

# Impressions of decidability computability

## and predictability - inexperienced eccentric take.

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### Abstract

This essay contains illustrated -metaphors insertions, in an attempt to express better what

I'm thinking. If my thinking would have been with a mixture of experiences including

smell, i would have crafted an essay with various odors and perfumes instead.

The focus is mostly on the things that these long words seems to have in common - strings

and cycles. Without knowing precise definitions I try to make valid statements based on

various sources. At the end I conclude with an adventurous bold claim.

### Pressure for time

Predictability computability and decidability are

references to a physical ensemble containing a

conscious being and a device made by the same

conscious being or by some other conscious beings.

The conscious being want to know what to expect

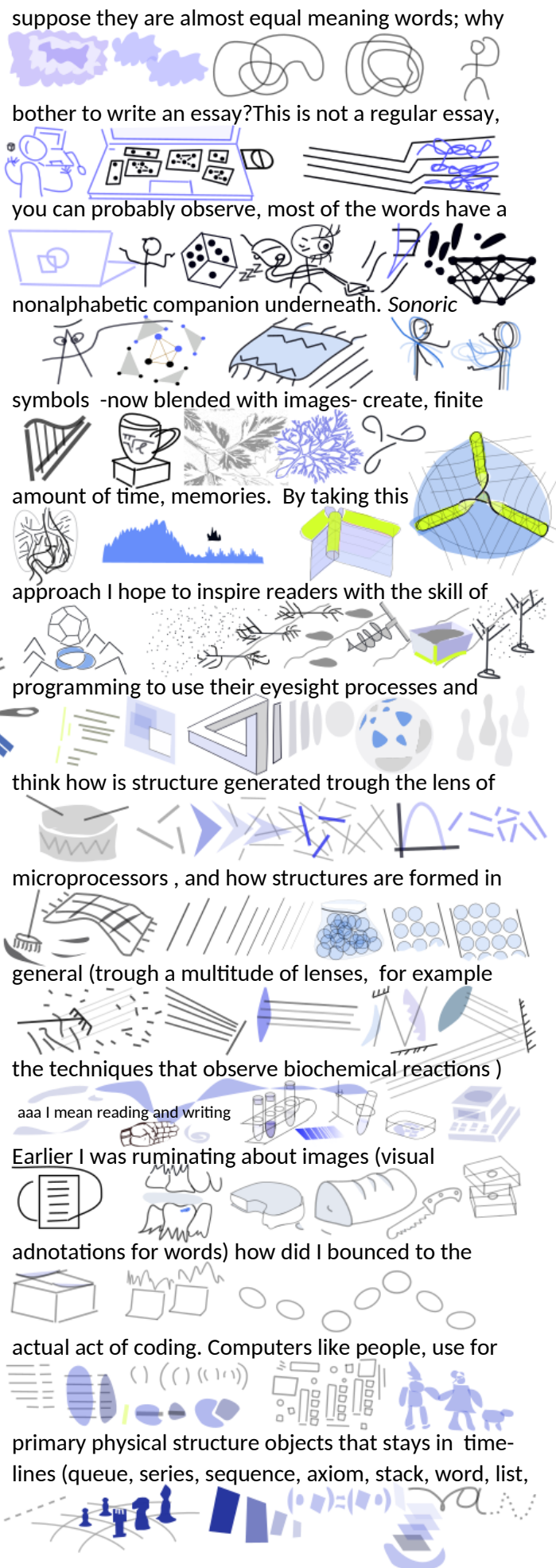
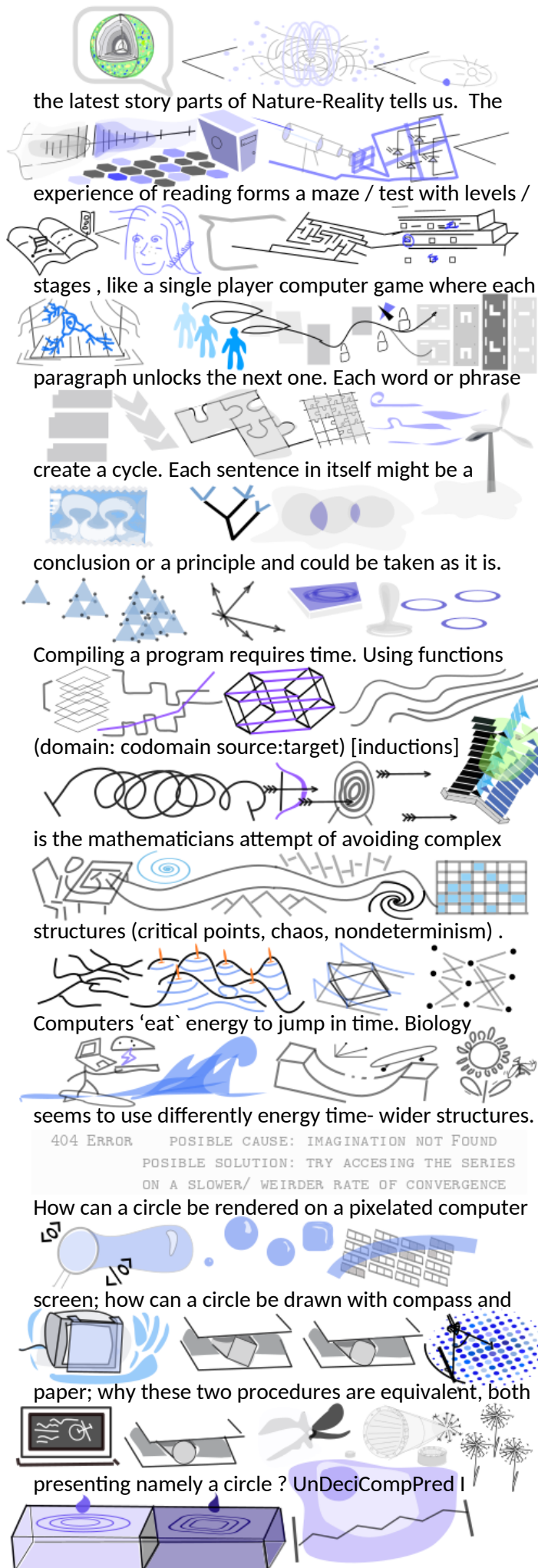
while doing some actions on de device. History tells ,

having good dictionaries of waiting times [deduction]

for various actions is one of the driving forces for the

scientific discoveries. Computer Science, seems to be







ladder, cable, string, chain, thread, wire, vector, chord, number, tape, type).

Continuum hypothesis appear to be a problem of the

same sort: one thing after the other. No room for

bifurcations and defects.

There is no abstraction Scale (?)

Order of time gives a scale of crowding, mixture,

aggregation, deposition; the more theory expand,

the higher the abstraction. Counting is a form of

feedback. If everytime I say infinity(countable or not) i

could think of a cycle (algorithm program) than I'm

'describing' with that cycle. Hiperexponention,

tetration are examples of cycles where the meaning

emerge laserlike way beyond apparent physical

realisation. What are the wanted and unwanted

cycles? Can any seven things be aggregated in a bigger

aggregation (connectivity). The writing of this essay

is posing me the same problems a programmer/

experimenter face : first I'm surveying the ideas

(english, romanian words/ images/ sensations), then

before *nu știu de ce*  
taste *deosece* *cerc* *pentru că*

after some filtering the few that remain have to be

carefully assembled into sentences. Programming with

objects - capacitor, glass bottle, diffractometer,

trillion reaction array, biosamples, comb, wind

tunnels, solar sized coffee filter, plant in a pot or

abacus, might gives better approximation not just for

'physical' phenomena also for 'theoretical' algorithms.

However scale of the components of above examples

won't react much for a computational result.

Lazy programming is the idea of taking computational

structure in the amount needed when needed ; to let

the structures reveal themselves. Nature does not

seems to do exhaustive search ; climbing only with

counting numbers and follows some other long paths.

'searching for the easy shapes/ systems of systems

concept of concept'; what kind of structure are

accessible by cycles, how useful can be the patching

(aggregation) of indecomposable shapes? Does any

graph with data in the from the physics/ chemistry

laboratory textbook hide more or less extremely

precise shapes. What if UndeciCompPred is a problem

of distances between visible and invisible what if we

are missing great amazing shapes, which require

sensibly, for example the one hundred minus seven -  
digit of e.

Maybe the filter of time hide parallel graphical

structure showing us only cycles (feedback/  
computations).

If you, the reader have enjoyed this keyword

declarative style of exemplified writing than, this is

a proof that, UndeciCompPred has a different meaning

with "automatons" that can run "images" and have



for the output, spaces, answers which are less and  
less describable by simple cycles.

## Quotes

"Geometry is not true, it is advantageous." - Henri Poincare

"The best model of a cat, is an other cat" - Norbert Wiener

"Young man, in mathematics you don't understand things. You just  
get used to them." - John Von Neuman - "The search for hard-to-very  
explanations is the origin of all progress" - David Deutsch - Ted talk  
Two billions of evolution sideways" - Mikhail Gromov - What is a  
manifold?, Clay Mathematics Institute Lecture [Category theory] does  
not itself solve hard problems in topology or algebra. It clears away  
tangled multitudes of individually trivial problems. It puts the hard  
problems in clear relief and makes their solution possible. -

<https://rs.io/why-category-theory-matters/> - "To keep this book  
compact, it was necessary to interrupt these lines firmly and often  
arbitrarily" - Marvin Minsky - Computation finite and infinite.

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