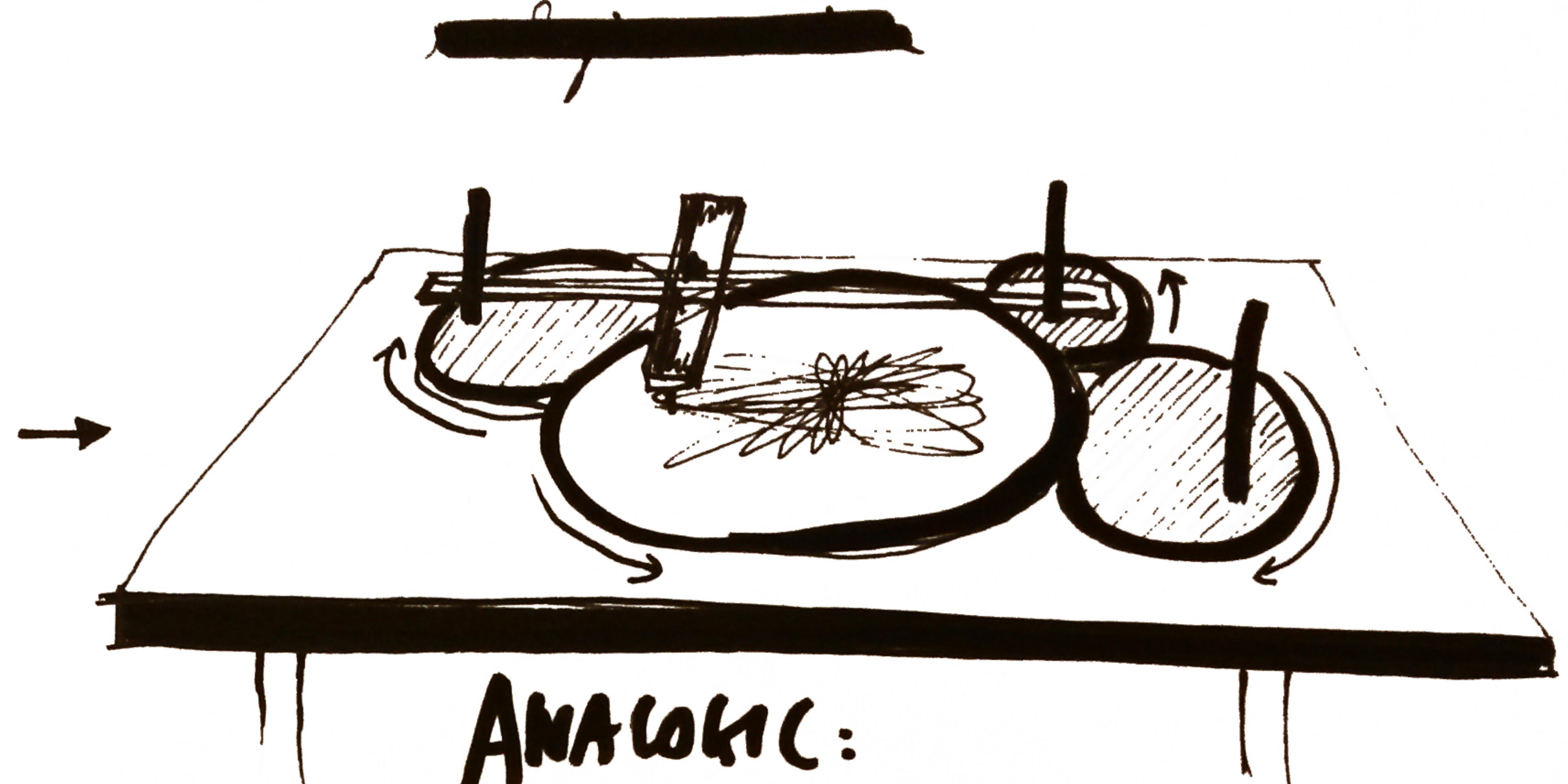


AN HARMONOGRAPH

IS A MACHINE MADE OF
2 OR MORE PENDULUMS,
GEARS AND A DRAWING
ARM.

IT PRODUCES NICE
CYCLOID-LIKE DRAWINGS.



ANALOGIC:
3-PENDULUM MECHANISM

EDUCATIONAL APP/GAME

2-mode application:

I. set the mechanism
and draw

II. look at the drawing
& retweak the mechanism

But can we design a Python version?
Let's do it!

GOAL: design a TKinter Harmonograph on Python
to teach kids the beauty of pendulums,
cycloids and trigonometry

DIGITAL:
PYTHON TKINTER