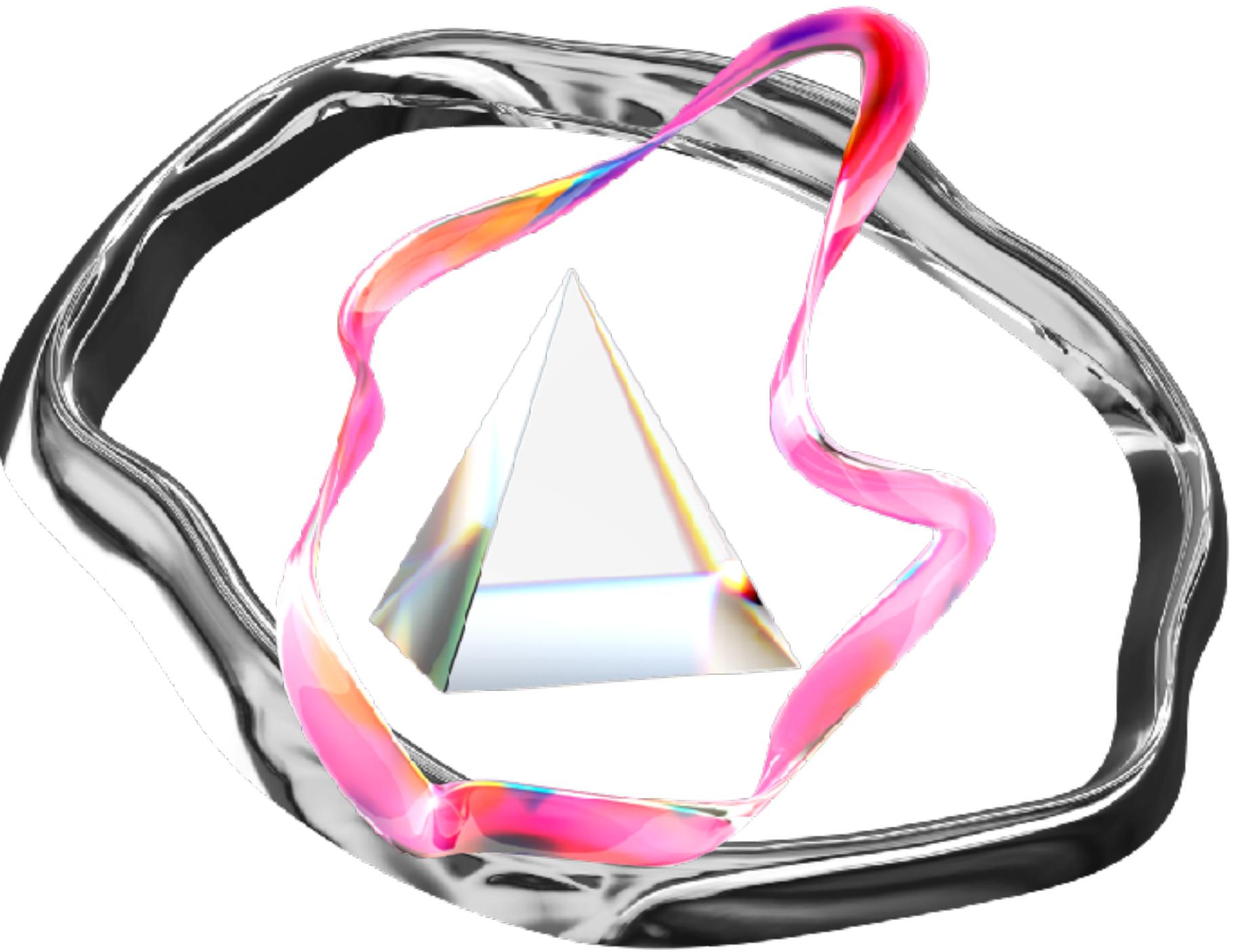
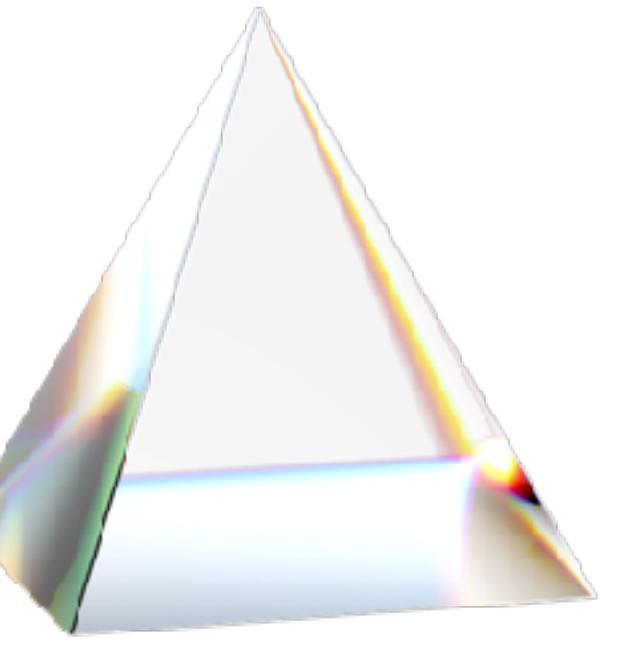


AI + AI + AI

AI MODULE X SCREENS

enrique.encinas @aho.no





ALBARI

AI

An acronym for
Artificial Intelligence.

MAC

Machine
learning
itself.
Algorithms that use
statistics to find
patterns in large
amounts of data.

ML

An acronym for
Machine Learning.

SIMULATED AI

Machines learn
through rules.

AI TECHNOLOGIES

STRONG / GENERAL AI

?

WEAK / SPECIALIZED KI

CLASSIC / SYMBOLIC

DECISION TREES

SEARCH

RULE BASED SYSTEMS SYMBOLIC LOGIC

TABLE BASED

AGENTS

EXPERT SYSTEMS

EXPERT SYSTEMS

WITH NN INPUT

MONTE CARLO
SEARCH WITH NN

NEURAL NETWORKS

LSTM

CONVOLUTIONAL NN

ATTENTION

AUTOENCODER

DEEP LEARNING

MACHINE LEARNING

DECISION TREE

LEARNING

XGBOOST

MIXED ALGORITHMS

LINEAR REGRESSION

NAIVE BAYES

RANDOM FOREST

Q LEARNING

EVOLUTIONARY
ALGORITHIMS

ARTIFICIAL INTELLIGENCE

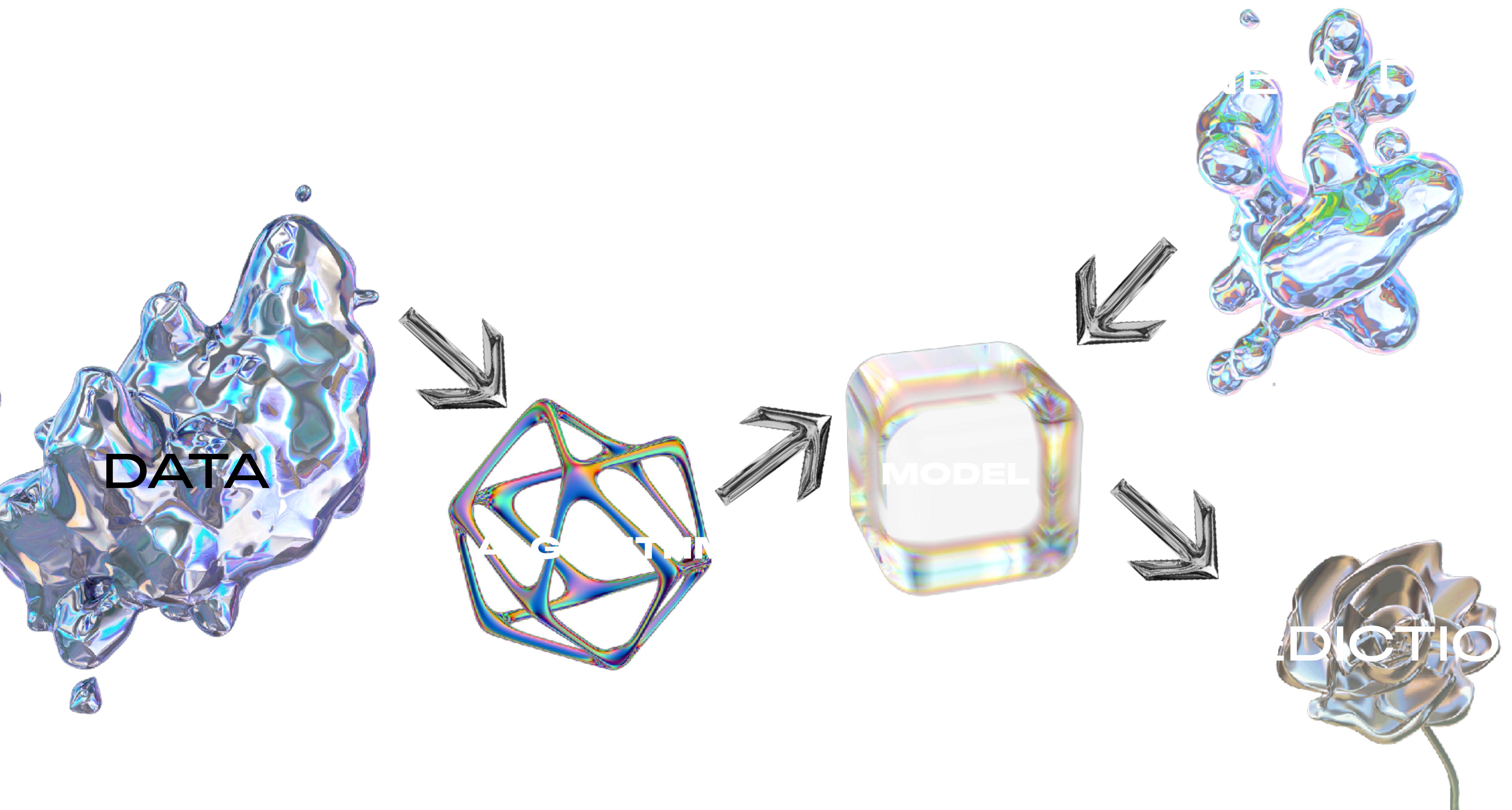
Any intelligent behaviour by a computer system or machine.

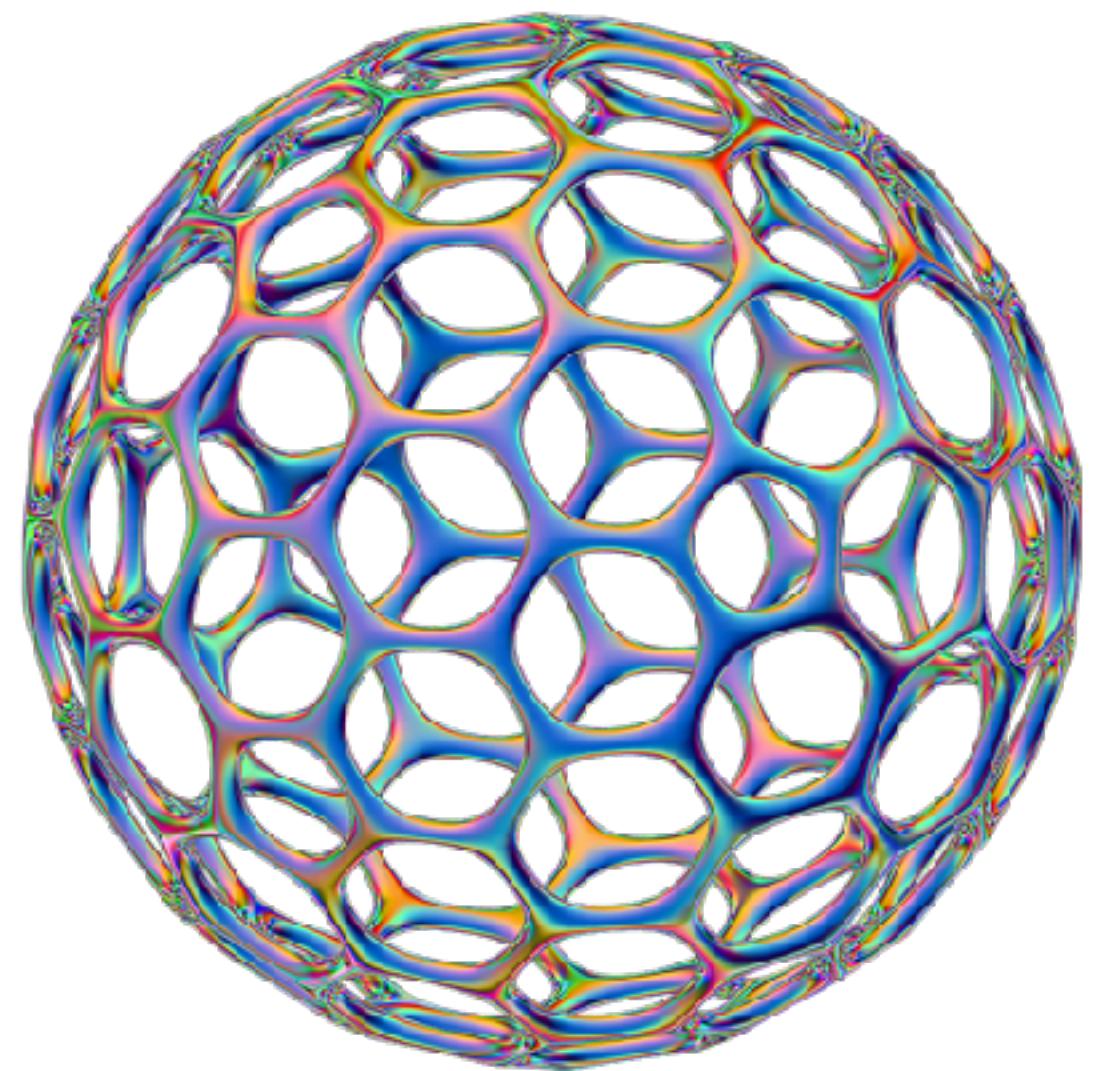
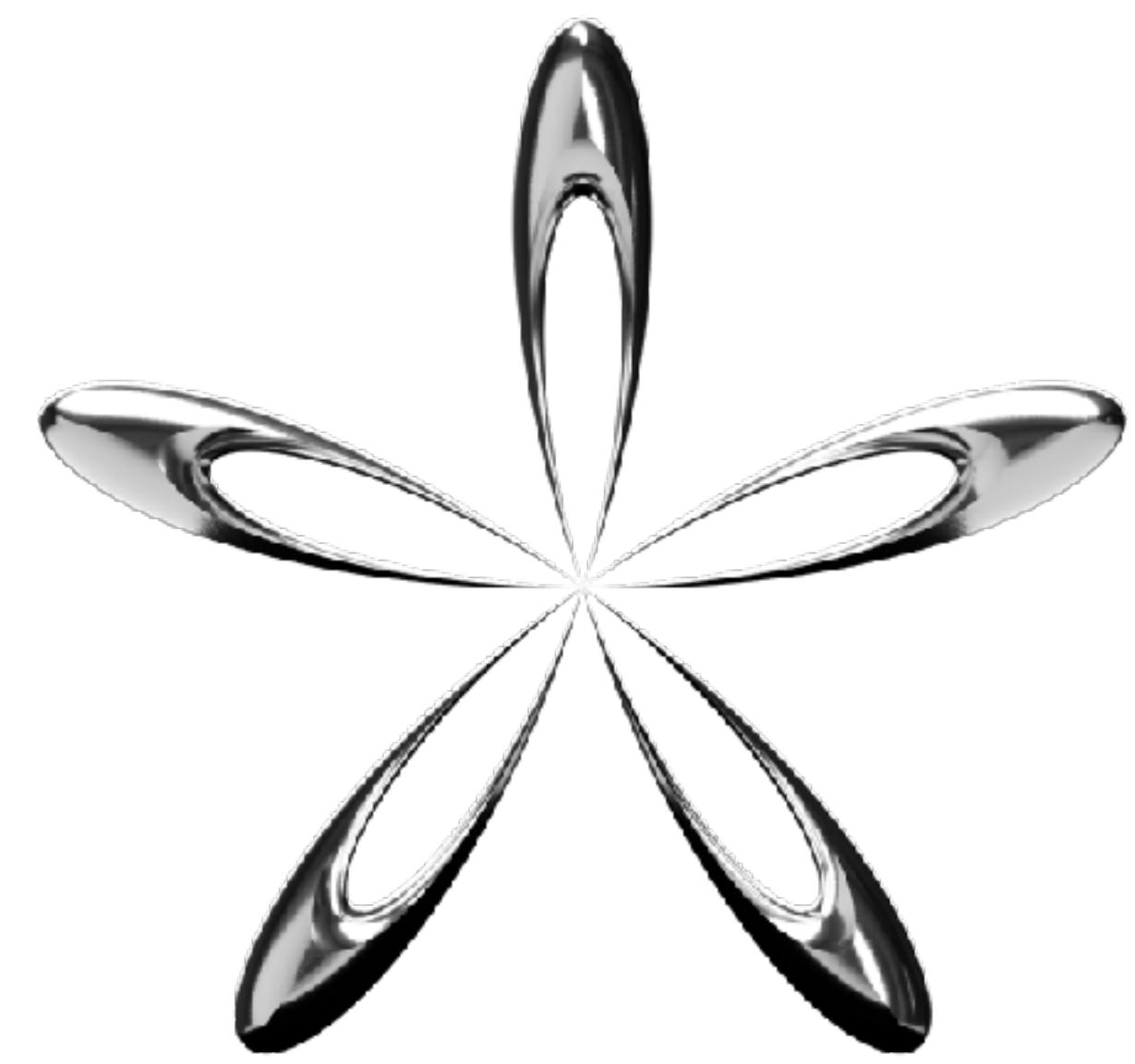
MACHINE LEARNING

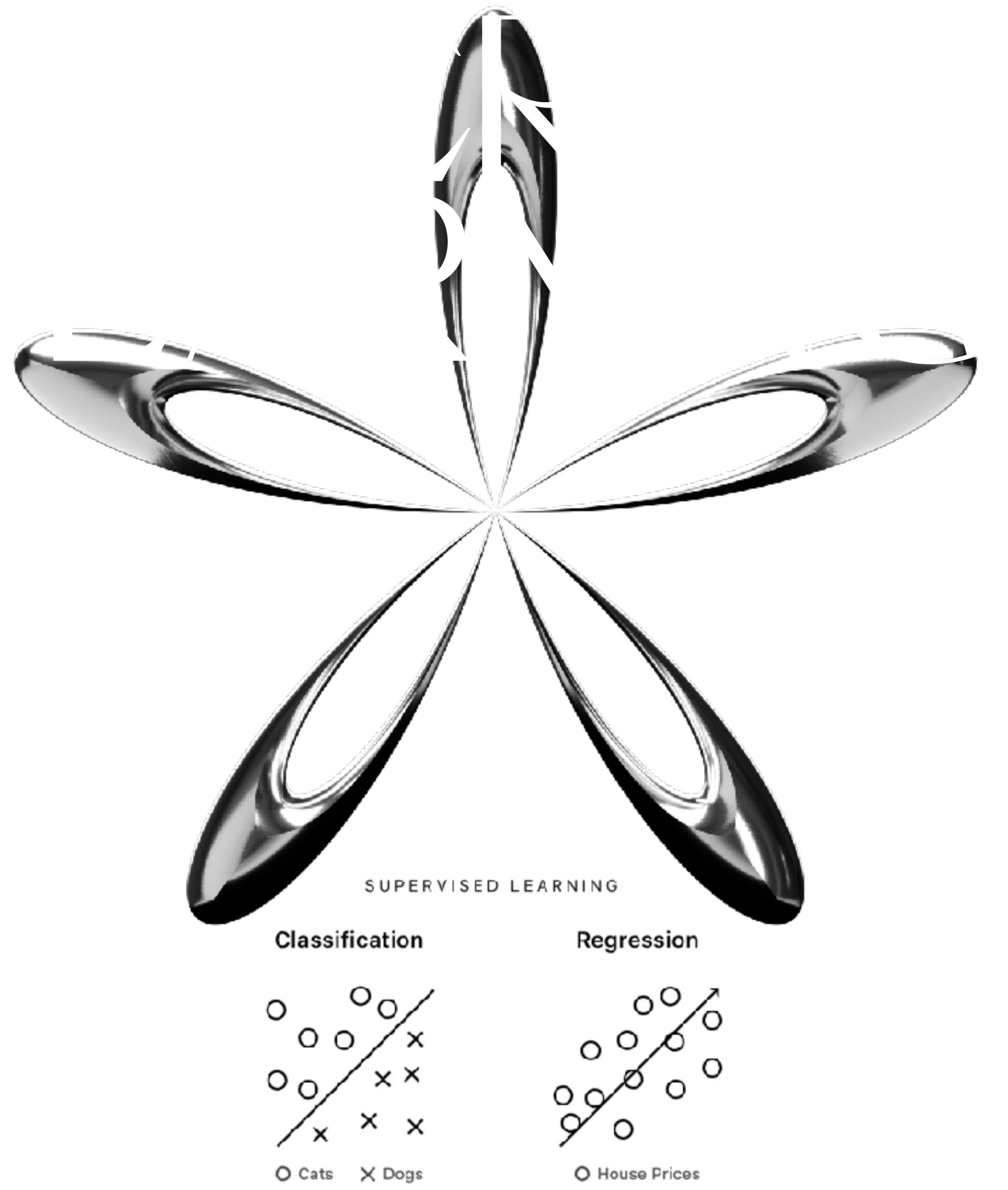
Algorithms that use
statistical models to find patterns
and make predictions

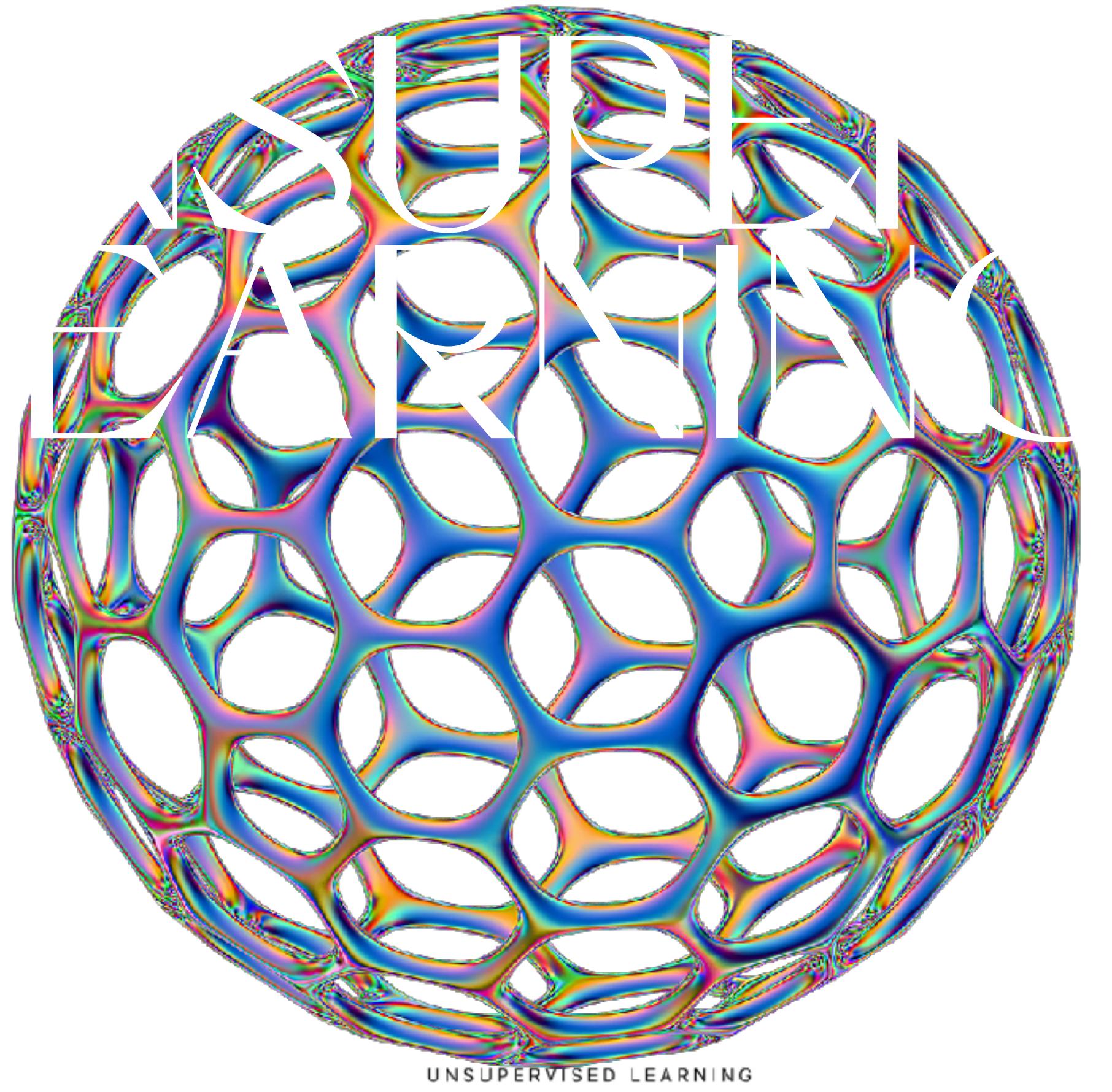
DEEP LEARNING

ML methods based on
artificial neural
networks



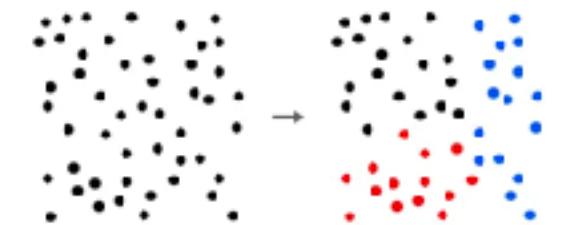




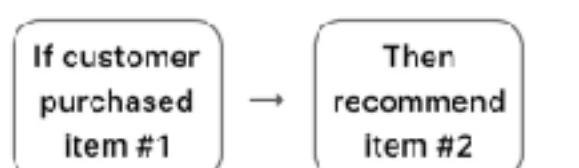


UNSUPERVISED LEARNING

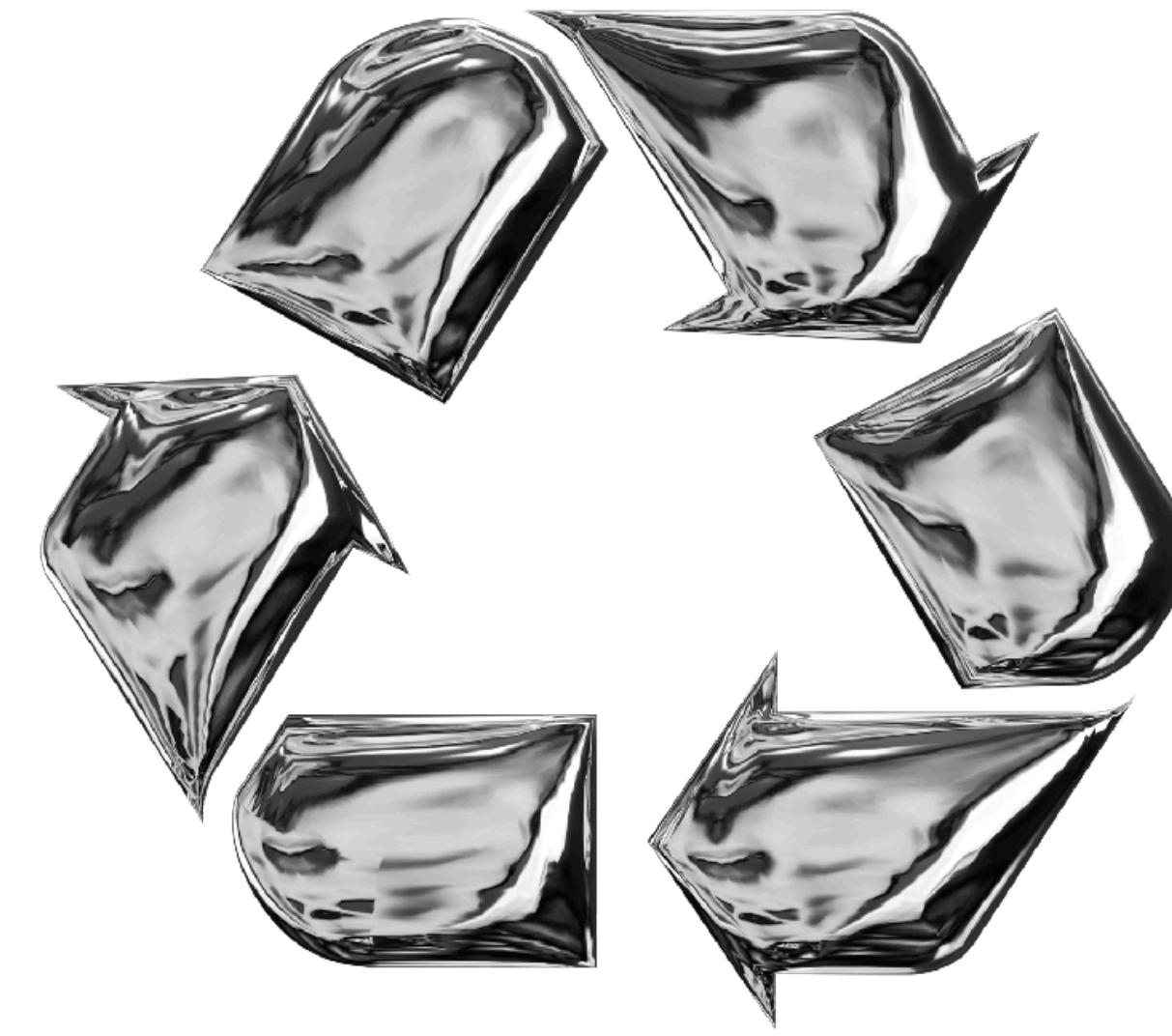
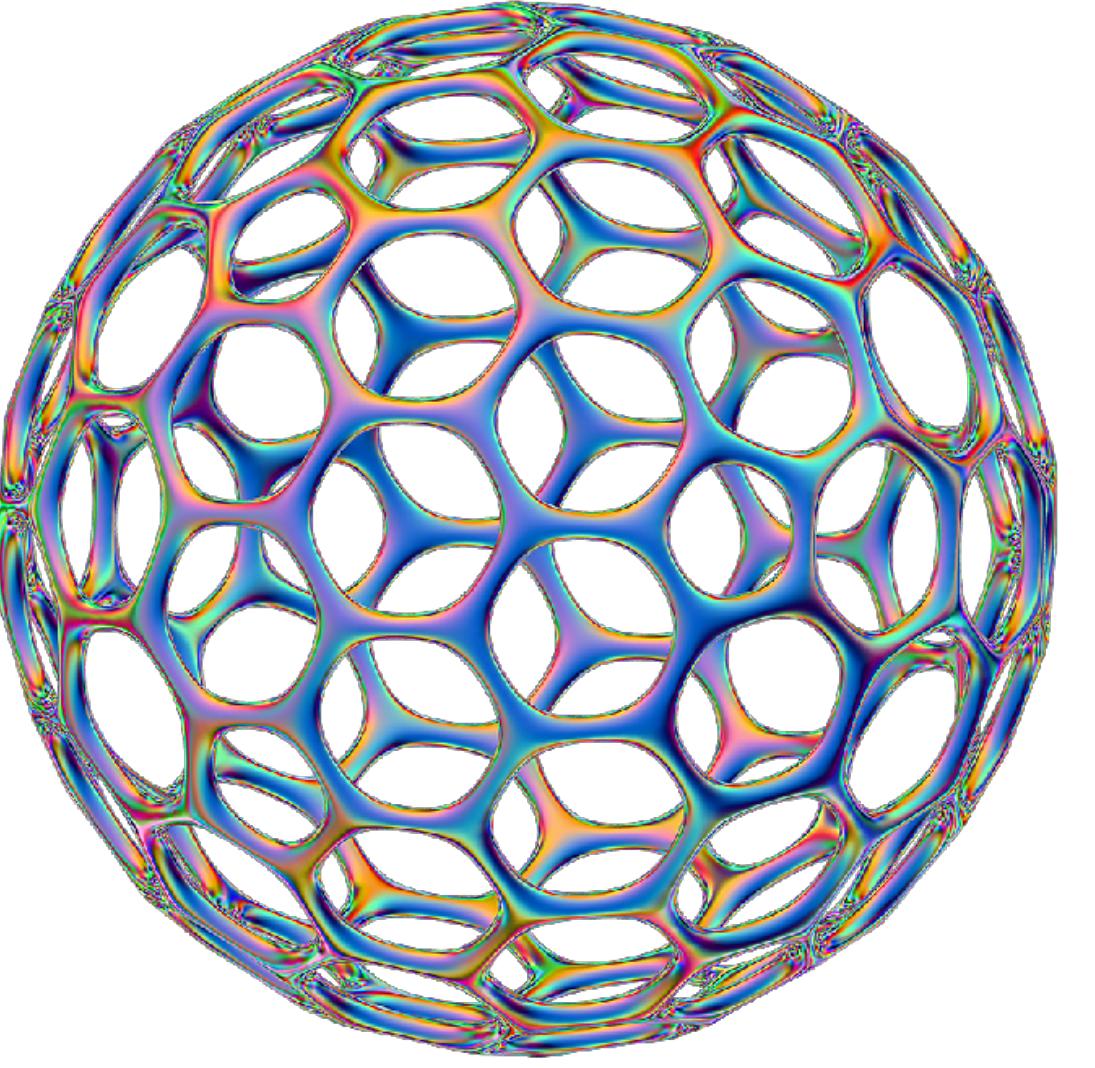
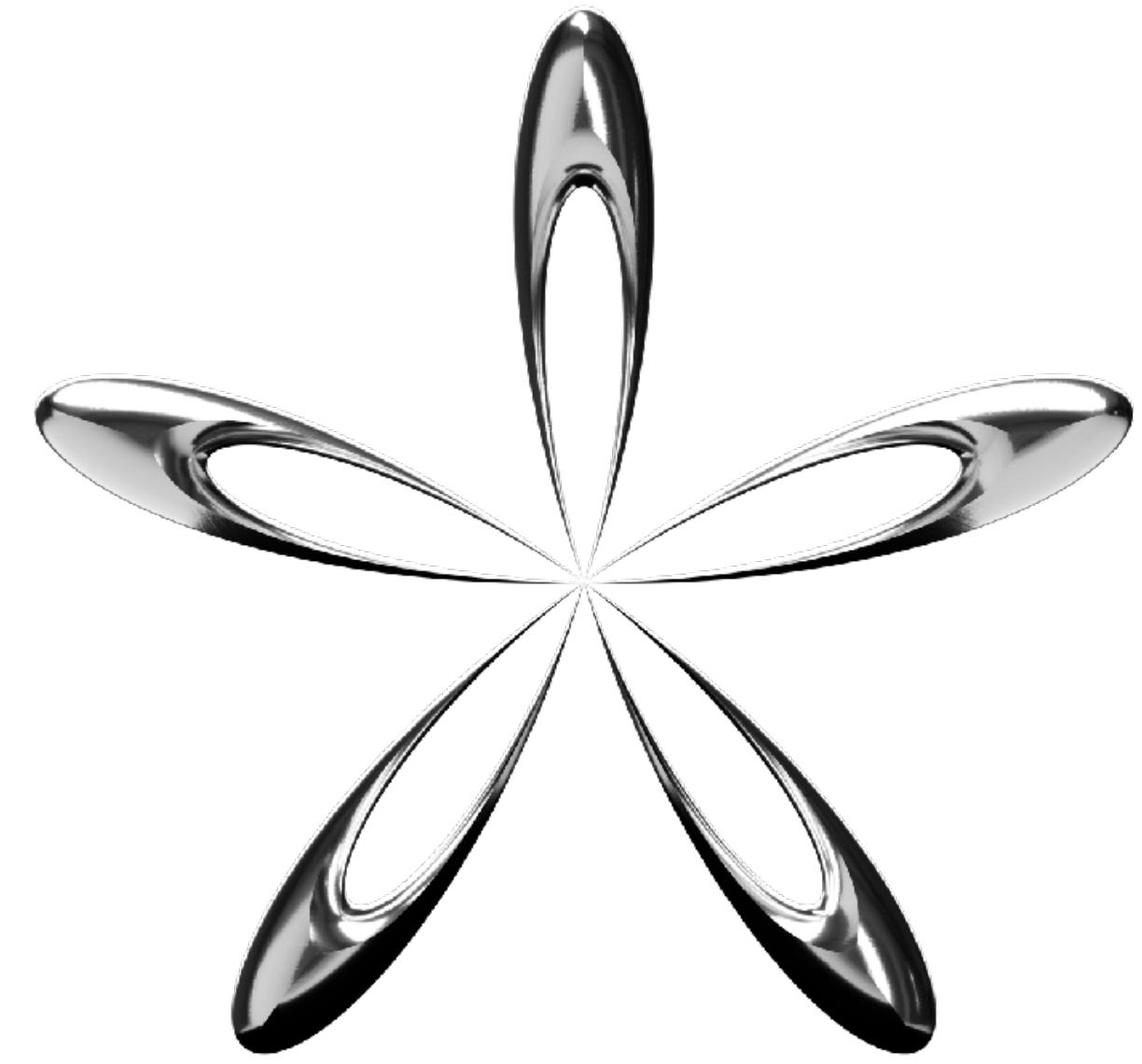
Clustering

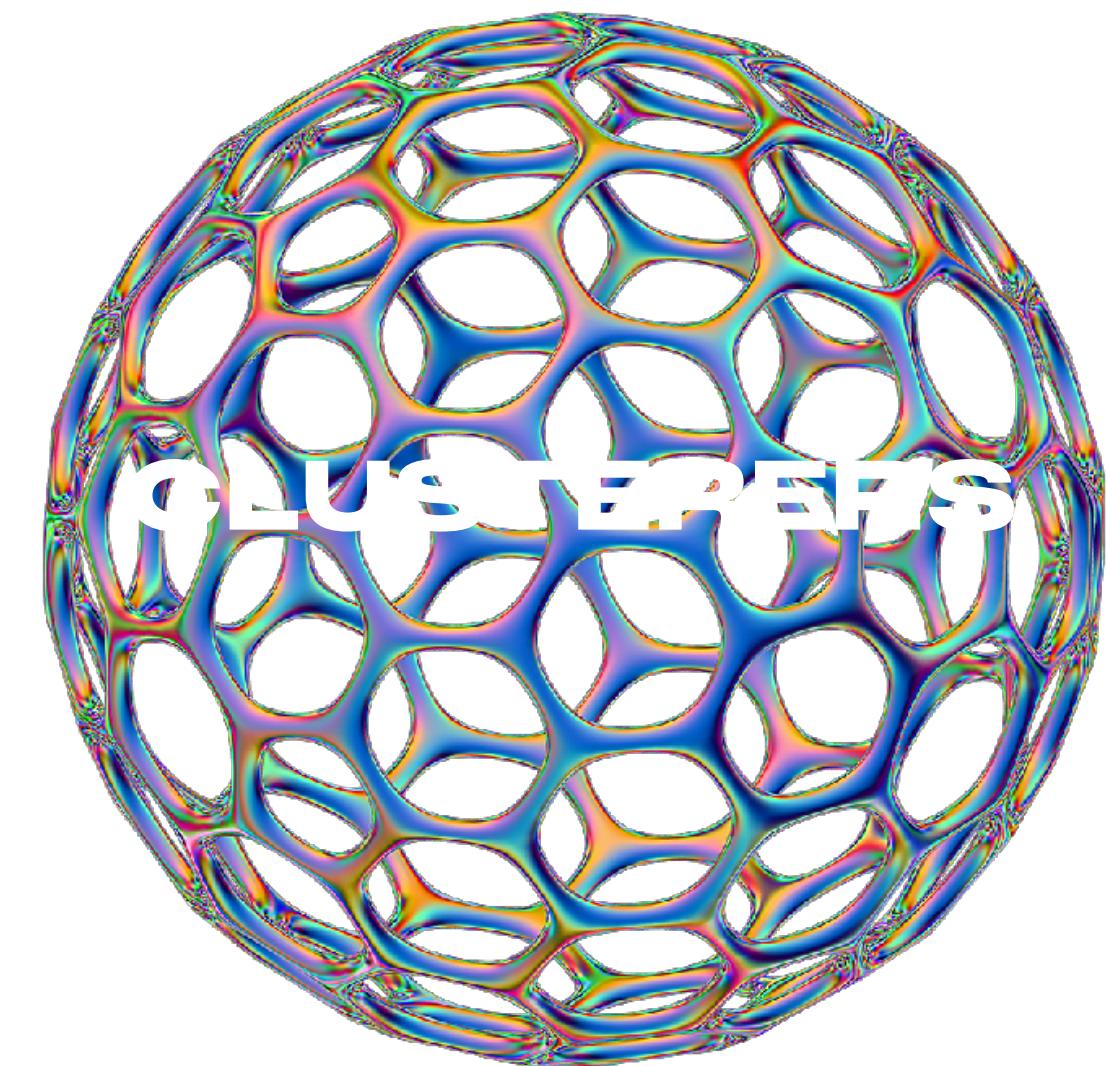
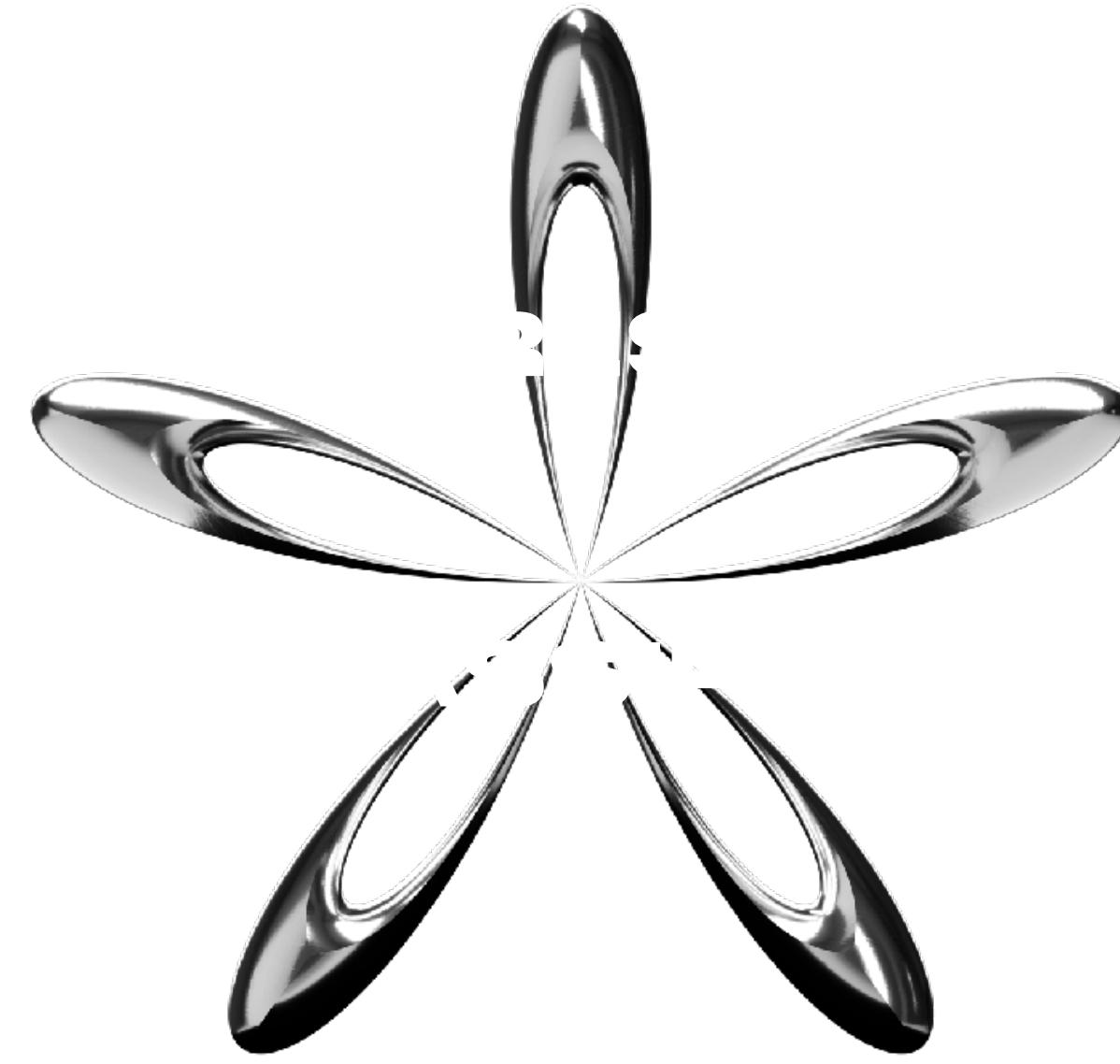


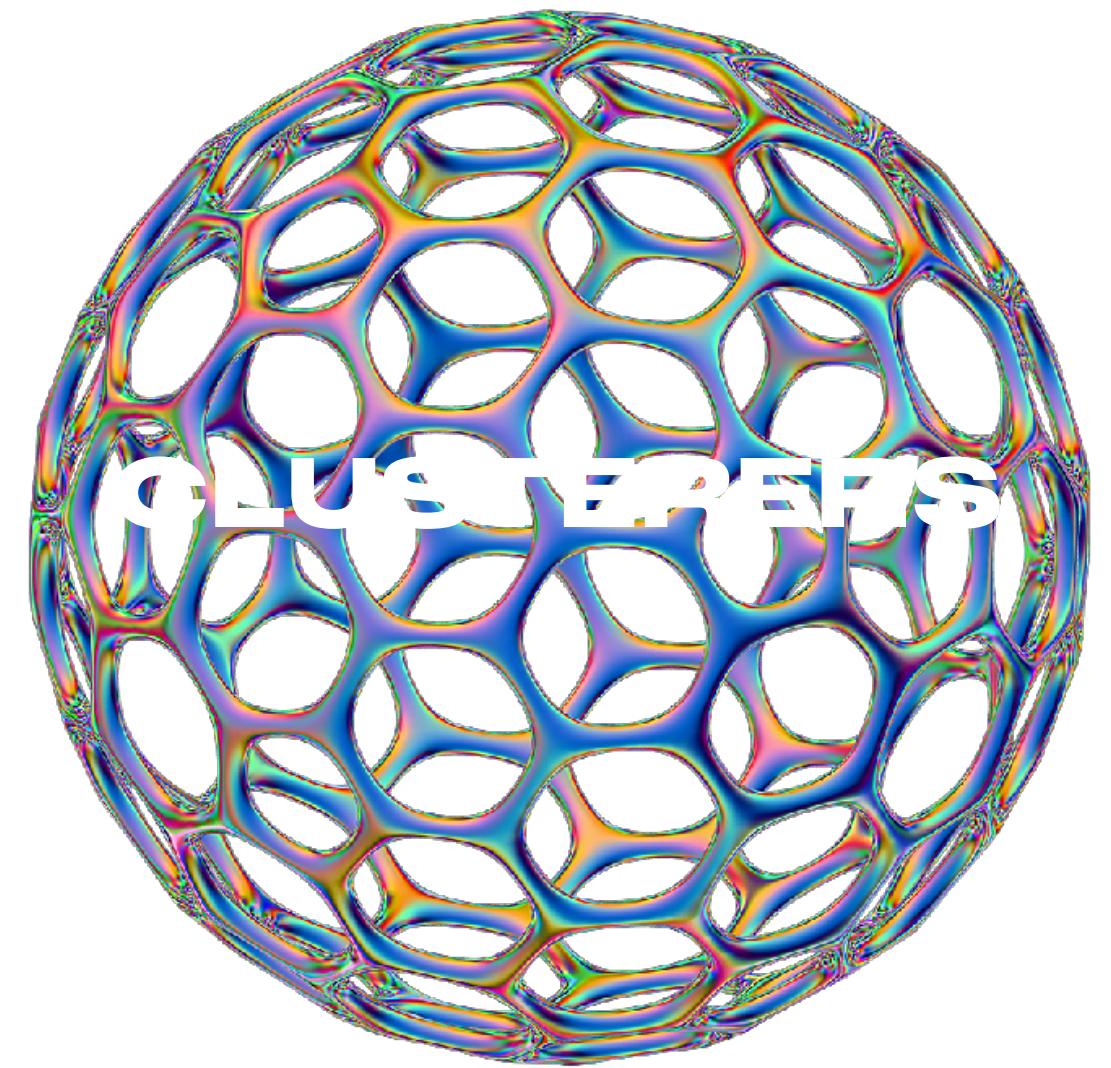
Association



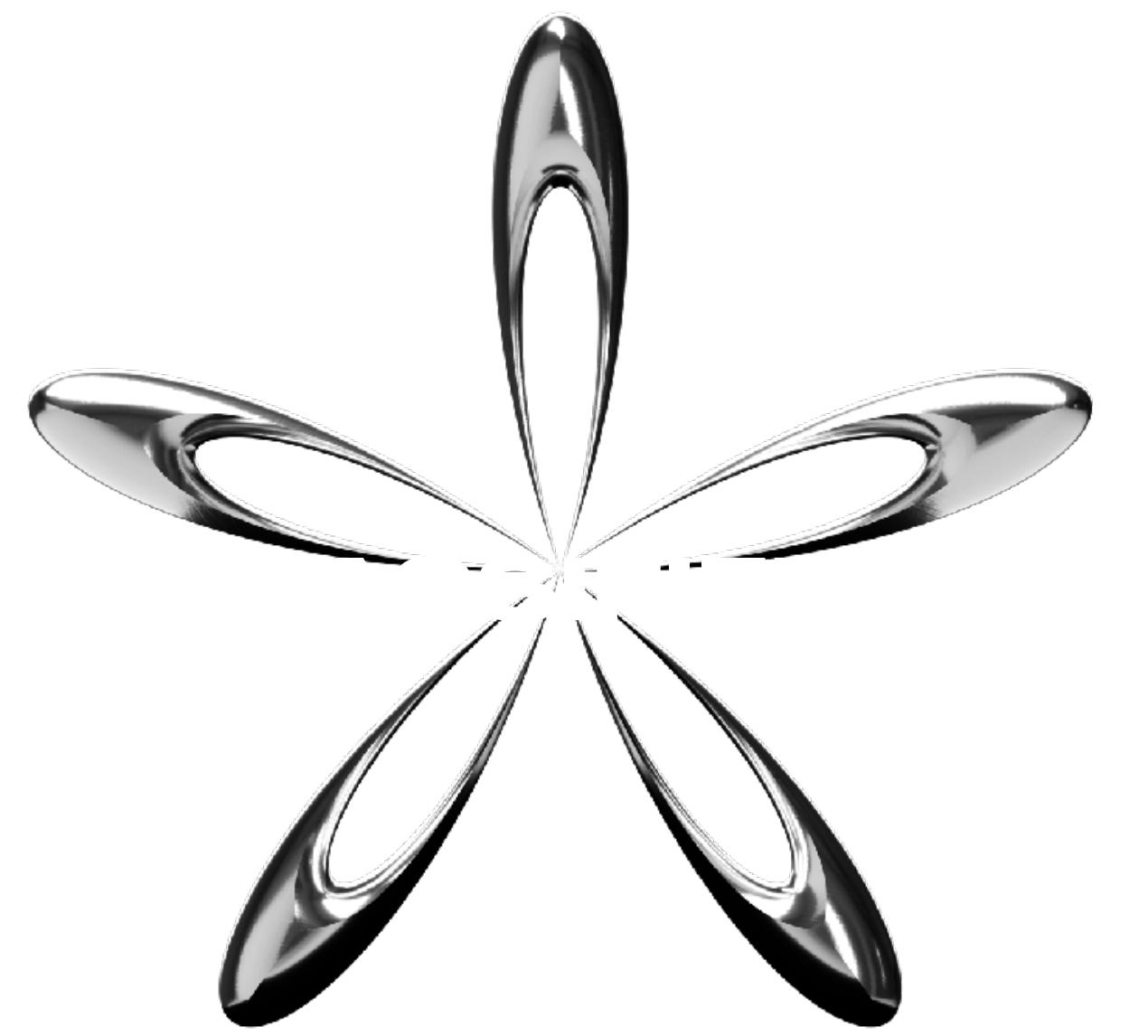


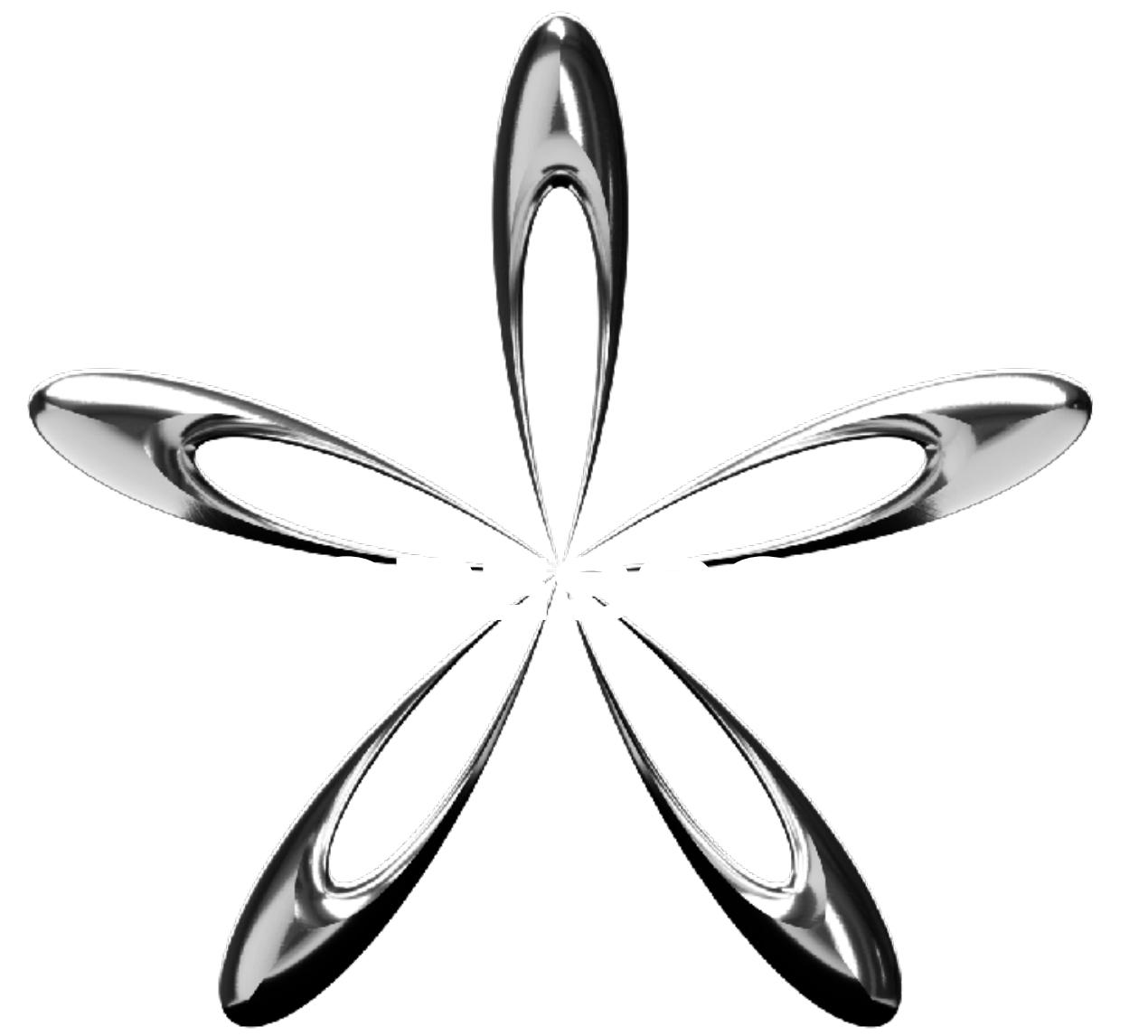






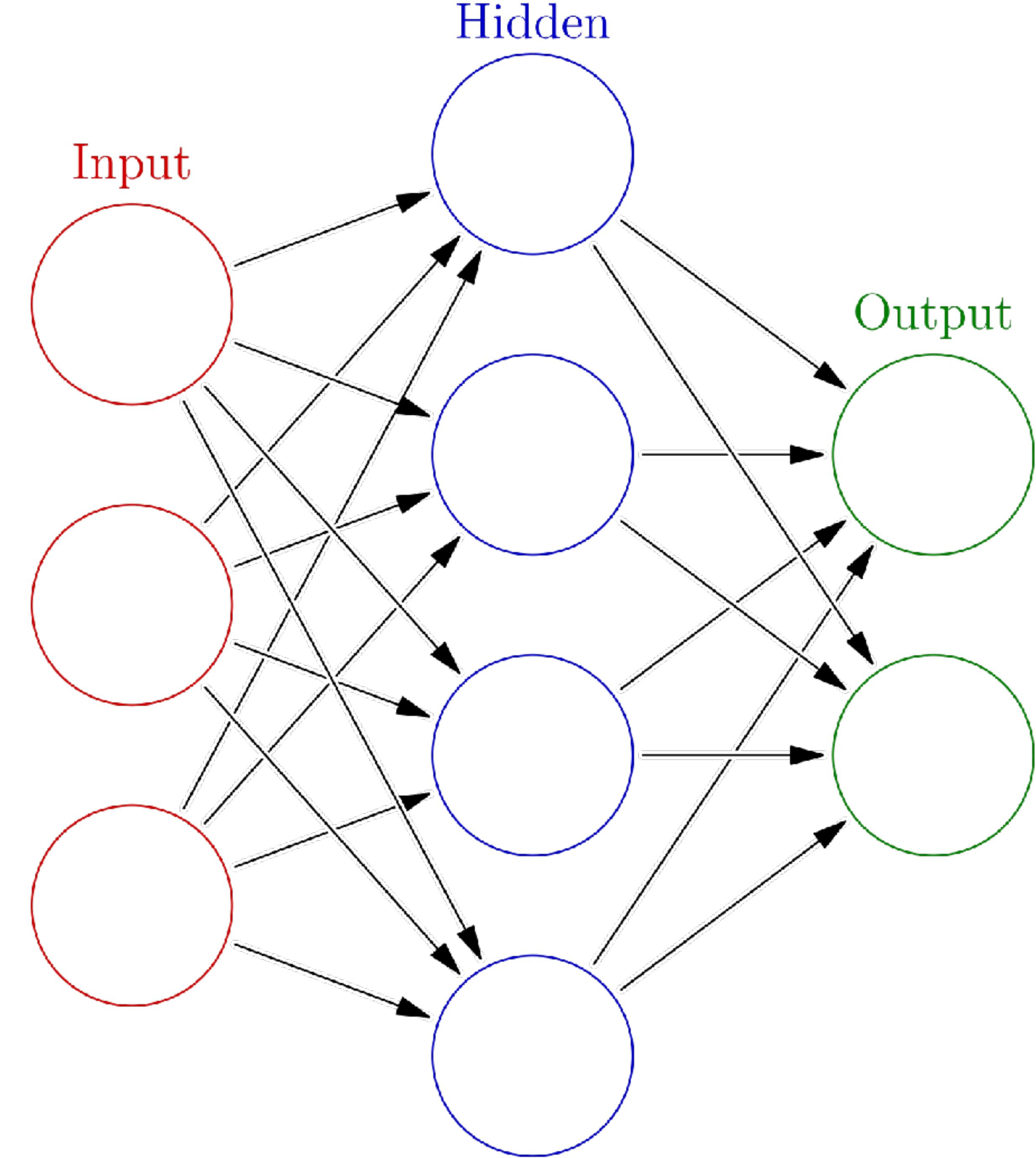
PLUS APPS







GENERATOR



HOW AI WORKS

NEURAL NETWORKS

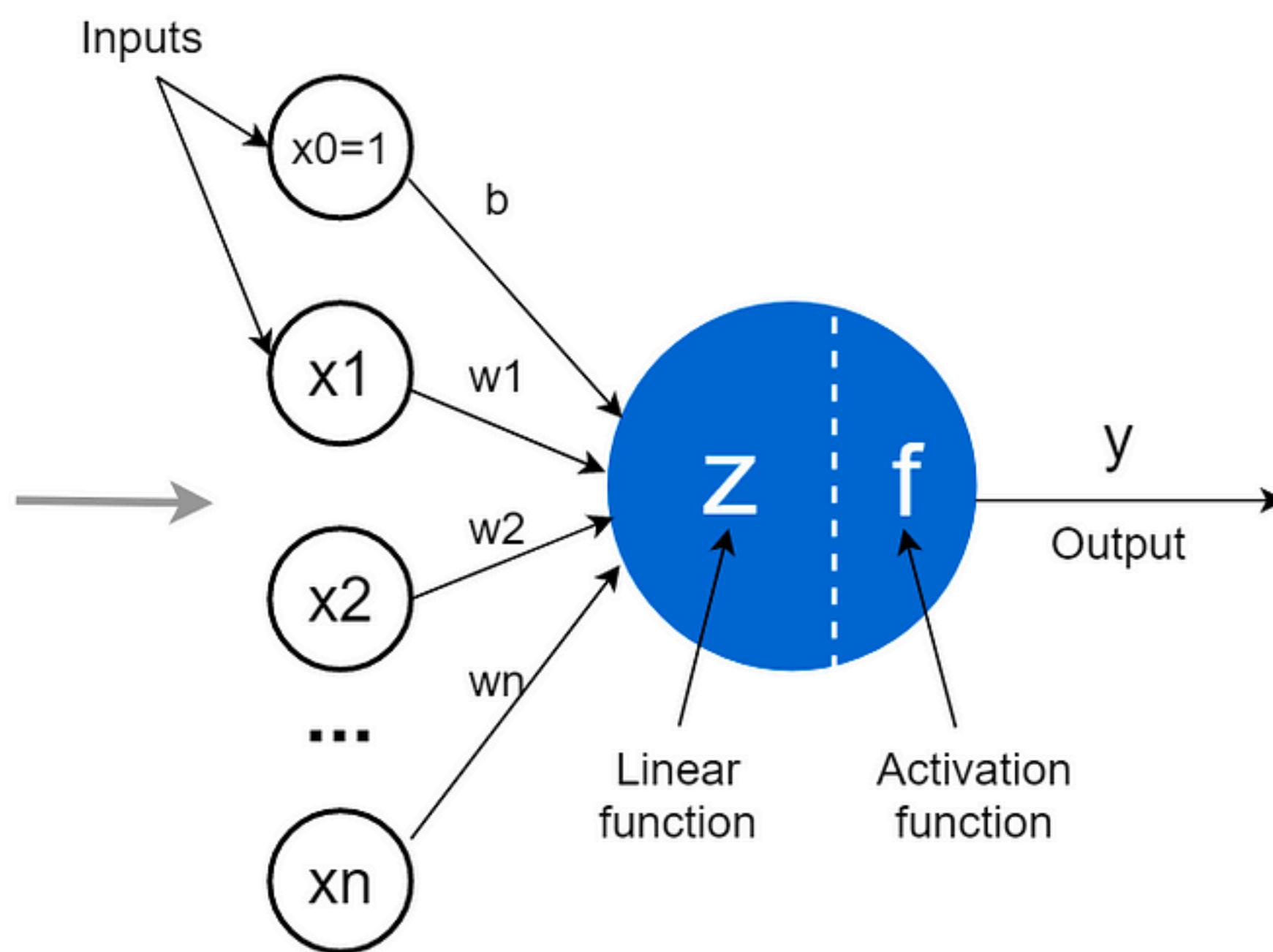
C
O
D
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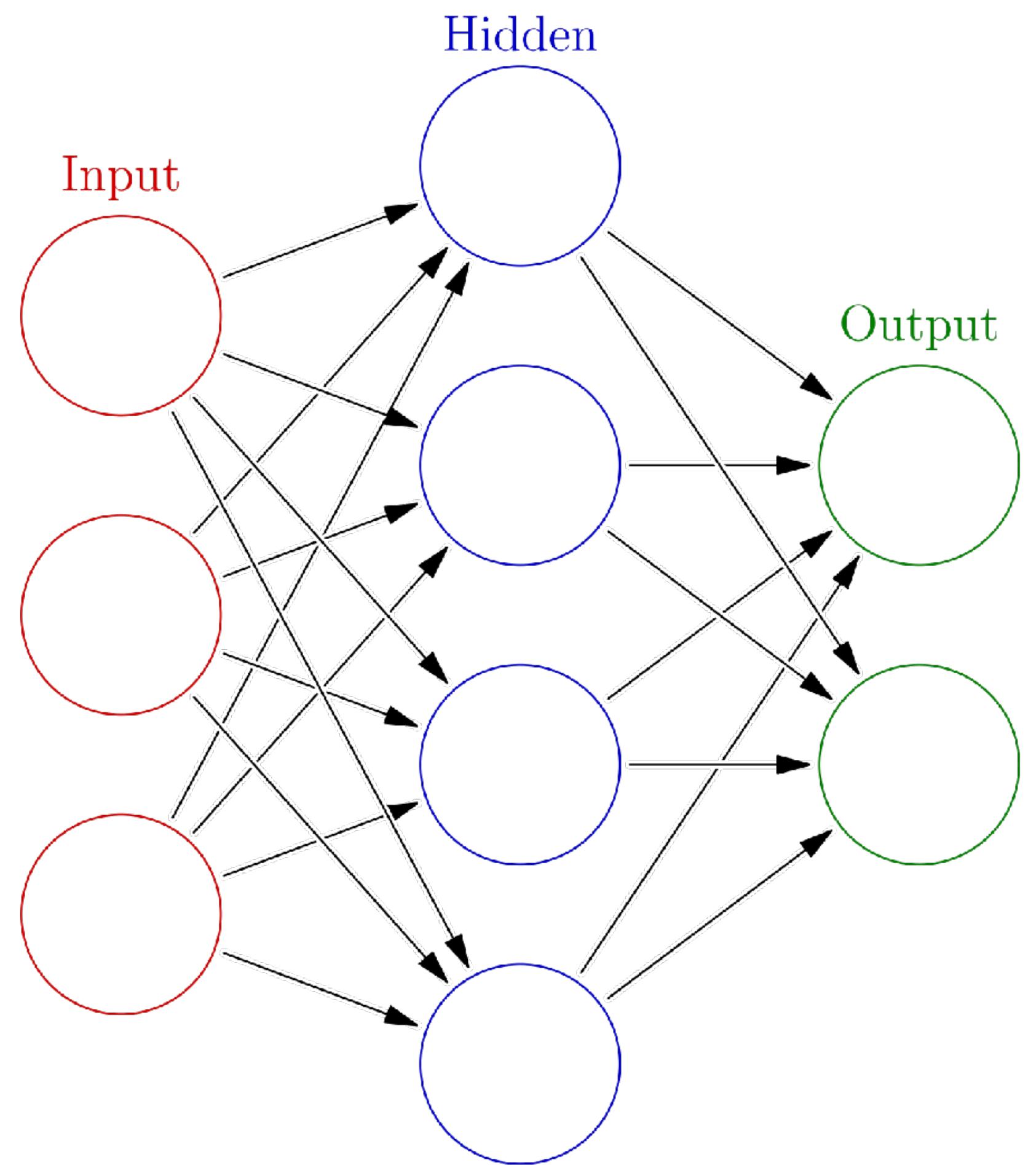


Dendrites

Axon

Nucleus





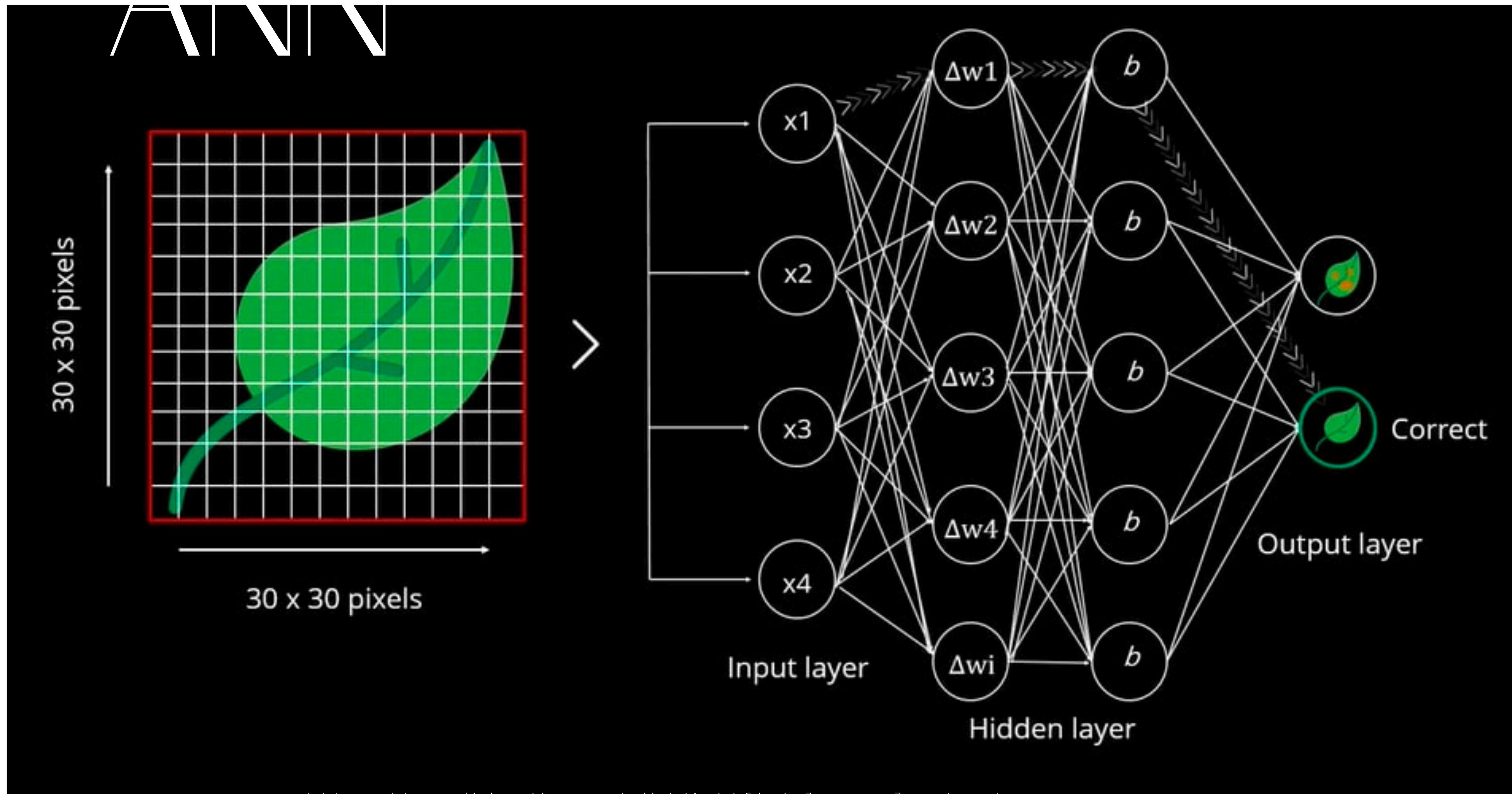
artificial neurons

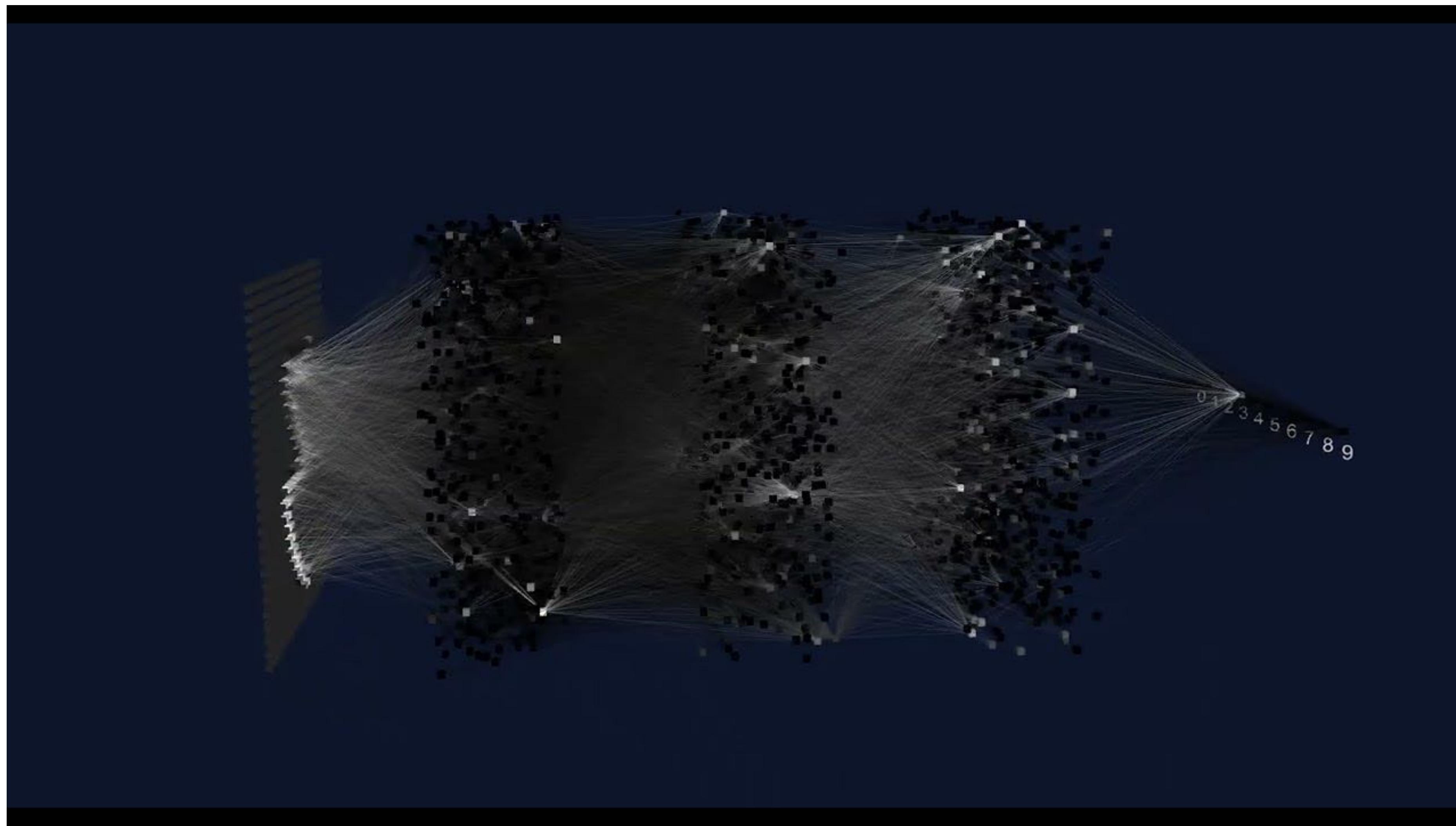
neurons

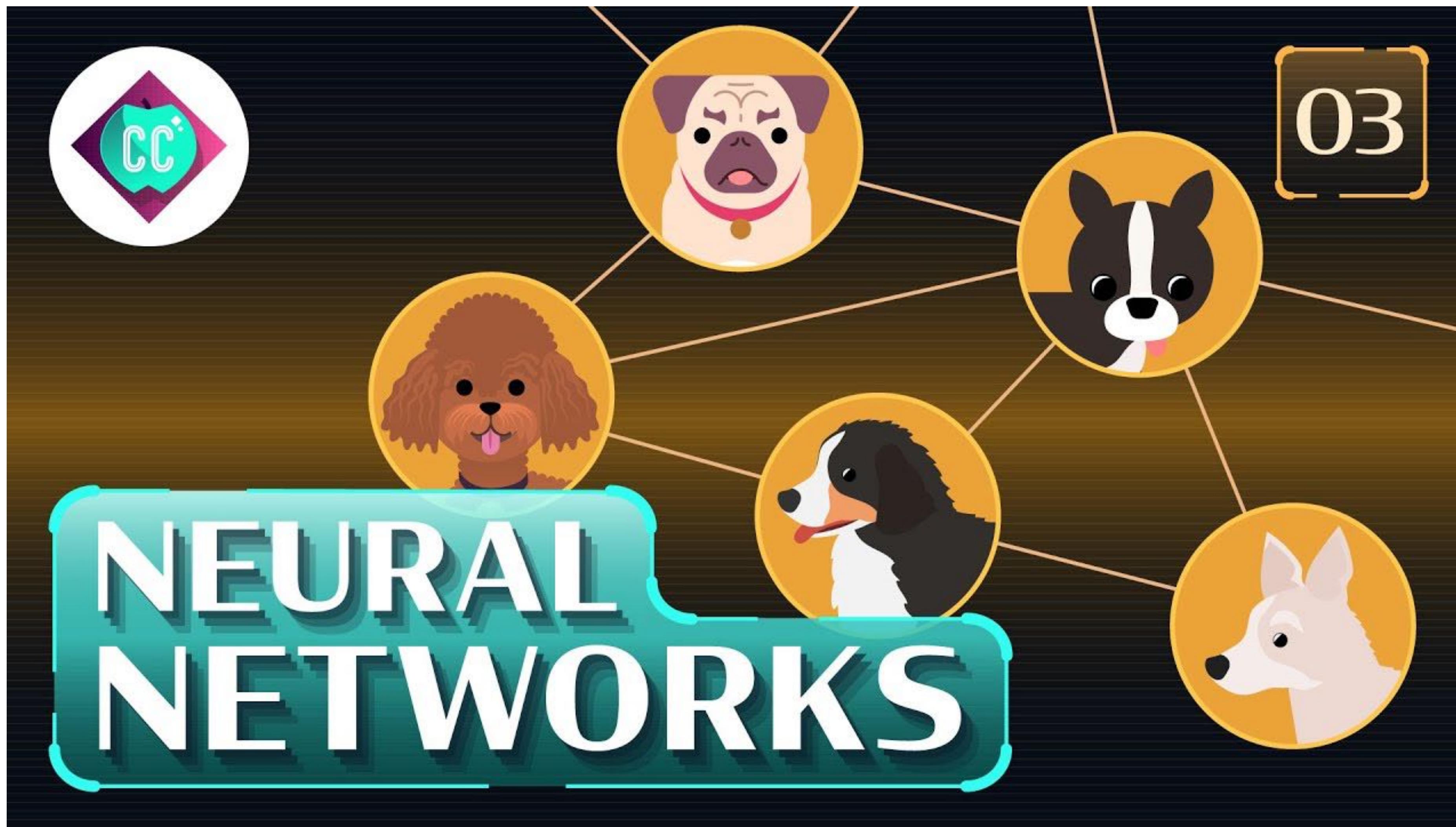
synapses

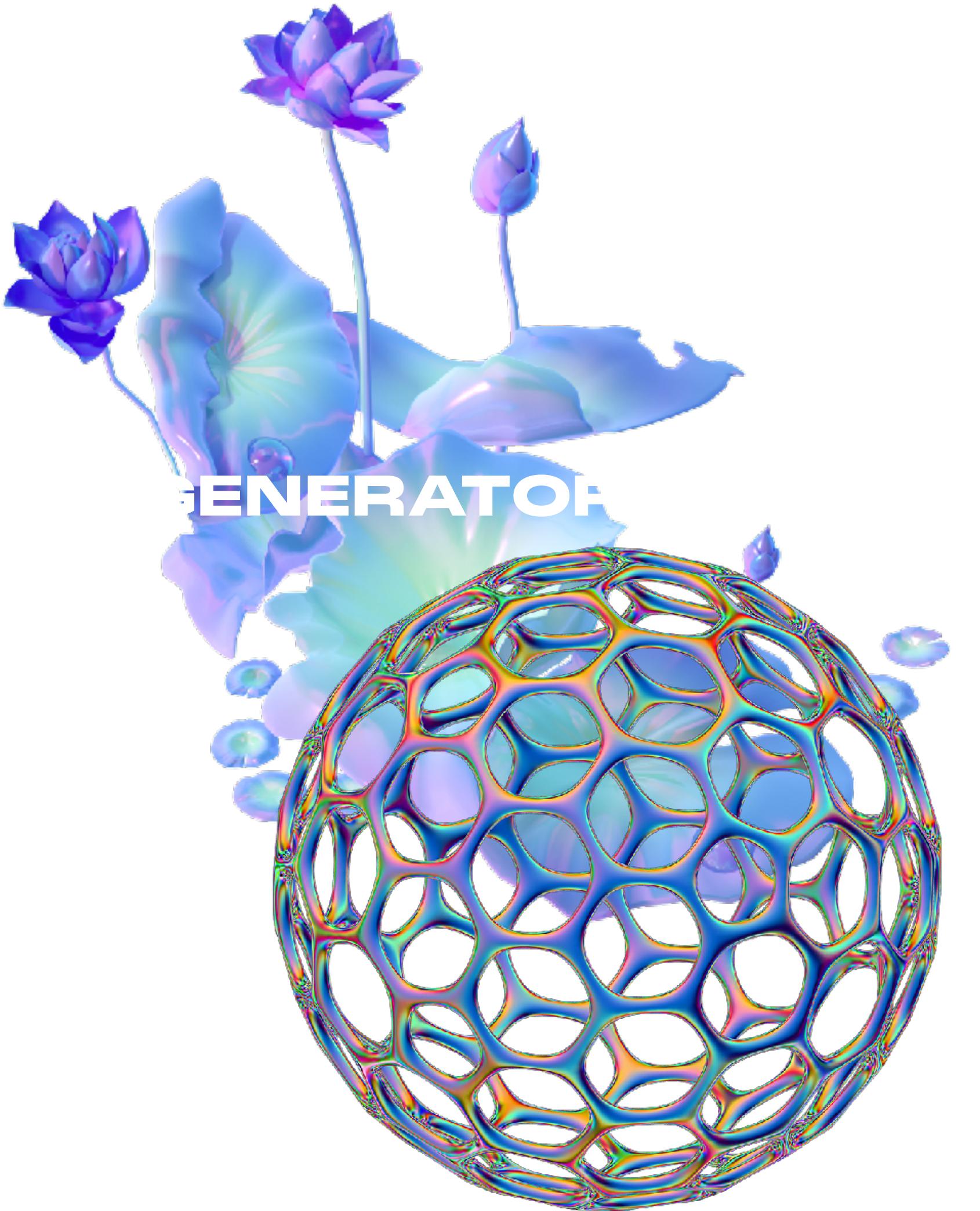
real number

weight

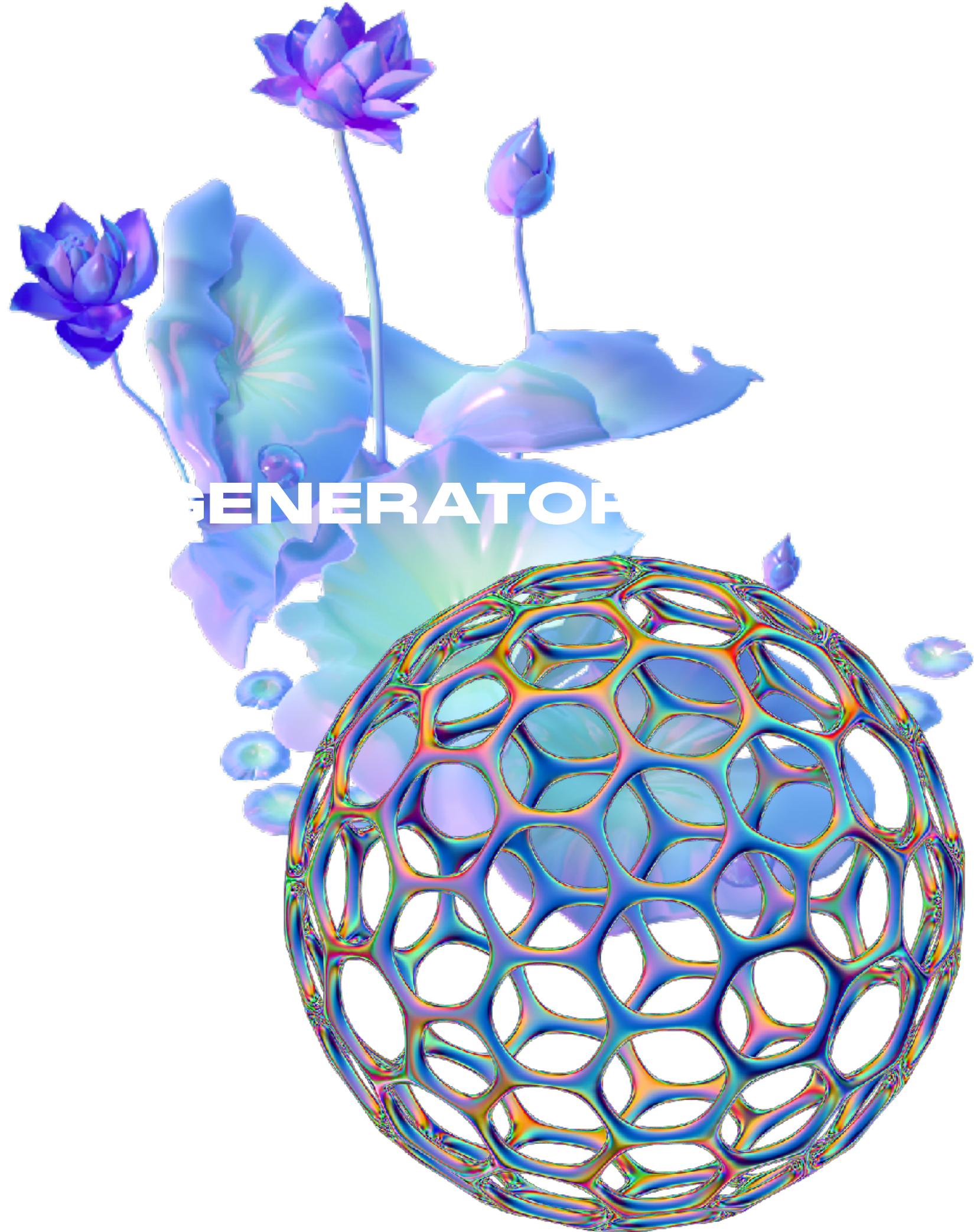








GENERATOR

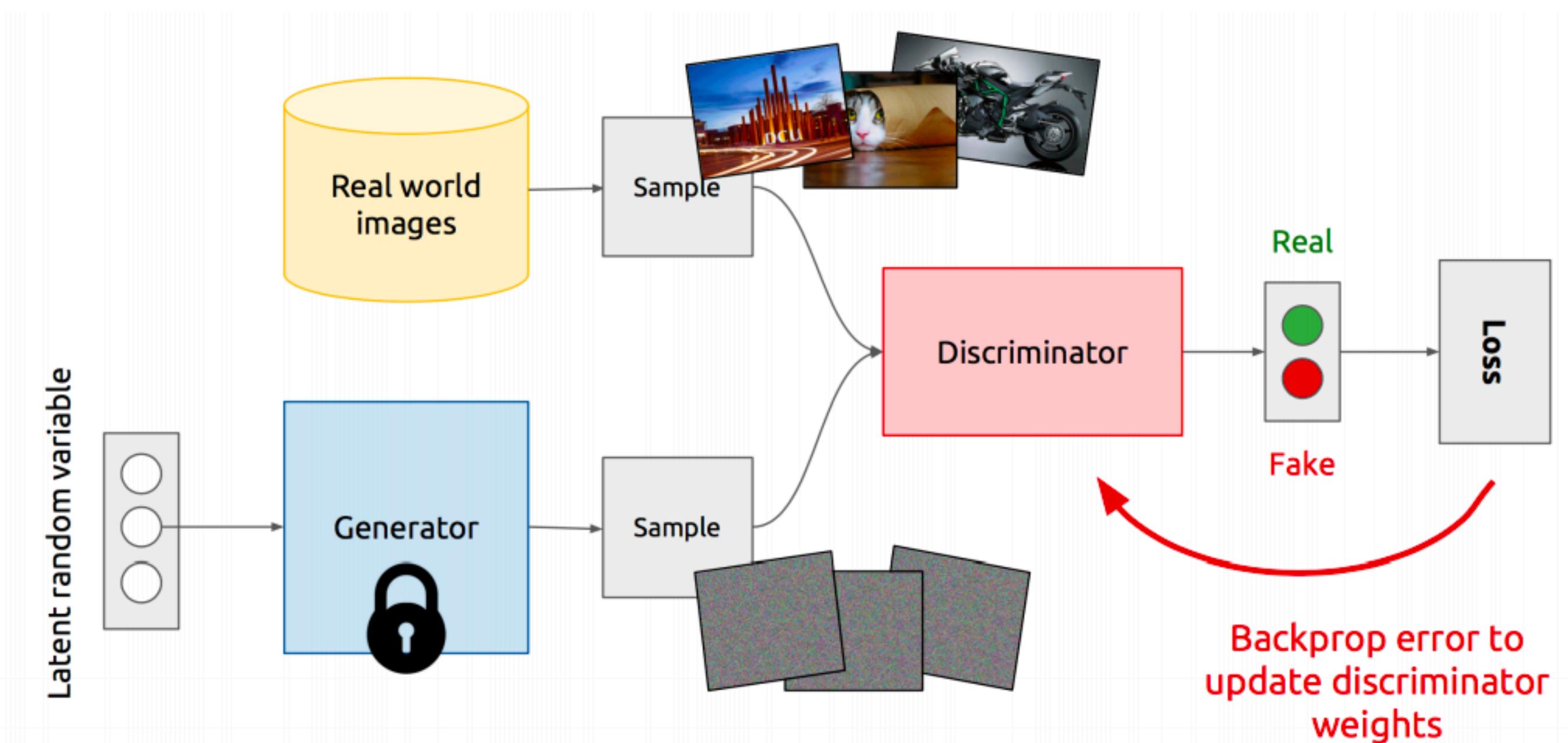
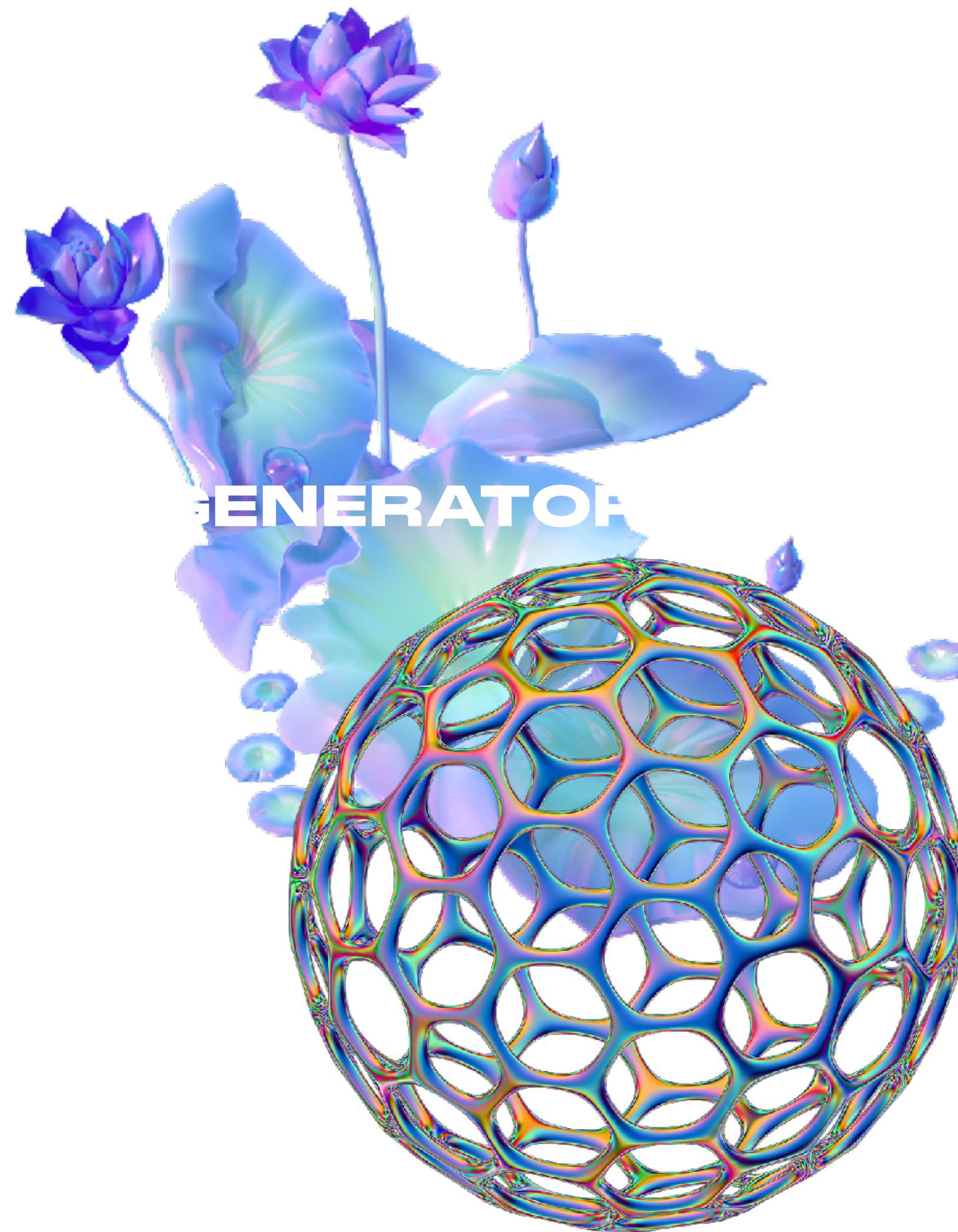


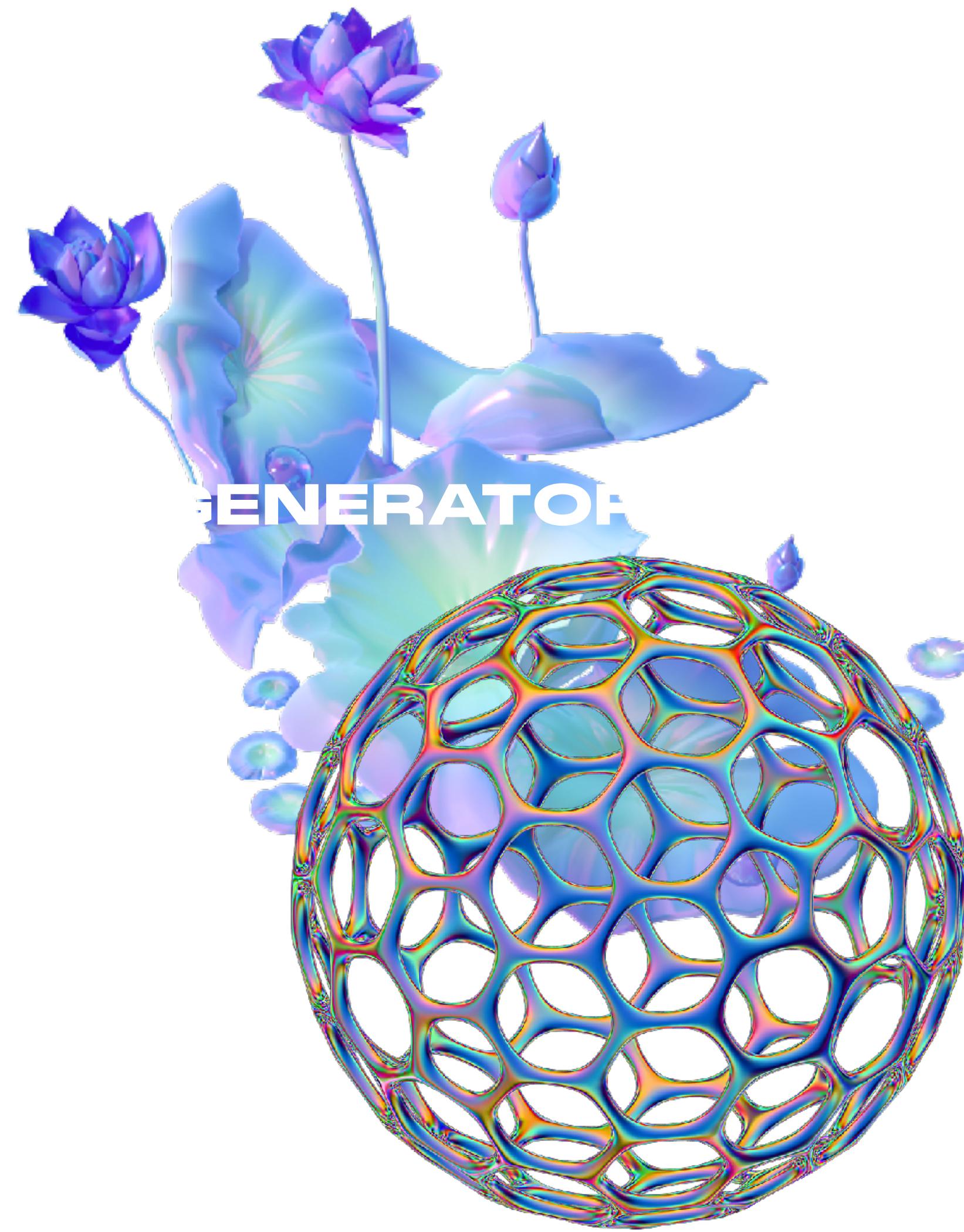
generative model
learning

semi-supervised learning^[2]
learning^[3]

unsupervised

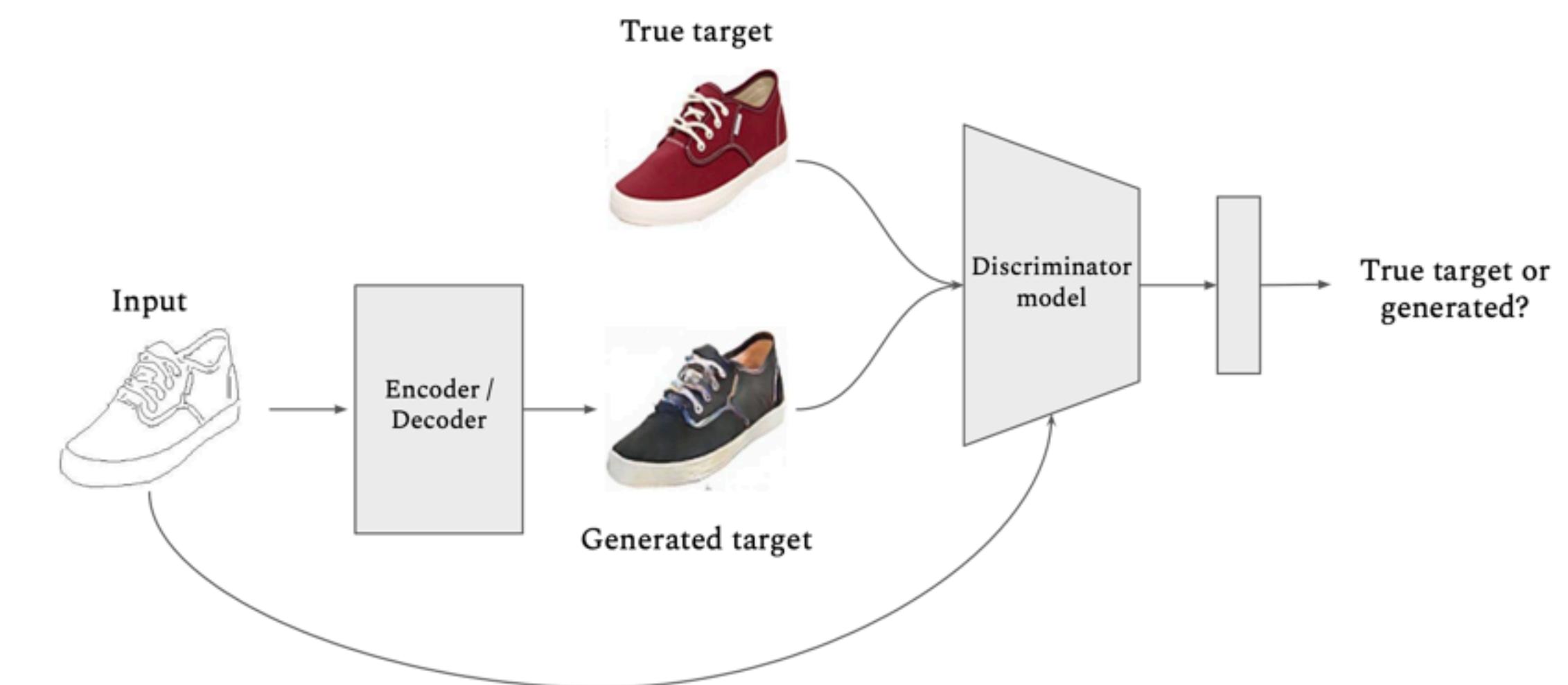
supervised
reinforcement learning^[4]





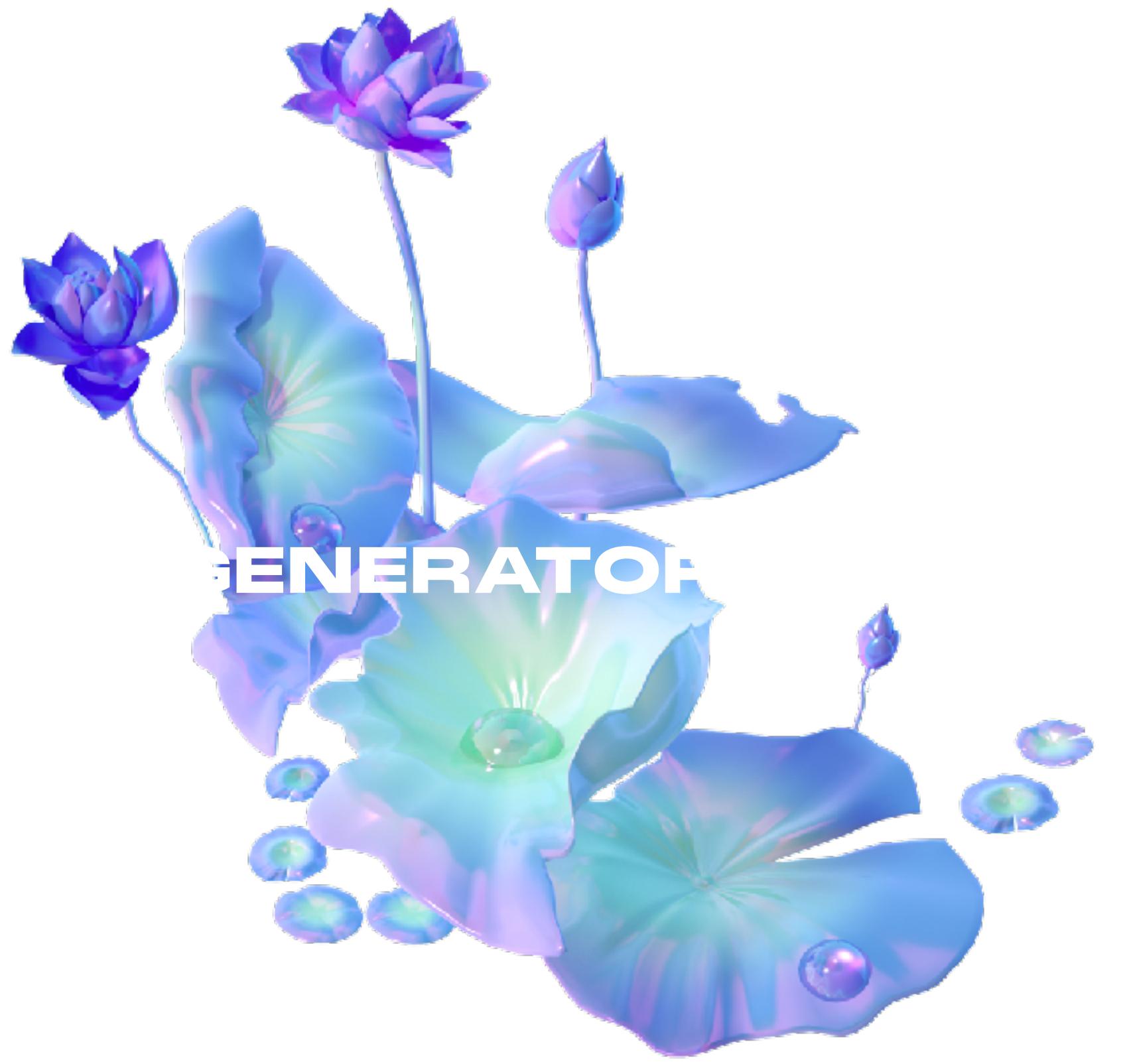
GENERATOR

Pix2Pix





HAND&CO



GENERATOR



AI + AI + AI
AI MODULE X SCREENS

TAKK!

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