Challenges

(1) System design

Cellular automata

Continuous

Discrete

1 dimensional

2 dimensional

Turing machines

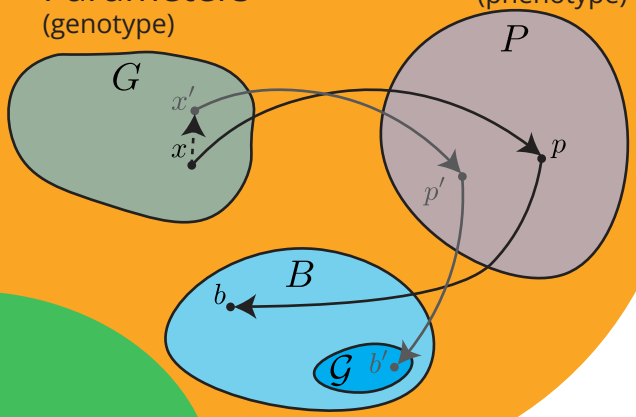
L-Systems

(...)

(2) System control

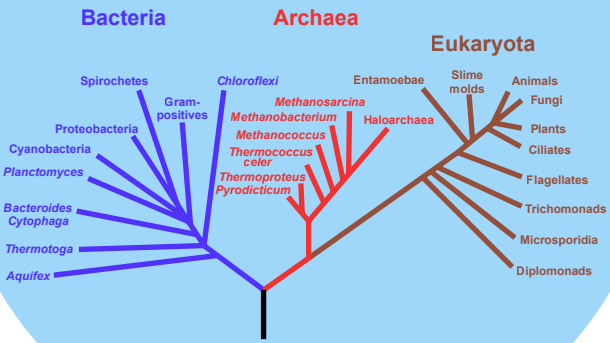
Controllable Parameters (genotype)

System properties (phenotype)



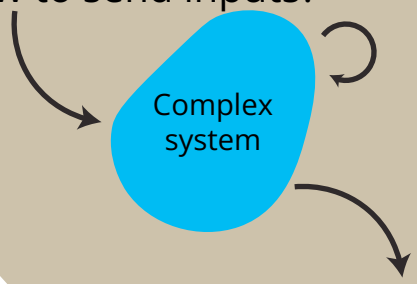
Behavior

(3) Open-ended evolution



(4) Communicate with the system

How to send inputs?



Read back outputs?