

## ~~Experiences~~ Measurements of Phenomena

- Interactions or state create experience
- Experience is in addition to the information itself.
- Information can exist without experience too.
- Experience is passive; it applies no control over outcome but not already explains or interprets.
- Experience is like measuring, with interacting.

## Assumptions

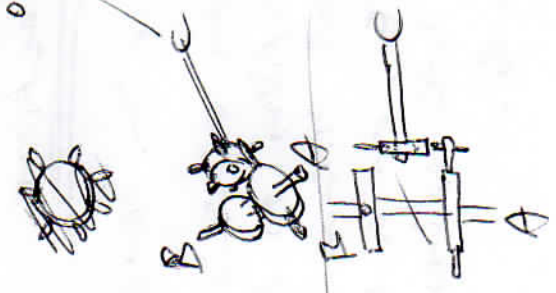
- Interactions alone are enough to focus on.
- A <sup>(complete)</sup> computer simulation of an interaction is as good as the interaction itself.
- There is nothing more to an interaction than the exchange of energies.
- The information we attribute to the state/position of a tractable entity or interaction is virtual only. The information only exists as our interpretation of that state.
- There is no fundamental difference in results whether we interact information against the interaction of the entities.

## Premises

- Cogwheel-based systems can be talked about in terms of interactions
- Like wire for neurons
- We can associate information to that state of tractable entities, or conversely to the interactions themselves.

Information from Interactions

C can move in one of three ways:  
 • zero (net)  
 • clockwise  
 • anticlockwise

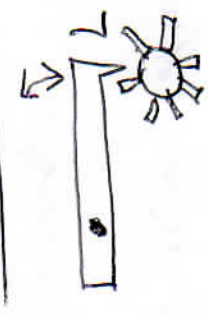


Depends on the correlation of A & B's directions.

But it does not ~~depend~~ depend on the state of A or B independently.

Thus we can attribute information to the interaction of A & B's ~~states~~ properties.

Information from Entitie



we can attribute information to the state of L.

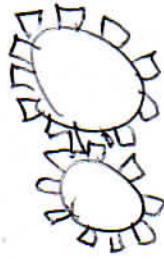
This is almost proof that information does not exist except as by interpretation.

# Emergence

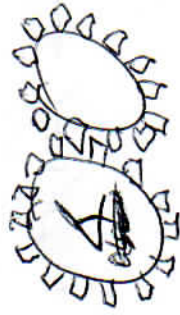
Simple + complex processes  $\Rightarrow$  complex behaviour

Evolution  
Simple + complex processes  $\Rightarrow$  complex thinking

Observer



no.



Both are presumably passive, but in a conscious experience it appears that the observer somehow emerges from the mechanism.

Experience is a concept

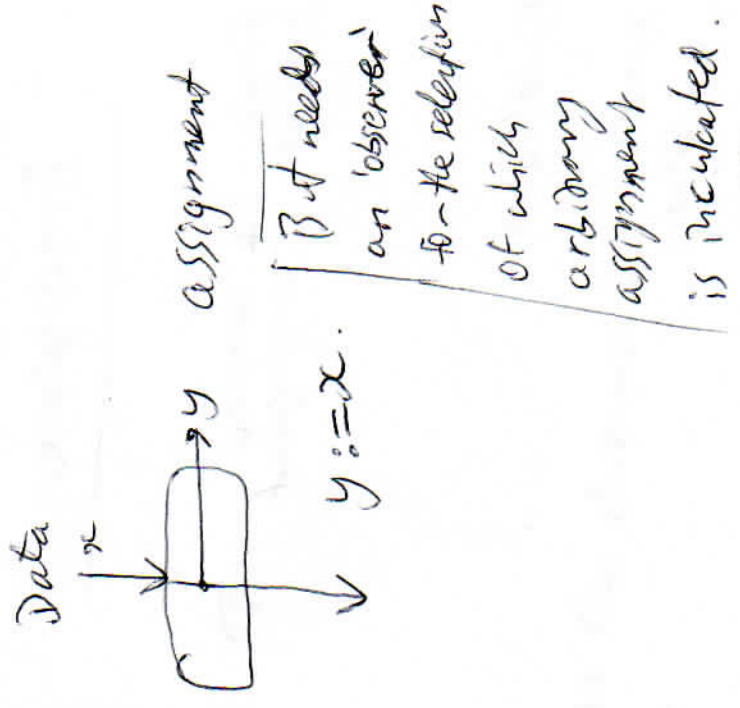
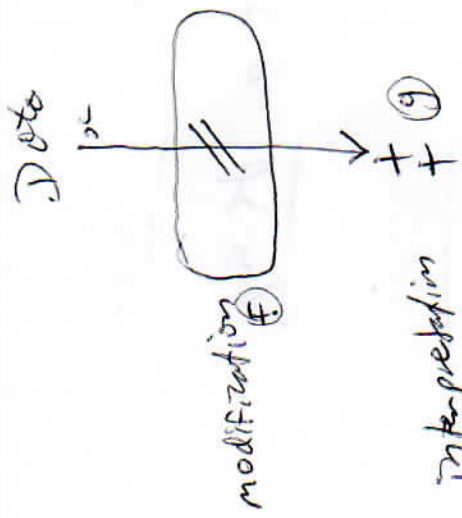
The observer is a thing

Experience as First Order

The observer as First Order

Phenomenon of Experience is exemplified by an observer being part of the process, rather than as a third-person.

Phen



$g(f(x))$  (computation) (execution)

memory gives together the chain, to form a coherent sequence.

Needs an observer.

Can the observer be merged into the system itself?

What is an observer?

if  $x' = g(f(x))$ , then  $g(f(x))$  is indistinguishable from  $x' @ O$

so why do I think I am distinguishing the differences?

Needs an observer

The observer is not passive.

The observer modifies the data, and the data reflects that it is being observed.

otherwise there is no way for the data cycle to be taken over making about the hard problem of consciousness.

In short, ~~it's~~ an active observer, there is no meta-problem of consciousness.

So, the observer is not separate, probably so.

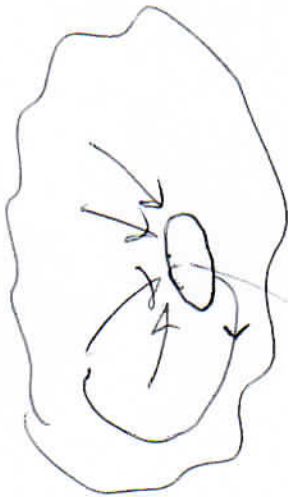
The observer is ~~not~~ active, but how much?  
could be anywhere on continuum:

min  
↑  
Only sets data  
flag:  
observed = true.  
(or equivalent)

max  
↑  
observer is  
emergent from  
~~at~~ all of brain.  
& thus there is  
no separation between  
the two.

### 3 Possibilities.

#### Centralised Materialistic



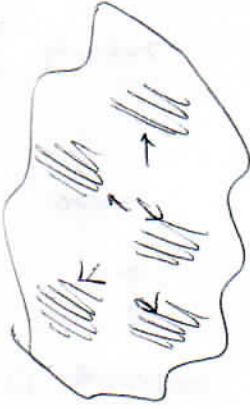
The observer

• Totaly fails to explain mechanism.

• some fruits:

- defined some ~~mechanisms~~
- not possible.
  - ↳ but level unknown.

#### Decentralised Materialistic



• The observer is emergent behaviour.

• more consistent with split-brain subjects.

• But doesn't explain mechanism.

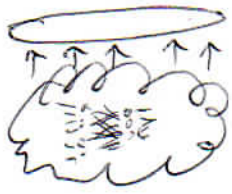
#### Spiritualistic Imagery

AA



Only the observer exists. The rest is imagined.

# (Virtual?) Interpretative Layer



some kind of (virtual?) interpretative layer. Experience totally limited to this domain.

physical biology is neural network. These are chaotic, disorganized, and extremely low level. We are totally unaware of the arrangement of this level from our experience.

Smooth.

Jagged Edges.

Q: Is there something in this that can help us clarify what creates experience?

- with my eyes closed, I can feel all parts of my body as one. I can feel my body position, shape. The feeling is simple, consistent.
- This model is far removed from any low level sense, as it is more of an aggregate of many ~~pieces~~ pieces of information.
- I don't feel the "jagged edges" of the neural network.