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Similarly many ~~many~~ balanced, stable compromise-lines like the boundaries of countries, ~~which~~ ~~are~~ ~~losing~~ ~~this~~ ~~balance~~ ~~when~~ ~~applied~~ ~~to~~ ~~the~~ ~~new~~ ~~dimensions~~ ~~that~~ ~~technology~~ ~~has~~ ~~brought~~ ~~into~~ ~~being~~ ~~for~~ ~~example~~, ~~it~~ ~~is~~ ~~thus~~ ~~impossible~~ ~~to~~ ~~find~~ ~~a~~ ~~boundary~~ ~~with~~ ~~width~~ ~~large~~ ~~to~~ ~~those~~ ~~of~~ ~~the~~ ~~earth~~ ~~for~~ ~~the~~ ~~problem~~ ~~of~~ ~~the~~ ~~control~~ ~~of~~ ~~airspace~~ ~~over~~ ~~a~~ ~~country~~, ~~and~~ ~~how~~ ~~far~~ ~~up~~ ~~the~~ ~~country's~~ ~~sovereign~~ ~~air~~ ~~extends~~ ~~cannot~~ ~~be~~ ~~determined~~ ~~by~~ ~~any~~ ~~simple~~ ~~boundary~~ ~~as~~ ~~earth~~ ~~borders~~ ~~do~~, ~~that~~ ~~corresponds~~ ~~to~~ ~~a~~ ~~significant~~ ~~set~~ ~~of~~ ~~technical~~ ~~criteria~~ ~~like~~ ~~defensibility~~ ~~space~~ ~~control~~ ~~or~~ ~~possession~~ ~~boundary~~. ~~Rather~~, ~~the~~ ~~diminishes~~ ~~(the~~ ~~historical~~ ~~origins~~ ~~of~~ ~~the~~ ~~three-mile~~ ~~rule~~ ~~is~~ ~~in~~ ~~a~~ ~~continuous~~ ~~gradation~~ ~~away~~ ~~from~~ ~~the~~ ~~earth~~.)

A similar problem is that of establishing an upper boundary, while there is still time, beyond which weapon systems shall not be deployed. But there is no simple boundary line representing any convergence of technical factors or highly conspicuous line of possible agreement. ^(The technical aspect of these problems is discussed at length in Clark C. Abt's "Problems and Processes of Space Arms Control," Raytheon Corporation, reproduction, 1961.)

Technological change that tends to swiftly expand the competence of particular organizations in unexpected directions, ~~masking~~ ^{changing} the borders of demarcation between scopes of authority.

In many respects ~~these~~ ~~changes~~, particularly technological ones, ~~are~~ ~~decreasing~~ the reasonable conventions which may order behavior and permit certain kinds of freedom; ~~in~~ ~~many~~ ~~cases~~

For example, ~~in~~ ~~these~~ ~~new~~ ~~dimensions~~ ~~and~~ ~~directions~~ ~~of~~ ~~technological~~ ~~change~~, there appears to be a loss of possible stabilized and bargained-out operating systems.

For instance, "space law," as above, ^{various} ~~is~~ ~~being~~ ~~eroded~~ ~~by~~ ~~the~~ ~~dissolution~~ ~~of~~ ~~normative~~ ~~unions~~, bargaining, jockeying and infighting ^{likely to increase} ~~is~~ ~~likely~~ ~~to~~ ~~increase~~ ~~in~~ ~~areas~~ ~~that~~ ~~would~~ ~~ordinarily~~ ~~be~~ ~~thought~~ ~~important~~ ~~to~~ ~~the~~ ~~public~~ ~~good~~.

III

Water

Ch.

It is a very common
thing to see
in the water.

CC

BNW



VIII

PROBLEMS OF PLANNING & PROCEDURE

(NORX: SYSTEMS)

UNITY

DIVISION

MEASUREMENT

BUILDING BLOCKS

OPPORTUNITY & OPPORTUNISM
History, prospects

~~PROBLEMS~~

Planning, Procedure & ACTH

20
A 3/7
5

10

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7. ~~11A~~ 11A 117

11A 117

~~11A 117~~ 11A 117

11A 117

11A 117

11A 117 - less

11A 117

11A 117 ? ~~11A~~ 117

IMPROVEMENT of SFX
 by discrete evolutions,
 vast retrenchments
 which are basically
 simpler operations
 [cf. FENX - big/many
 changes]

The Axiomatic Model
 as something opposed.

DEBUGGABILITY: debugging parts of an axiomatic
 expressed theory.

THEORY CYCLE

Induction & theory as a cyclical process

Seeking ~~not general~~
~~or ANY~~
XX criteria
with hope of their generativity.

EVOLUTIONS
& SIMILARITIES

VI.

16. MODELS

17. Evolution of many things

43. GENERALIZED SKX MODEL OF VARIATION
As ~~shown~~ with evolution, where time ~~was~~ the variable; but more generally.

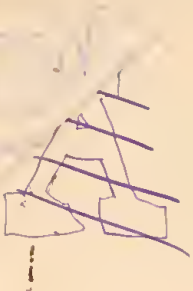
44. GENERALIZED ~~NO~~ SKX MODEL OF VARIATION-EVOLUTION-INDUCTION

45. Strategy in variation@evolution-induction: shall it be forced to cover all?

46. BREADTH OF COVERAGE versus LOCAL 'JUSTICE'

C

11



Problems of Abstraction
& Cognitive Procedure

~~BACKLIST~~

- Dimension
- Discrete categories
- Weights
- Cooperability

What they ~~may~~ may be:

DIMENSIONS

DISCRETE CLASSES

[CONTINUING PARTICULAR ENTITIES?]

[RELATIONSHIPS?]

IVa PROBLEMS OF MEASUREMENT & COEXPRESSIBILITY

~~Model~~

Redefinitions

Eff the ends of the scale

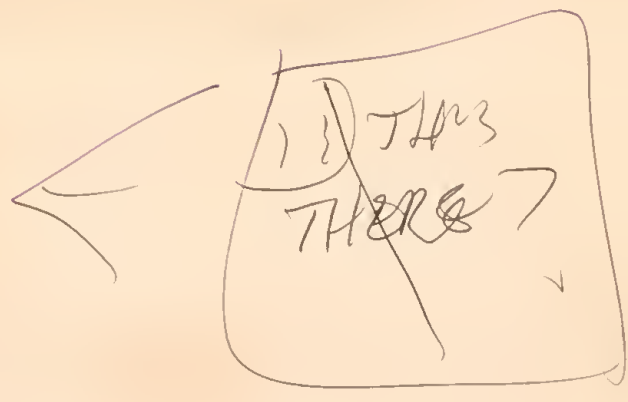
WEIGHTINGS

As measuring - str. unit

MEASURE: e.g. physics; prices & index; highlighting process of implications

PROBABILITY

What type?





notions de connaissance & développement
 l'usage de relations et le changement de forme
 développement de la pensée et de la conscience

NOTION SCHEMATICS

DYNAMIC EVOLUTION =

- e.g IDEAS
- PHENOMENOLOGY
- EPIC NOTIONS

REF NETWORKS

- I. 1. REFERENTIAL NETWORKS
2. You should ignore the phrasing, pay attention to the structure
- II. 3 & 4. 'SCHEMATICS' as components of ref. network.
4. As relational components that are of interest.
5. For instance, they can change or not change.

Network by itself ^{rather than} subject matter.
How it relates to material and at various stages
SI has interesting properties...

Sometimes we may be interested in

NETWORK BY ITSELF ^{which} may not
~~be~~ tell us what kinds of
entities it deals with or to what
it applies.

In this case we will talk about
supplementary rules (— networks &
application...)

NO TELLING ABOUT A SEX SIMPLICITER

AMBIGUITY: those things
& relations which are
aren't stated in the network.

PRELIMINARY OUTLINE

Sx !

STUDIES OF KINDS OF DYNAMIC CHANGE

- Undermine classif betw
= th & descr. system:
 - APPLICABILITY of Sx
 - is at question.
 - forced appl. too easy.
 - What other predications
are conjunctly permissible?
-

ESP. PROBLEMS OF METHODOLOGY

Probs. of abstract variables relating to human behavior,
with particular complications deriving from
the phenomenal closeness & many of them.

E.g. entities of dynamic psychology

NORX !
[Systems]

PROBLEMS OF DOING

We wish, ^{to} ~~in~~ ~~this~~ ~~chapter~~, to emphasize the vast importance of grasping-- for times to come-- some understandable cluster of what is human. To call this an "essence," might mislead, unless it is understood that there are a few essences; as we have emphasized throughout, it is persisting clusters of attributes that characterize things. We need to know some cluster of attributes which can serve as an enduring focus of ~~attention~~ caring, hope and delight for the human soul. We

This is neither a trivial nor a silly intent. It is made the more urgent are breaking by the many trends that ~~break~~ apart all the old categorizations and simple ways of dealing. It is reasonable that we should hope that whatever there is, a hundred years from now, should be human; and ~~therefore~~ it is here that we must think ~~urgently~~ about the qualities of ~~support~~ mood and involvement. Let us try no listing now. But we think that it is in the realm of emotions and things

Emotional experience, humor, whimsy and exultation, in a network of curiosity, ~~and~~ interest and understanding; We will not elaborate on this ~~or~~ argue for its justification. But we would like it understood ~~by~~ why, when the woods seem to be burning, we advocate meditation and reminiscence.

BASIN

This is a time in which mankind, society and technology ^x may go in an enormous number of possible directions, and ⁱⁿ in which ~~any~~ number of people are trying to take things in ^{these} ~~such~~ direction, ^{or contributing to such movement.} ~~openly or not~~. While it is likely that no changes will sweep everything away, it is also likely that the most drastic changes will take place, perhaps entering the world as ^{and then forming to} new varieties of familiar things ~~before they~~ create sweeping revisions, ~~not as planned and to be very much like radio~~

The control of human ~~in~~ mood ~~through~~ and pleasure has always been a part of ~~the~~ life; a part of the control we exert over others, and a part of our own pleasure. ~~How~~ ~~many~~ ~~mechanical~~ ~~means~~ ~~for~~ ~~the~~ ~~control~~ ~~of~~ ~~mood~~ ~~are~~ ~~newer~~, ~~but~~ ~~not~~ ~~so~~ ~~new~~.

perhaps

There have been wine and drugs for a long time; electric shock therapy should be considered here. But the new mood drugs, brain-stimulation and B.F. Skinner's announced programme ~~of~~ for arranging ~~the~~ the sense ~~of~~ of reward ~~are~~ are strong developments. It is clear that ~~the~~ the drugs-- tranquilizers, peyote, psilocybin, and many others-- have ~~the~~ the most pronounced effects on ~~the~~ mood and outlook.

not

*Use of things is possible
 -ble system
 possible
 of things...*

Huxley

Experiments have shown that mild electric shocks administered to the brain ^{can} produce a considerable sense of pleasure and well-being, ~~and~~ Experiments on humans in this category have been few, but the evidence for rats, monkeys and dolphins is clear.

What are we to say of these possibilities? The old philosophical question, ~~whether~~ "Is it better to be a happy pig or Socrates unhappy?" is ^{not} ~~expressly~~ *not* *expressly*

Skinner's intent is apparently to produce a ~~new~~ society in which ~~the~~ the propensities for "good behavior" are to be inculcated by a system of reward-- and the states of mind of the inhabitants are to be ^{Apollonian,} mild and happy.

One man's Utopia may be better than everybody's compromise. It is extremely difficult to say.