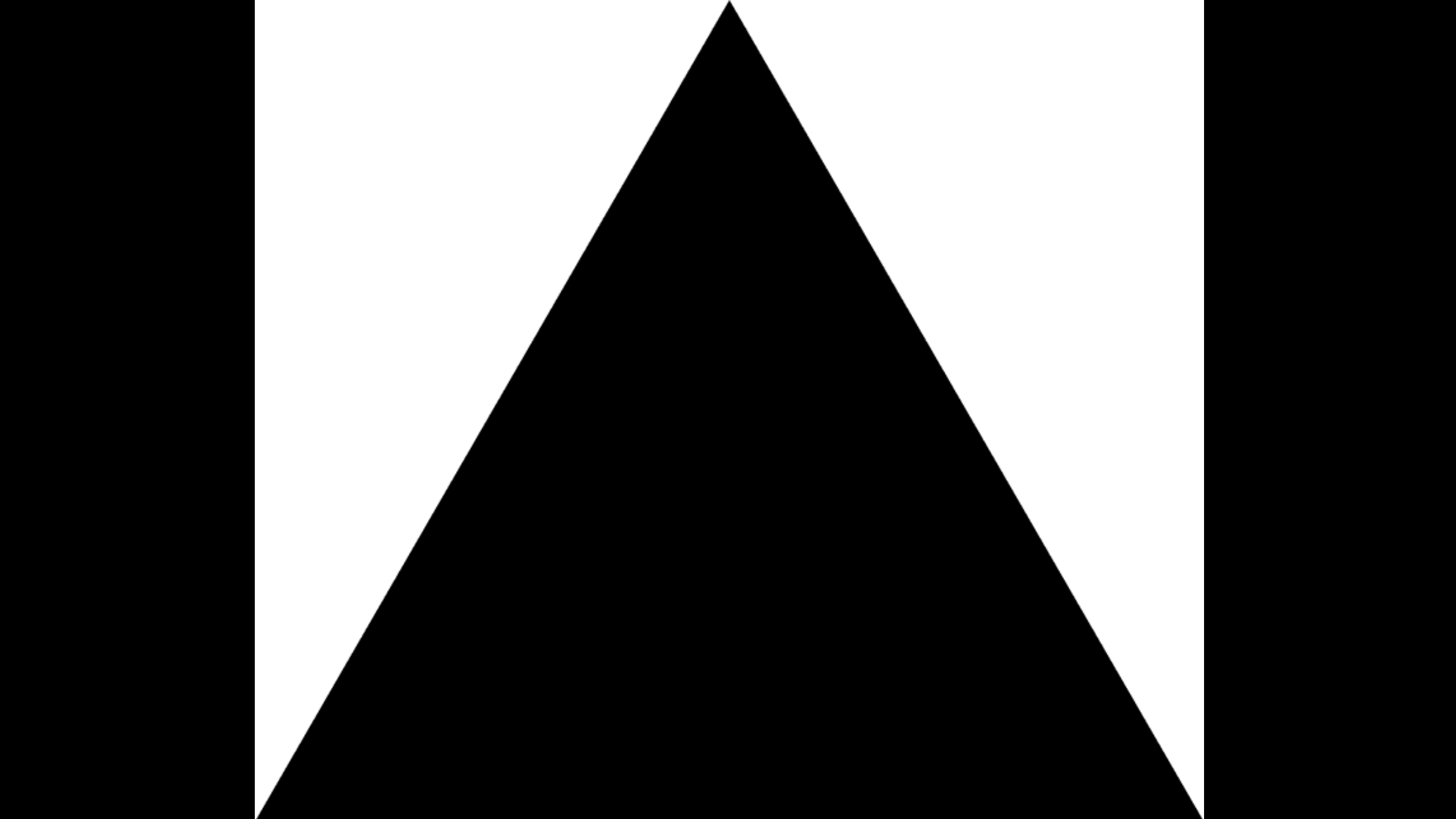
1. a curve or geometric figure, each part of which has the same statistical character as the whole. (Oxford English Dictionary)
2. a highly irregular shape for which any suitably chosen part is similar to another larger or smaller part when magnified or reduced. (Merriam-Webster)
3. a subset of a Euclidean space for which the fractal dimension strictly exceeds the topological dimension. (Wikipedia)

definition: fractal

/'fraktəl/

mathematics

no change when zoom!



method: python3

parameters:

n x m frame size (matrix dimensions)

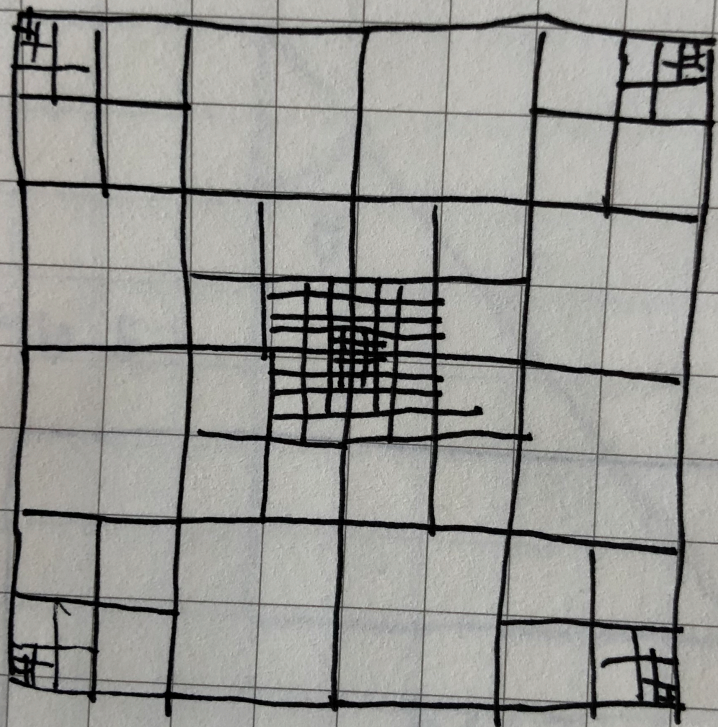
starting point

thickness of line

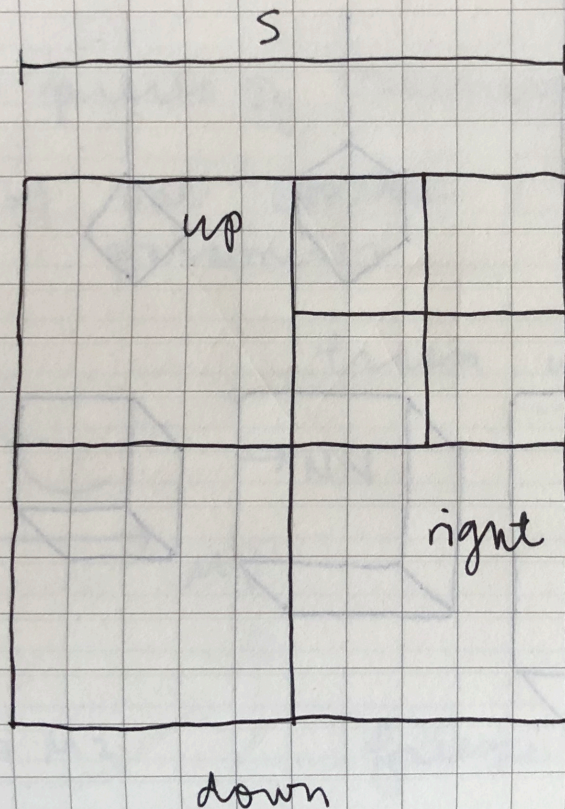
iterations

output:

frame



left



10, 5, 2.5,

$\Rightarrow 10 \left(\frac{1}{2}\right)^n$

$$a_n = 5 \left(\frac{1}{2}\right)^n$$

$a_0 = 10$

$a_1 = 5$

$a_2 = 2.5$

new_center

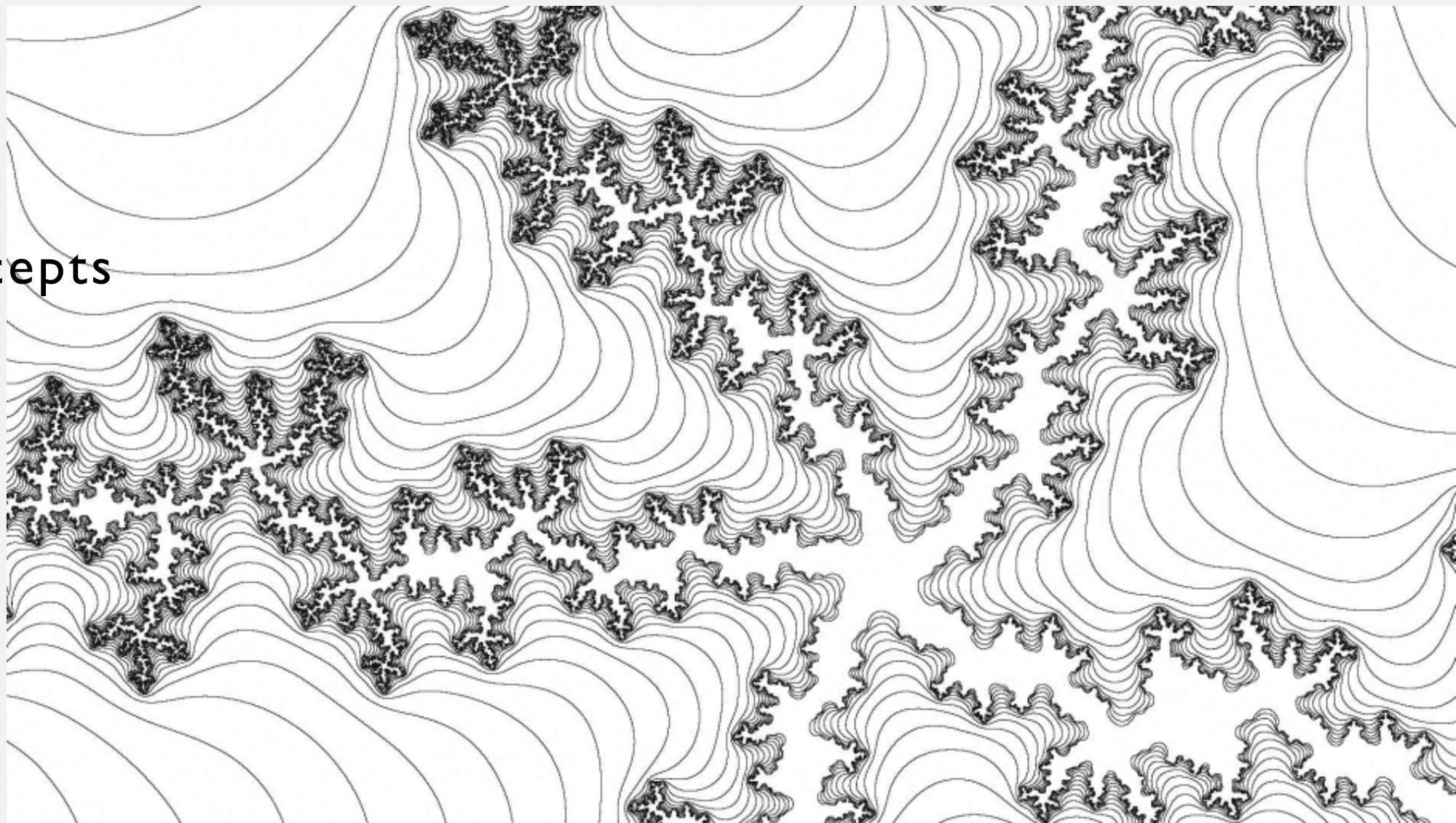
center⁽ⁿ⁾ + S_{n+1} ,
center

- initialize square
- draw cross + in upper right corner

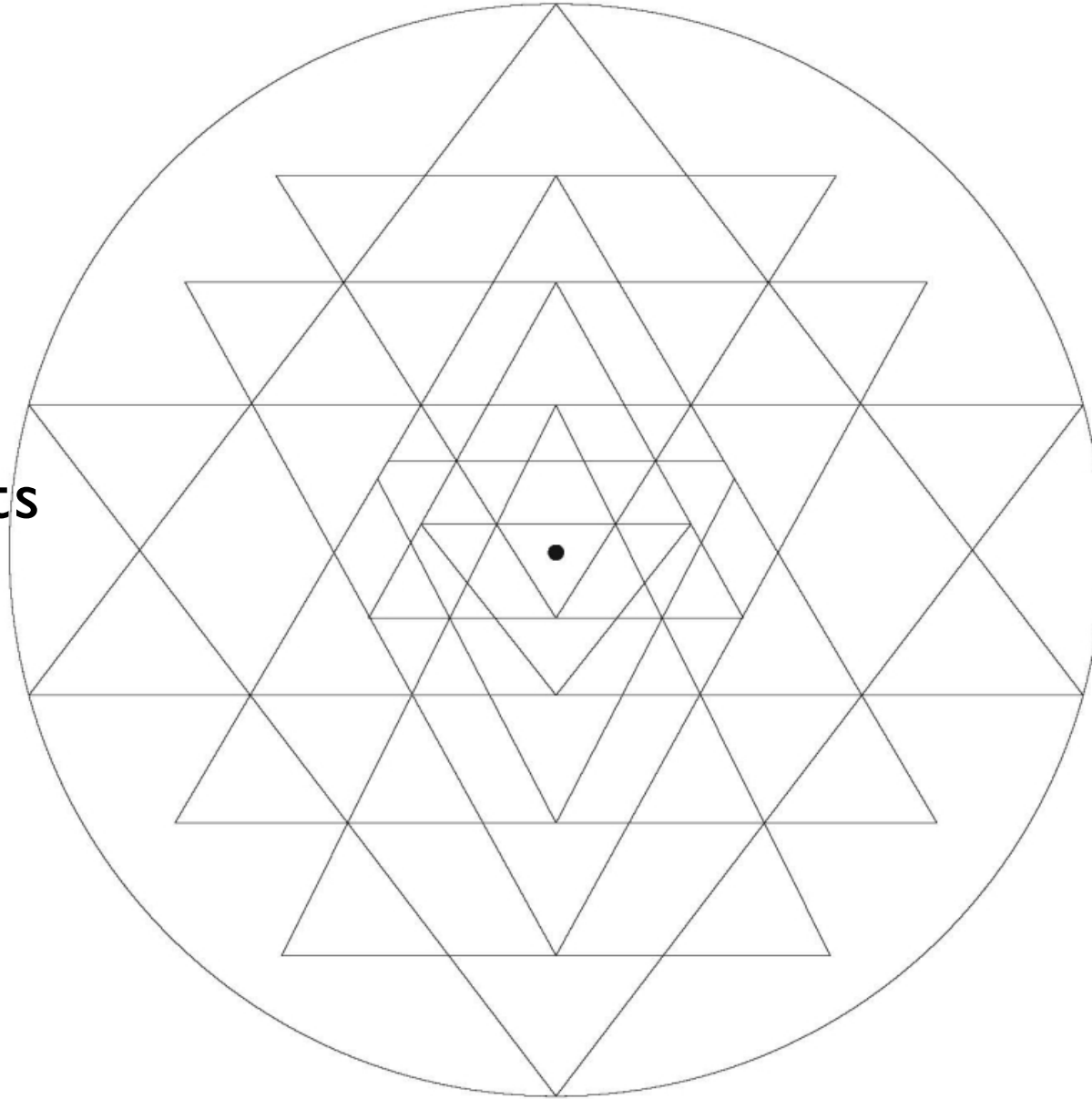
other concepts



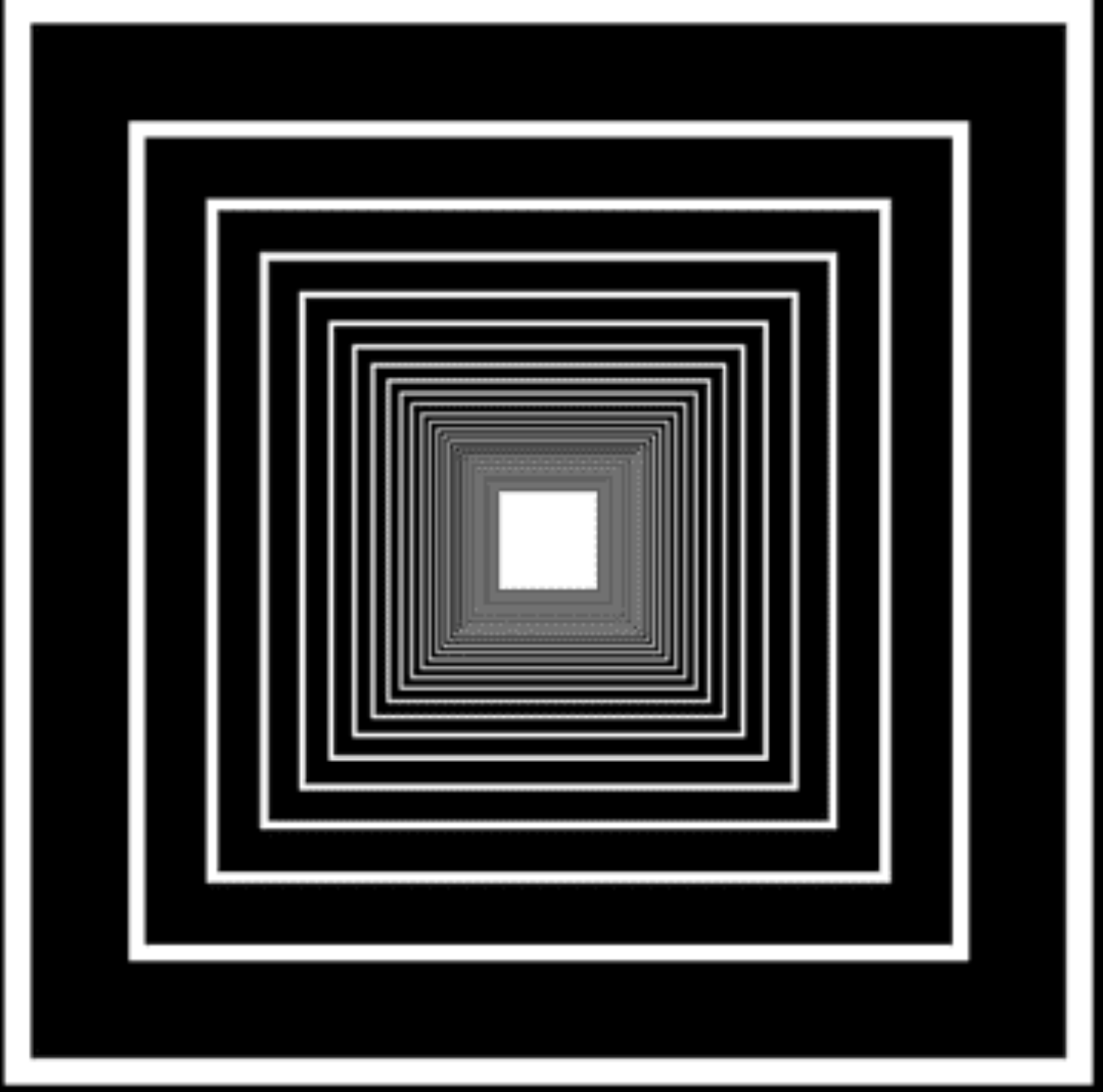
other concepts

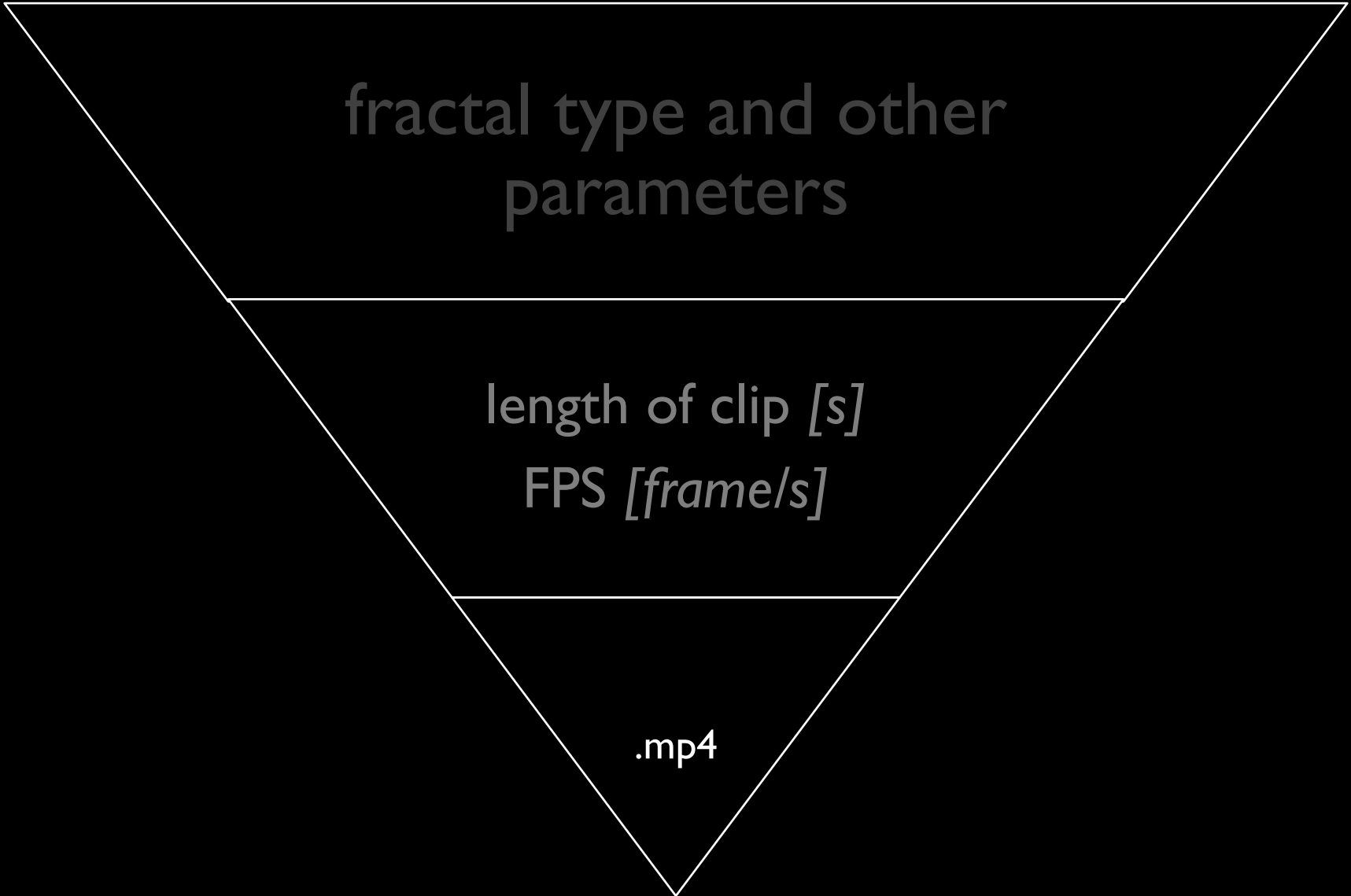


other concepts



other concepts





fractal type and other
parameters

length of clip [s]
FPS [*frame/s*]

.mp4

what next?

adobe aftereffects (Ae)

a lot... of editing

atlas resources

open source code...

music synchronization

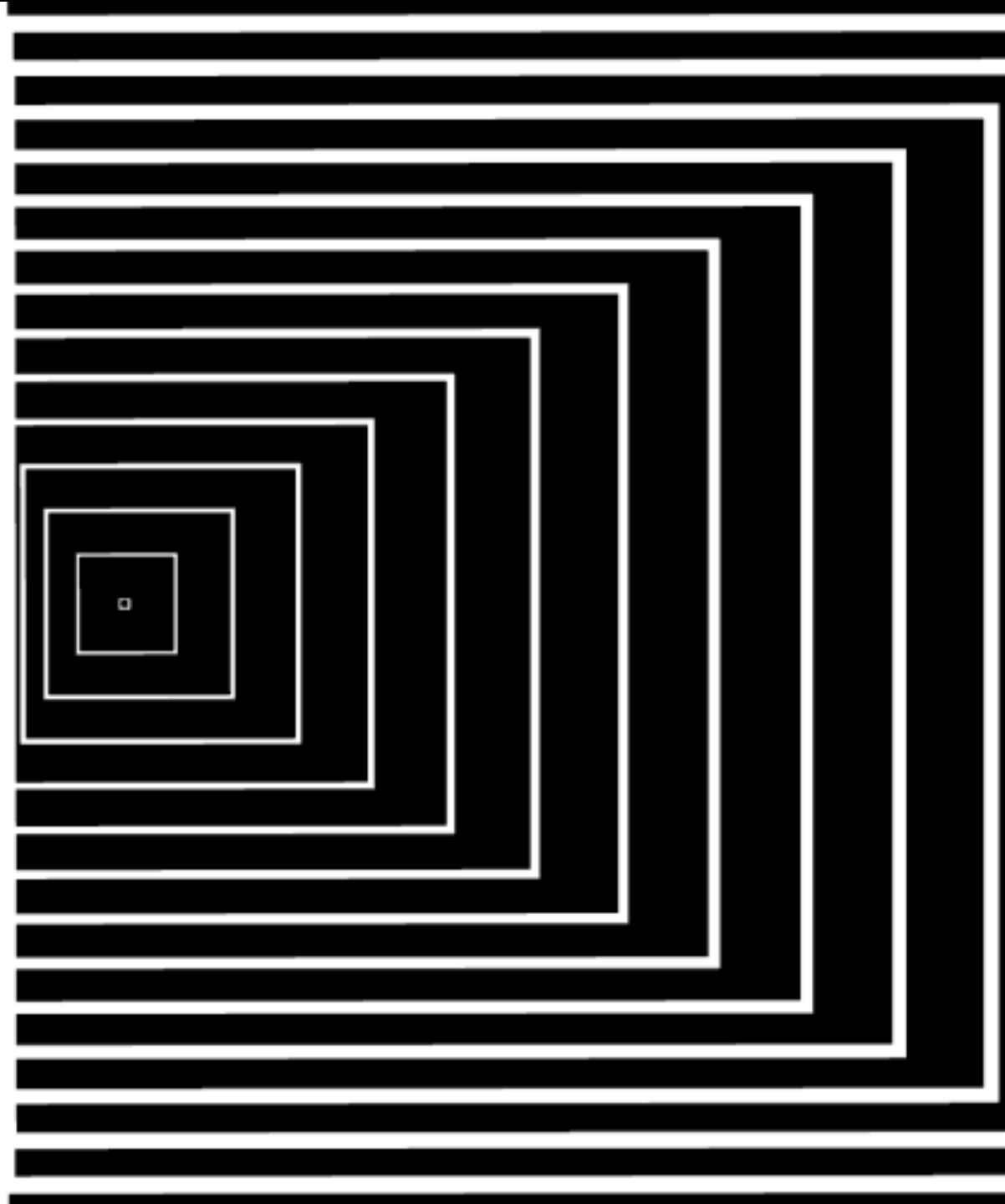
barriers

time

FPS vs. BPM

a lot... of editing

questions ?



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