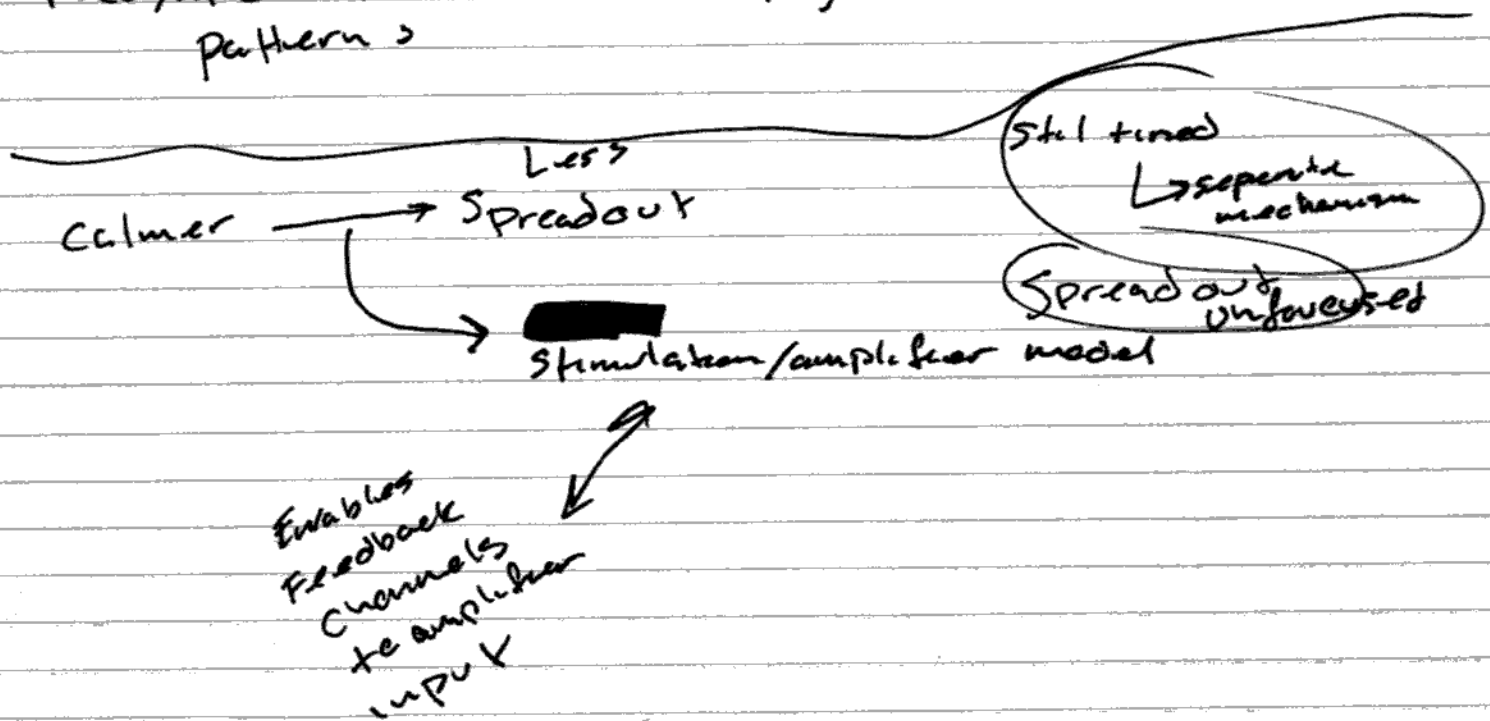


Working memory set - construction - linking - slow

Function of Brain - try out scenarios in head  
- Predict

Recognize → react  
Pattern → try out



Stream of Consciousness

working set of stimulus + forward predictions/ideas  
focus as feedback mechanism

↑ stimulus makes this work properly

working set of classifiers that travel  
with stream of consciousness and can  
be bound to elements of situation

slow to LTM memory??

## Increased ability to fire

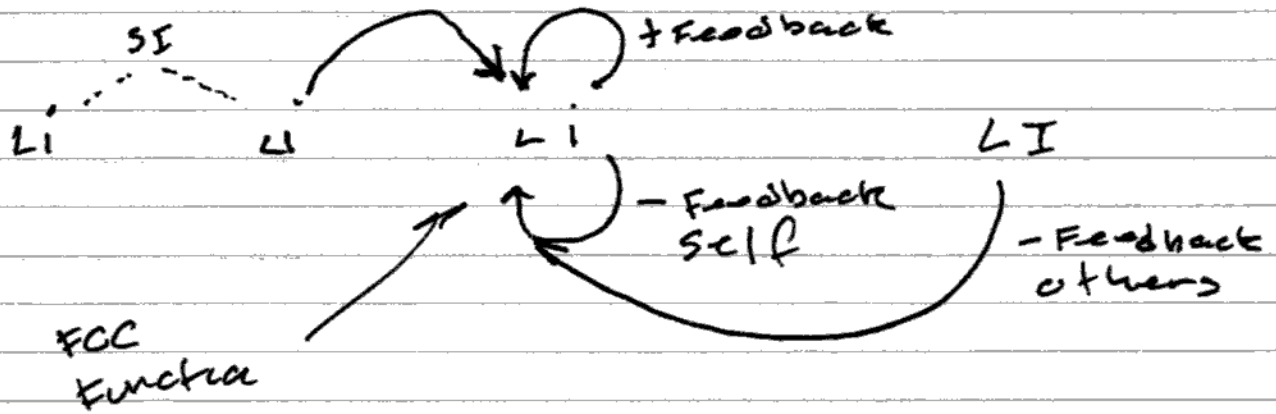
- allows stream of consciousness to emerge
- Happy state
- allows LTM to be triggered
- allows STM to be triggered

↳ same LTM pattern activation to be maintained and trigger other areas?

- allows High Level Associations that represent consciousness to be triggered
- allows FOC algorithm to operate
- allows flow patterns to function

Negative feedback

# Writing - Notes - Expand STM + Feedback others

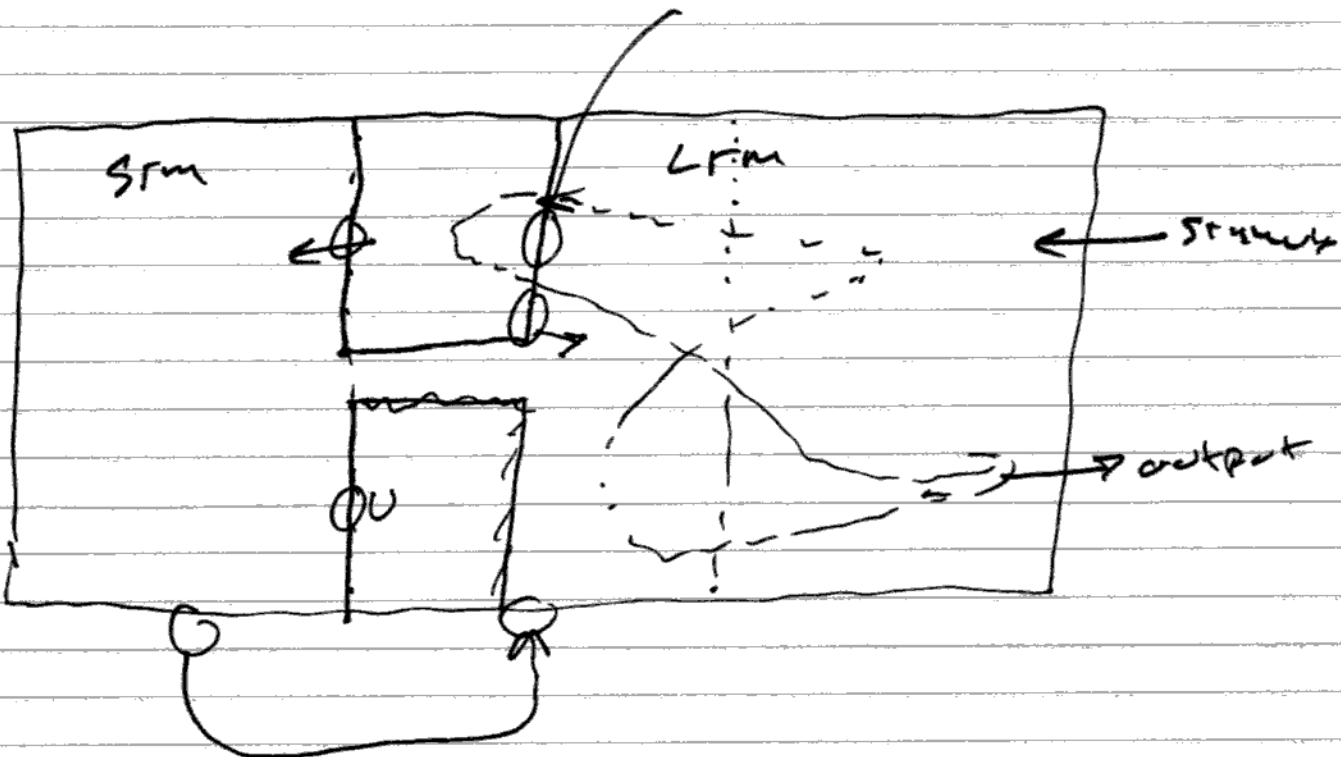


FOC  
Selector for who  
Pattern matches  
LI - takes

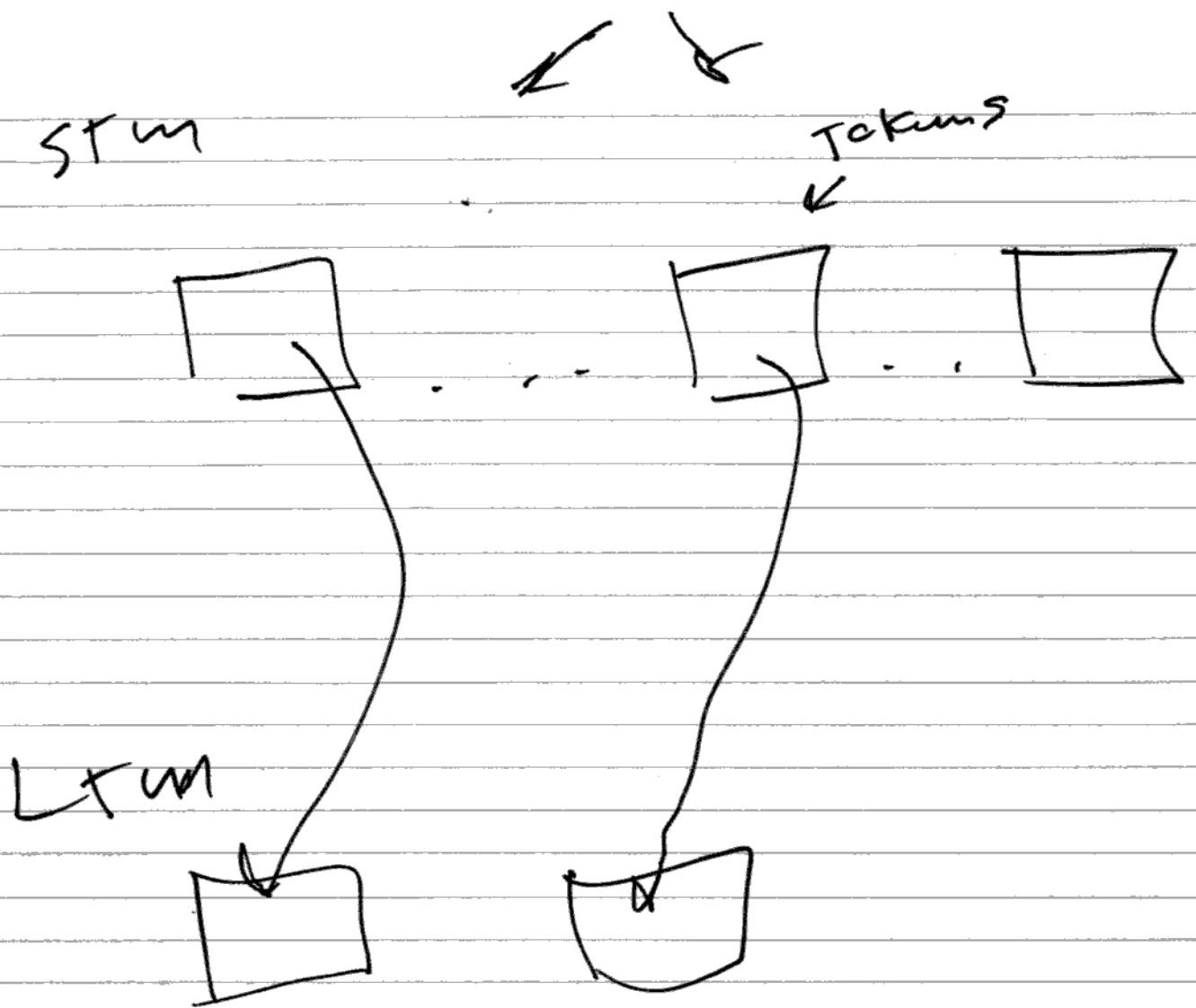
Acting FOC  
STM → LTM

LI

LI



# STM Patterns



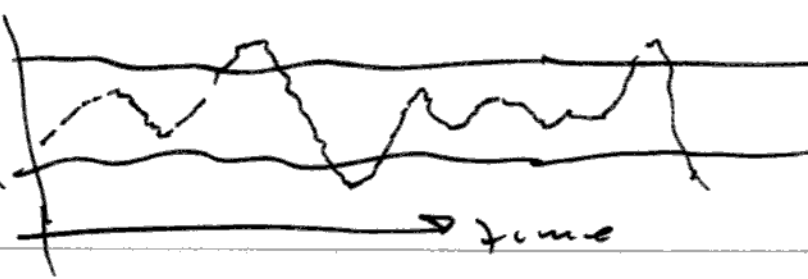
Key Question:

Is STM a set of "Activated" ideas  
w/ a limit on how many can be  
"Activated"

OR is STM a set of references?

FOC

Pattern  
matcher  
@ Level



- A set of ideas
- A pattern matcher for the (ideas) gets in and out and goes to STM.

Clarity of FOC  $\rightarrow$

in regard to over amplification

- is it damping of feedback?

Search / Selection Algorithm  $\rightarrow$  FOC

- is it decreasing weight of current ideas?

"is selected" feedback loop

FOC as search for Pattern hit

Clarity FOC

Reasons for  
non convergence

Bad Fitness Function amplitude

FOC Level

Conservation of momentum

+ Feedback self (and over time)

- Feedback self (and over time)

+/- Feedback other ideas



Idea  $\rightarrow$  is, is not  
includes

X vs Y vs Z

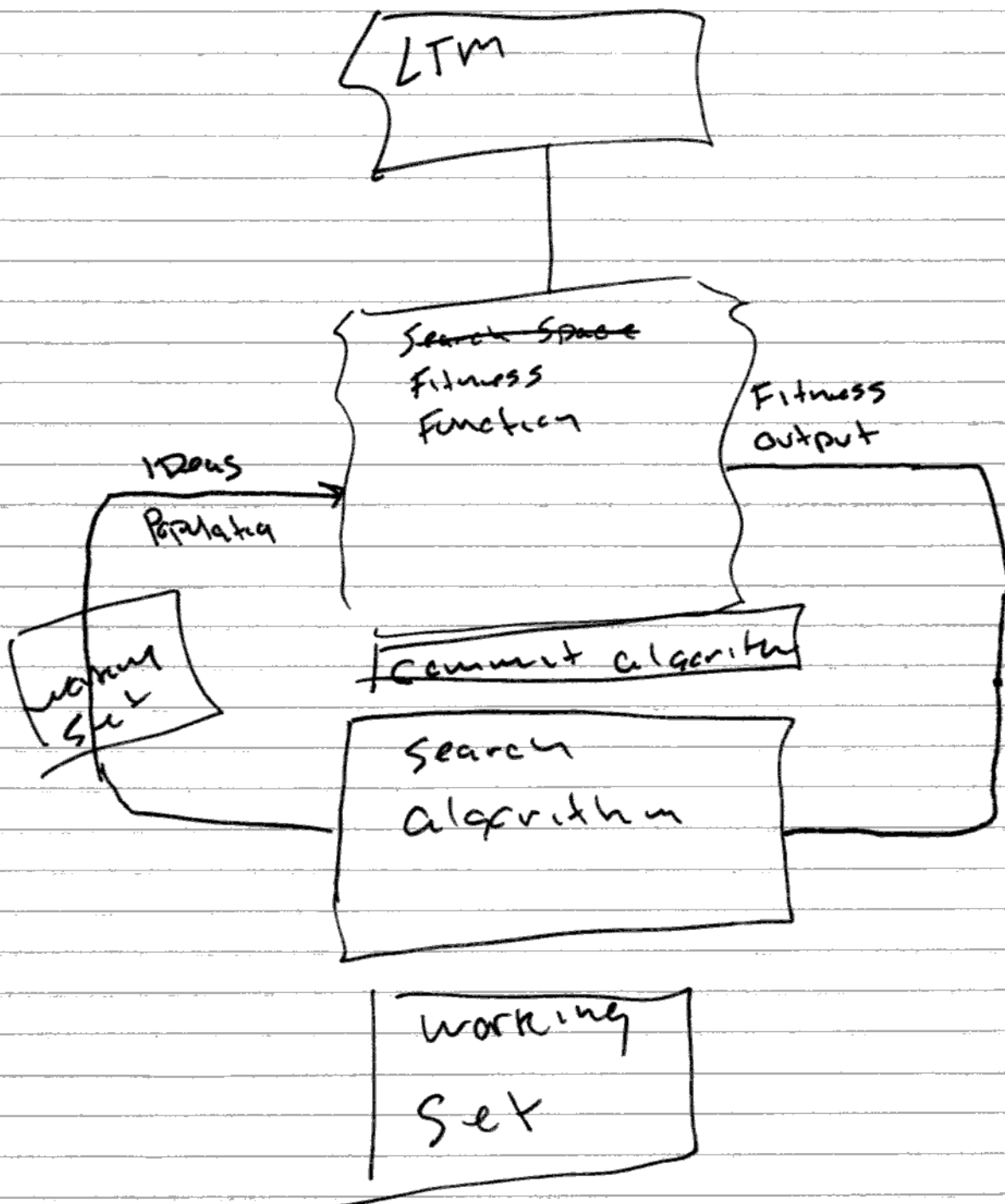
opposite

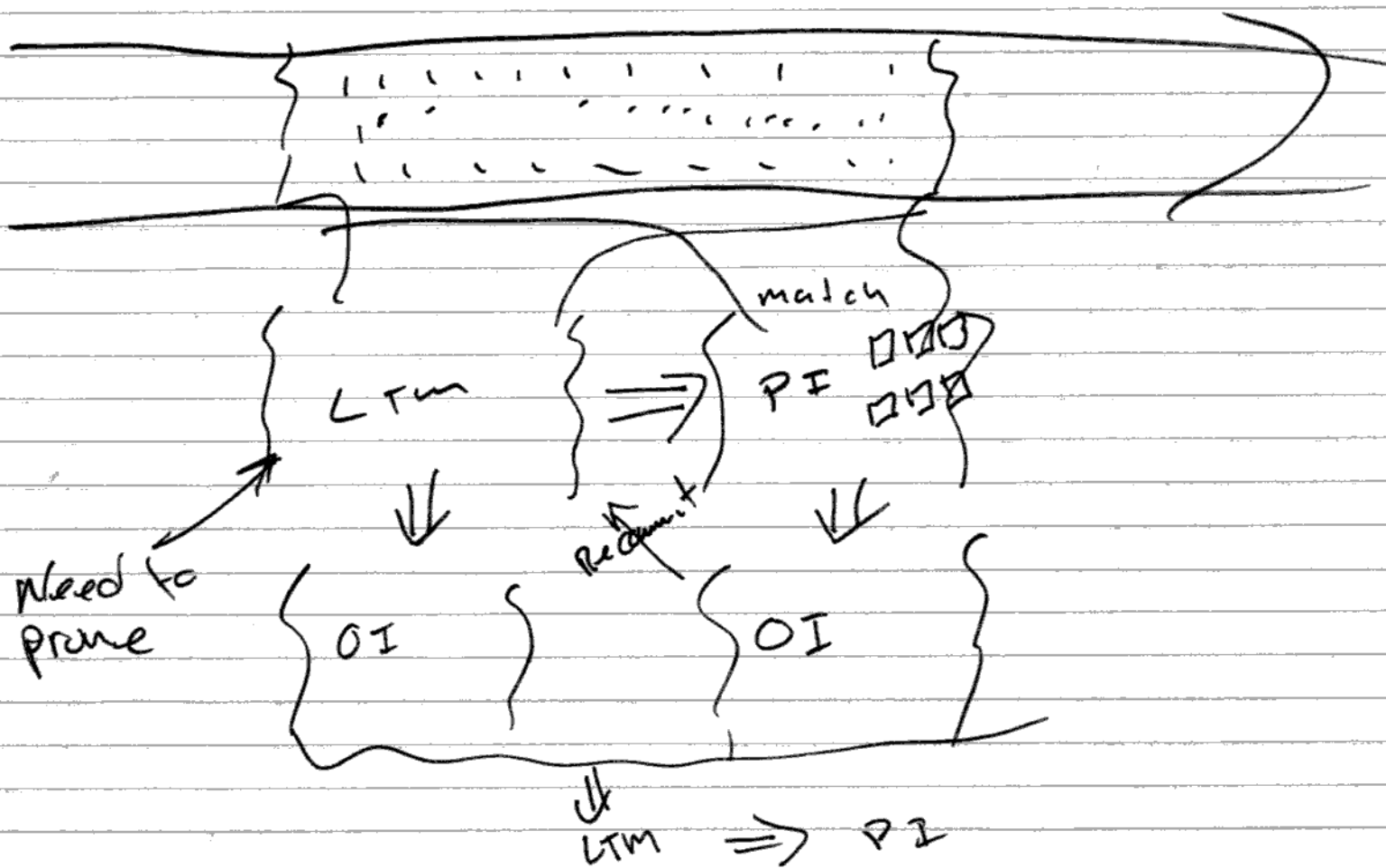
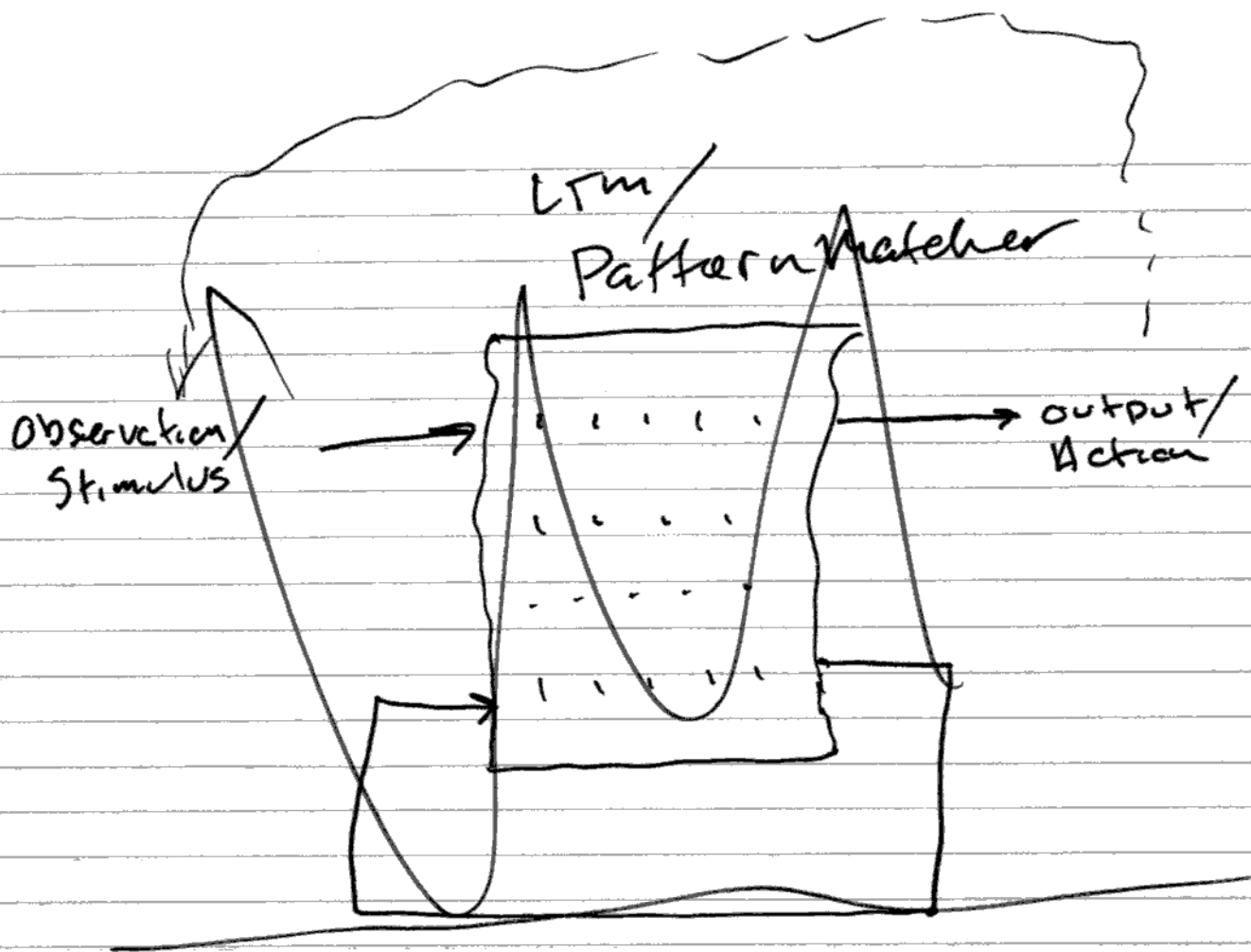
gets, sequences



Ⓟ







Search sparse matrix

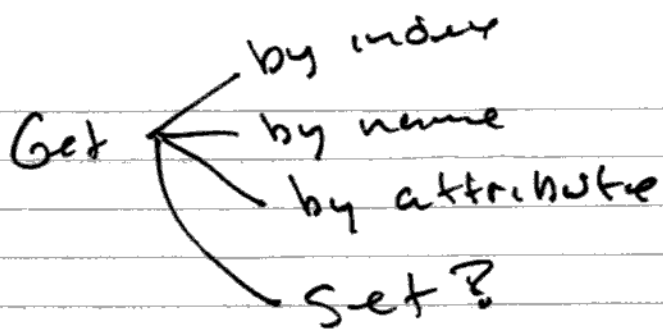
Goal find points/ideas w/ fitness

Space to sparse  
two few samples

orthogonal  
set

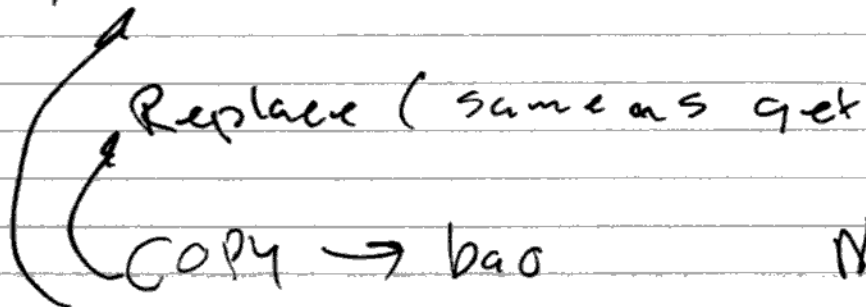


needs constant  
sampling



Remove - same parameters as Get

add/ insert → location



Node / content

---

Inspection → how  
                    → delta

---

what to do for each