

CORPORACION DE FOMENTO DE LA PRODUCCION  
CHILE

## CYBERSYN

A Description of the  
Recursive Structure,  
Types of Reporting,  
& Algedonic Feedback.

Stafford Beer

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1. The chart shows four levels of recursion. No attempt is made to show linkages upward (into general government) or downward (where the enterprise has its own viable system).

The long box shown at each level may be thought of as that level's use of the Operations Room.

2. Cyberstride exception reports are generated for each level, using its own model and indicators. The feedback is registered (○) in the Operations room (at the end of each dotted line).

3. Then one part of the Algedonic Screen should continuously display whatever exceptions Cyberstride reveals FOR THAT LEVEL ONLY. This is meant to reduce variety - so that we have four variety filters here: information is aggregated each time into a next-higher molecule.


Note (i) Not many indicators will be showing at any one time, because Cyberstride is tuned to discard most of its input as statistically insignificant.

(ii) The autonomy of the levels below any level is preserved.

4. The whole battery of taxonomic records appropriate to each level will be available on the Datafeed Screens (back projection). These have to be updated when the taxonomic mean is changed - but that will be a comparatively rare event. The trigger mechanism is shown on the chart thus:  
Note that each level sends its own taxonomic changes to the level above, since these fundamental statistics will



5. When any level receives a Cyberstair exception report (the dotted feedback) it will either act or not ( $\overline{\text{act}}$ ). Look at the Enterprise level on the chart. If the enterprise uses its autonomy to act, well and good. Nothing more happens, and the report disappears from the algedonic screen. If it does not act, then it surrenders its autonomy to the algedonic system, and an algedonic signal goes up to the next level, where it is registered (\*) on another part of the Algedonic Screen.
6. This mechanism is reduplicated (see chart) at each level. But there is also provision to pass the signal on from any level right to the top — if it is not 'defused' on the way. The Screen should be designed to show when an algedonic signal has come from a level more than one lower.
7. Hence, if we think of the Operations Room in use as Industrial HQ, the Algedonic Screen will show Rama exception reports in a convenient but relatively tranquil way. If an algedonic yelp has broken through from a Sector, its appearance should be visually marked (a slowly pulsing red light?). If an enterprise signal arrives, it would be marked very strongly (fast flashing red light?).
8. We are reserving a square metre on the Algedonic screen for an Algedonic METER, although I do not yet know just how this will function.

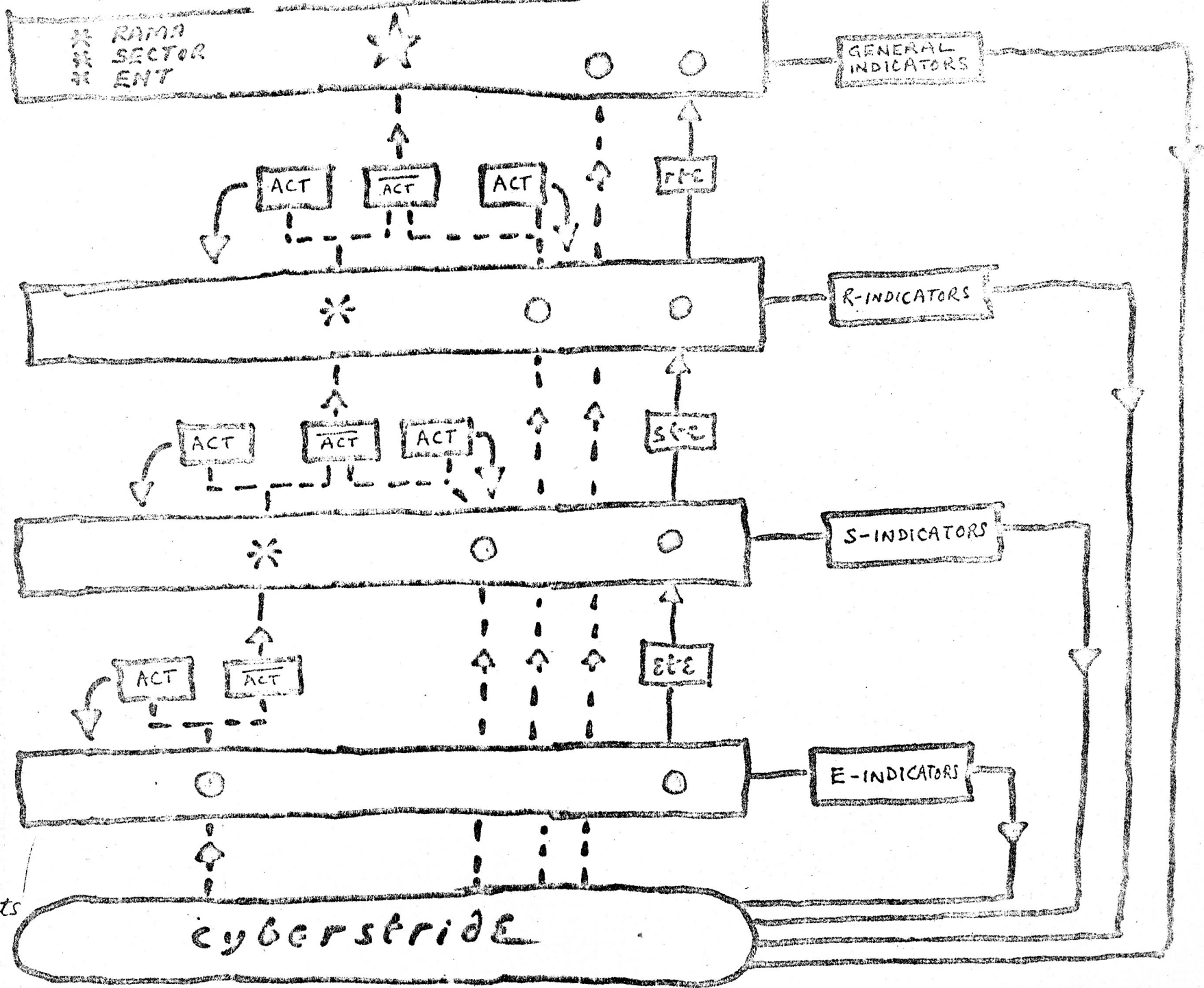
  
26th May 72

IND HQ  
total industrial  
model

RAMA  
h-molecular  
model

SECTOR  
s-molecular  
model

ENT  
atomic  
model



--- exception reports  
te = TAXONOMIC exception