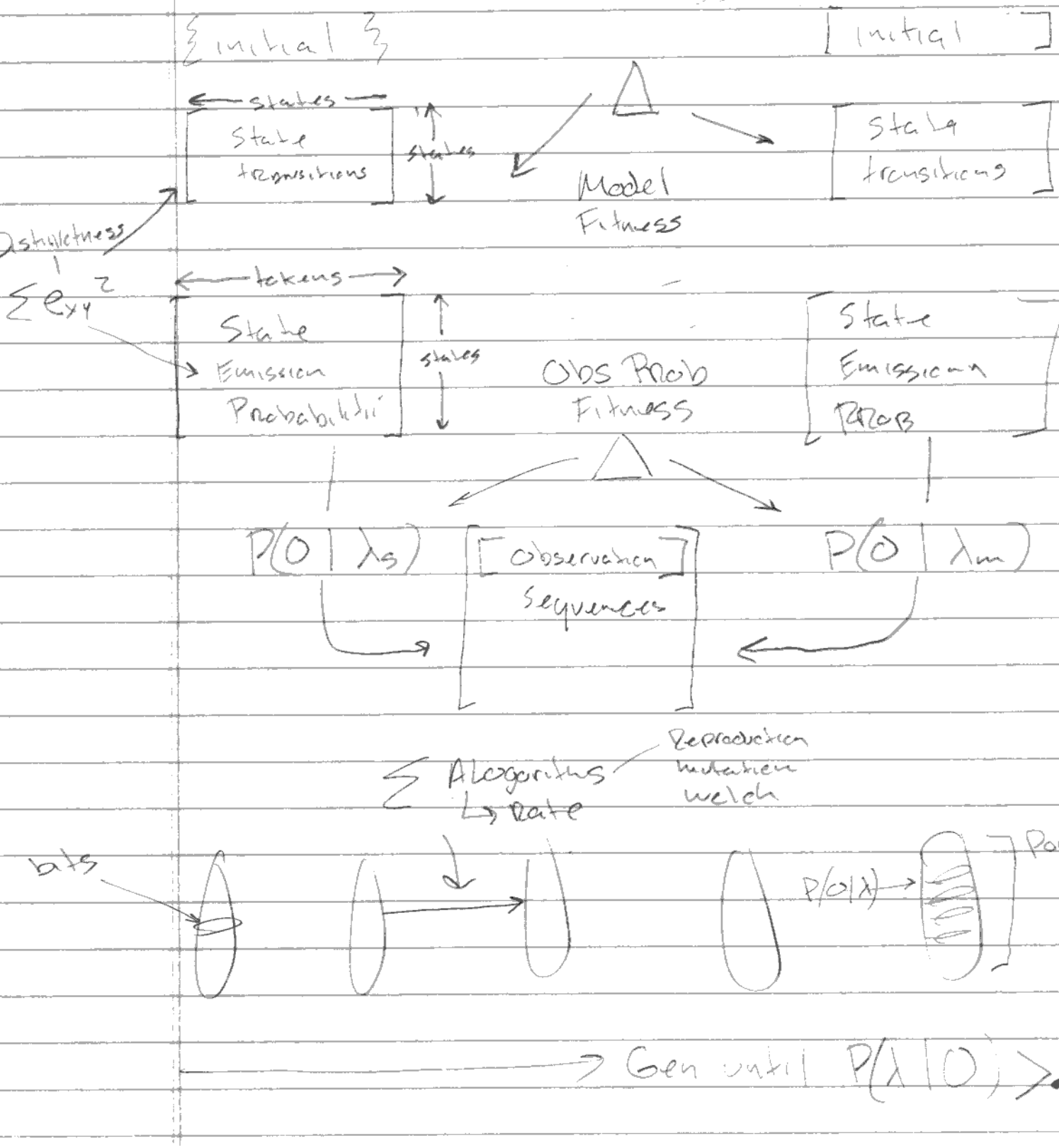
System

$X = \#\lambda_m P(O|\lambda_m)$ / model

$P(\lambda_S = \lambda_m | O)$

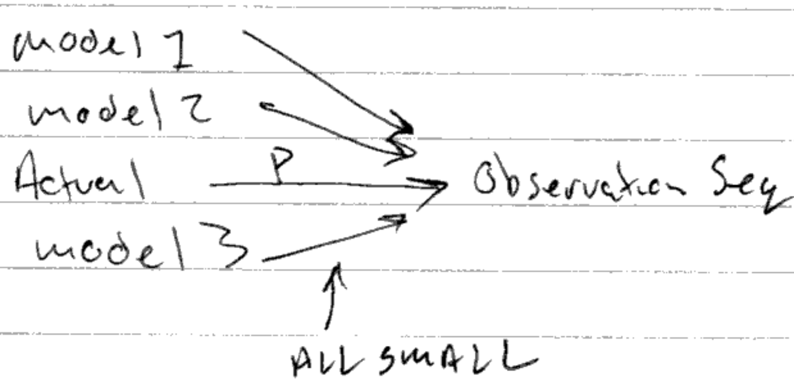


T F
AND/OR
↓
LIKE PARTICLE MODEL

MARKOV MODEL

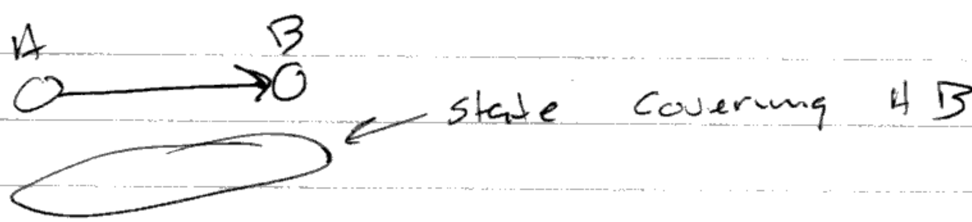
BEST W SMALL ~~ME~~ ACCURATE MODELS COLLECTED

CLASSIFICATION, HIERARCHICAL
SEQUENCE
PROBABILITY, REVERSE, BAYSIAN
CONVERGENCE, MULTIPLE INPUTS
MIXING MODEL



other models might have higher priority of observation seq than actual

CHOOSING PROBABILITES ANALOGOUS TO MONEY AS MECHANISM TO SEARCH OUT VALUE OF ENTITY



Markov

Reverse Probability $P(A|B)$

Solve set from minimum vars

Sub ranges ($A \rightarrow B$ ~~Range~~)

Ability calculate P Path or large Set

P = unknown variables

1. P value search algorithm based on ~~transform~~ search on large variable side of transform driving small side
   Attempt to derive model

~~Predict likelyhood~~

2. Calculate likelyhood of observations

3. Creation of model

→ High probability only interesting

→ Detection

Rapid Prototyping

Discovery of Relationships

Transformation matrix

Concept - Relationship fitting to data
VS Relationship discovery

Premis

small basis + transform ⇒ compler presentat

Issues

Compound error in integration

Factor

Structure sustaining feedback loops

Marked model

Prediction — a) Compound error

GA

search

High cost info exchange
Parallel sub part evaluation