

introducing ashbys methods
Operation Approach:

Rejects subjective descriptions, objective form must be shown - things that can be derectly observed

« use precise Definitions

not discuss anothing that can't be measured or observed object
Le testable hypothesis

Ognamical Systems approach

Ashby modelled adaptive systems as ognamical systems which has states that change over-time

- Des underpin of research @ Sussen

Often comprise of multiple equations which specists how the change of one variable is refined by 87 ate of every variable

Variables, States, Parameter

* Variable is a measurable graentury

State = Instantaneous values of an variables of the system

A var not included in a system is a parameter

States & phases space
is the State of a system is an n-Dimensional vector
we can define an n-vinensianal space of all poss states
in Dynamicas systems known as phase space
-Phase portraits to measure