BCS = "I tend to talk about footnotes"
Anthropomorphism → cars' headlights
what does it mean for machines to have minds

~ Nim Chimskin

Bill Seager → Princess to Descartes: how does $\psi \Rightarrow \varphi$
Descartes: good (best!) quest. it is a
'primitive' fact —
→ pineal gland is not dual like
symmetry of brain —

Descartes:
hydrolics of the
brain: fluiden larges
cannals → synaptic
weights

intentionality : to be about snthg

pb formula° : mu

S syntactic domain $\{$
I semantic interpret. $\}$
D semantic domain $\{$

semantic
entailment
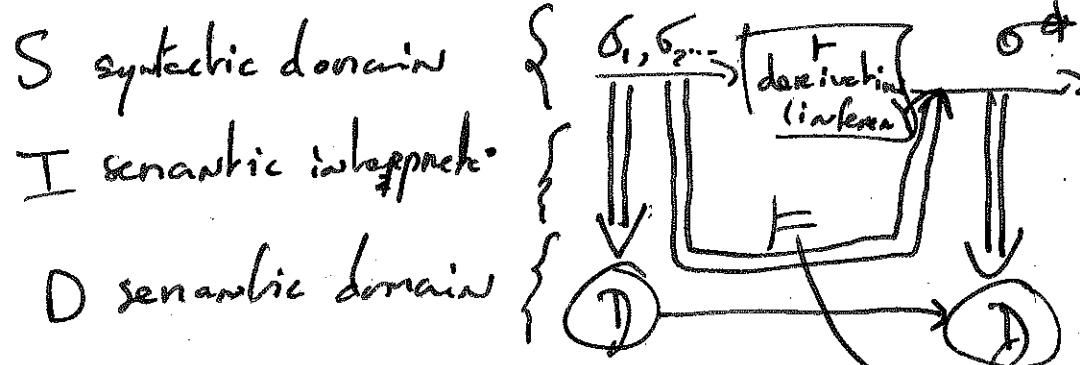
Skolen was saying that
since we can get models working in count. (vs) uncount
dom. acting as maps, then human brain can go
beyond logic —

"I'm going to allow it"

Bill Seager: I love conceptual realism VAT

"jar, tub"

— original meaning (beyond formal semantics):
~~antidentysical~~ multi apt self organising map—

epigenetics   formal symbol pushing (cannot afford | flexible Repre
                                                            | introspection
LOTH: [productivity | adaptive mechanisms
        systematicity   (atomism Stolism)

Weds 2:30 - 3:30   OH Bill Seager

e.g.

AI for chess playing:
- prog is taking out blue
  queen early, but no
  such subroutine:
     emergent effect ?
  Co patterns in consequences

TUE ⟶ COG401 - proposal
THU ⟶ PHL342 - essay
FRI ⟶ PSY270 - essay prop
WED ⟶ COGS - neuroecon papers
FRI ⟶ CSC 373 - assignment
FRI ⟶ CSC 463 - catch up!
THU ⟶ SAM - need proofs

Bill Seager: in   vs scale   upper lvl

                                          lower lvl
                           Hm Cmp
                         multi realizability
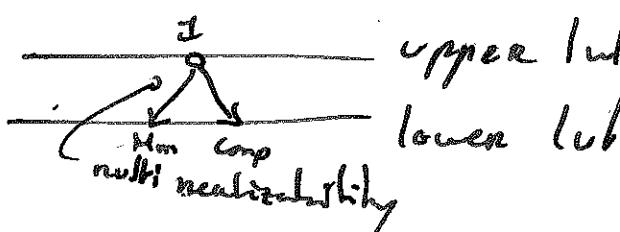
e.g. PV = mRT
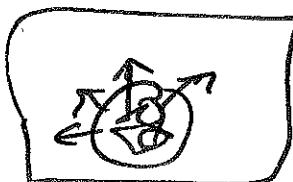
                  emerging   modeling
                  modeling   ↕
                  prop   (emergence)

                                              Thermodynamics:
                                              1. can't win
                                              2. can't break even
                                              3. can't not play

all particles can go in every
direc (2nd law) but   Soap bubble wants for
it is possible for them to go back: 2nd law is thus probabilistic

~~Training~~ ~~address~~

Bill Seager:

parallelism → 2 worlds (Leibniz)

→ infinite world (micro)
⇒ infinite precision
⇒ inf. computability

occasionalism → god is responsible for cause→effect

epistemic nominalism → ?

idealism → ∀ world is system of mental states

materialism → opposite view↑

→ behaviourism: only behaviour ∃

introspection: system of concepts allowing formn of prop. attitude —

→ introspective conscious mental state is prop. attitude —

prop attitude ~~ser~~ = mental state → folk ψ

folk ψ can predict beh well, but not ~~pred~~ ontol. accurate

empirical : child before ψ & folk psy is not learned:

o belief = smarties→rocks, kid: there's rocks, parent comes
what do you think parent believes kid: rocks.

• desire = same : kid thinks parent wants teddy bear
instead of book

⇒ after ψ, folk ψ/basics ~~are~~ learned and kids can now
predict beh more accurately —

unexpressible thoughts like sensory exp → 'atmospheres'
↳ mind sight

LOTH is a formal language

Fodor: Chomsky's arg ⇒ ∃ LOTH

Morpheme → smallest unit of meaning

For games: trivial or futile — blue to win.
if everyone plays correctly, draw —

ORiginal meaning pb (by Haugeland): interpreted automatic
formal system —

Fregen → have to add sens : (Fred bel.) [P.M in Asia]

analytic truth : bachelors aren't married | P.M = S.H ≠ Fred's KB
Synthetic truth : X is a bachelor | so substitution cannot be done
| without
→ conceptual atomism?

Realm of
symbols

tautology
wr.t.
core of KB
(vs fringe)   ~periphery

meanings

reference

$\sqrt{16}$ 2^2 4
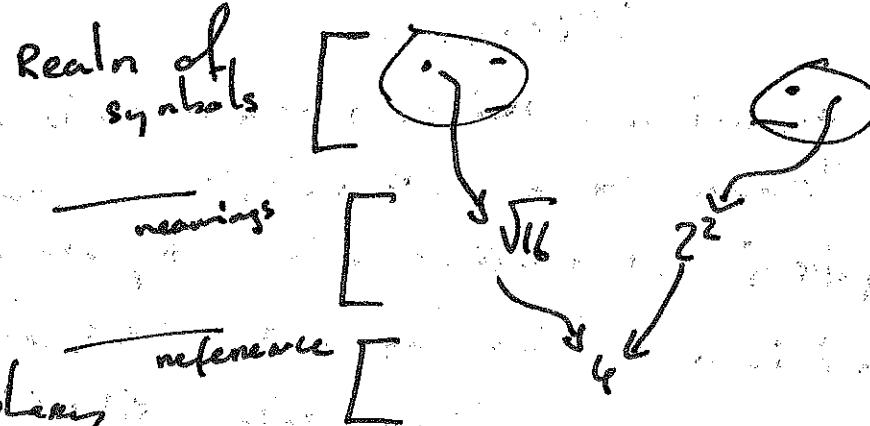
nonexistant objects   no s∉∉∉ subsiste in meaning (not reference)

Chinese Room (Searle) ——(vs)Turing Test
→ No original intention (strong AI) but derived
intentionality (weak AI)

Searle
didn't
actually
prove
that the
noom doesn't
understand

⟹ multiple realizability of automatic formal sys
breaks down → only certain systems can
afford causal props neces: for emergence of
original intentionality.

!!'s physical
is theory
neutral