

→ Transform the mode of expression

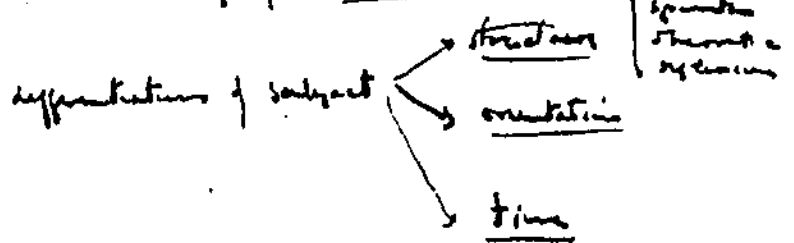
① Undemonstrable first principles

self-knowledge is not demonstrable
 but its evidence can be overwhelming
 so it equals fulfilment of first principles

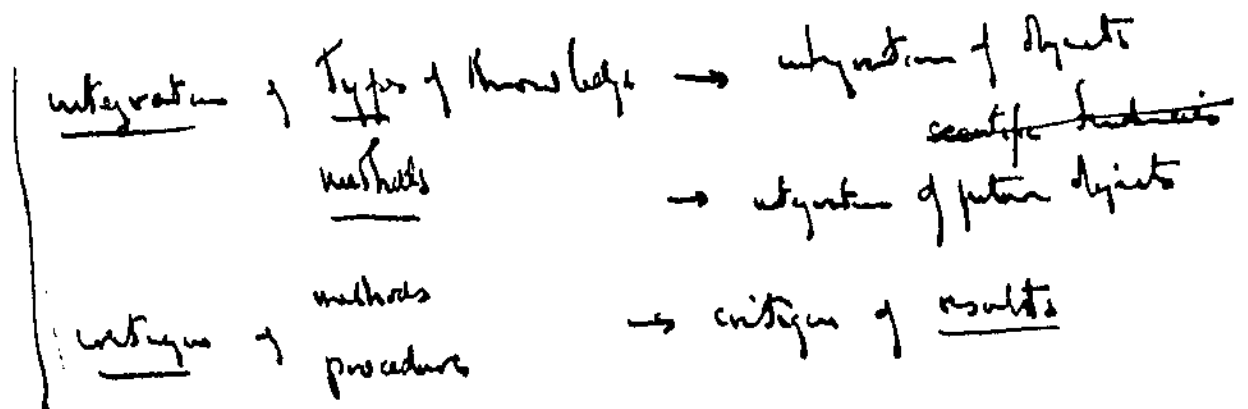
② Self-knowledge is knowledge not of substances
 but of subjects

in terms not of objects but of acts

not of abstract nature but of concrete structure



③ Knowledge of Knowledge = Knowledge of Aspects of Knowledge



Structure

Logic and methodology

qualit

QQ DD. a qualitative

Whole - part

Proportion - analogy

Part $\left\{ \begin{array}{l} \text{by division} \\ \text{by function} \end{array} \right.$

partial, complementary - part whole

Abstract: Intrinsically closed set of partial & complementary functions

concrete: whole is constituted from whole by its itself

Method: form

Essence: existence

Isomorphism

Analogous

Kritik

Dynamic

Logitronal Structure

1) opp. to cognitronal atomism

2) internal consideration -
1° epistemological
2° formal objectivity
3° causal & metaphysical

3) human knowledge - not mind

4) Experience	Inquiry	Invention	Insight	Thought	Universal Particular Power Meaning Apriori Apriori
	Reflection	Methodical	Judgment		

Structure of Objectivity - Empirical Normative Absolute

Absolute independent of subject is from intention to dignification

Empirical + Normative

Objective | Unapprehended
Apprehended

Praxis - Empirical | Realism | Idealism
Idealist | Kritik | Intuitionist

3. The Contemporary Problem

Nothing wrong with Arrow approach, analysis

but ① its empirical basis has to be enlarged

② its mode of expression has to be transformed
object to method, dam to bed & river
abstract entity to dynamic structure

b

Enlargement of basis from an anticipatory ideal of science formulated metaphysically

to ① expressing the insights of mathematicians

eternal objects - production - group

② expressing the insights of natural science

③ accounting for the intelligence & sane judgment of CS
& its aberrations 1945" → primitive Egypt
→ modern state

④ becoming familiar to "subject" "interpretive insight"
formulated in terms of date structures of conscious

⑤ becoming aware of problems of empirical human science

psych - econ - sociology - political theory
history of civl - art - religion

what sense "scientific" - prediction
consultant for central bank

Methodological agent

Criteria ① Spont.

is not created
in so far as conceived
Primitive vs Ancient High Civilization

Expression

② Immitic

Parmenides,

Stoic Moral Code

Plato dialectic Aristotle Logic

Scientific Method

③

Sp

Symbol

Critical Subject

Knowledge of Knowledge = Knowledge of Knowledge of objects

cross way : four, center

Sp + know - with learn

2 layers

2 societies

Sp one's own

short how person

ethical

economic

social

ultimate value

Crit cross nature of learning

Crit transcultural

Crit historical

it links his own context
through theory + data
to past time

I understand myself
in series

Crit

Question Pr
solution principle

Subject

- Spontaneous - all of act from single independent whole
- Theoretic - epistemological activities from structure - due to agents only
practical cause intelligibility of epistemological structure
- Critical - reflexive presence to self → Knowledge of self

conscience
theory
exp-knowledge

World 2 approximations

Sp - particular concrete realities Elderslie
 Theo - through mediation of history Zoo

Learning

Sp - nucleus - few basic insights + add to process | in present situation
 hells mye

does not abstract from feelings
 from practical concerns
 from particulars, here, now
 concretely situated in concrete situation

that
abstracts
returns

Language

Theoretic develops special technical language
 transposes ordinary language - transmit
 "knows" "know" "know" "know" fills apic

Society

C.S. function of one's domestic family, town, district, country
 occupation hobby
 social situation
 determined by + determines

Theory sets aside feeling, friends, practical interests COSMOPOLIS
 transcends social classes, political positions
 transforms

cogit
 ↑
 activities
 ↑
 prax

Subject	Object
presence	in to subject ing
consciousness	empirical intentional intention responsive

Subject - substance, non-
constant entity

presence to self - not knowledge of self

① ψ fallacy
 interpretive process

any - seeing + colour insight + qualitative nature	not analysis but proper
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② ~~is~~ no field of theoretical knowledge is critical

within hypothetical theory vs data theory vs theorist

subject that experiences examples of <u>phenomena</u>	subject that is experienced understood experienced
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Subject Intentional
Phenomena
 world
 mode of learning
 language
 society
 criticism

2° Communication up to a point. Thomist Balthasar

3° Thesis: Krisis 1939 - From synthesis to the conventional

The Integration of the Sciences

4° Universal phenomenon - endless courses - philosophy - science
5° Kantian epistemology

1. Integration

E. g. Thomist synthesis, perhaps the last illustration

- a Aristotelian philosophy and Ar science presented united front, made of a piece
- b There was no science seriously competing with Ar science
- c Aquinas worked out a systematic theology on analogy of Ar philosophy and science (some notable adjustments)

2. That integration has been dissolved

- a basically, by the emergence of new notions of science
- b consequently, by change in content of old sciences by addition of quite new fields
- c just which of new fields are science in proper sense of the term according to good English usage (anonymous authority)
 - according to eminent authorities
 - according to theoretical ideal of human knowledge
- d natural sciences: physics, chemistry, biology
 human sciences: psychology, economics, sociology, political the
 historical sciences: history of nations, civilizations, cultures, religions

3. The lack of integration may be met by drifting

- a drifting
- b retiring into ivory tower
 - easier for Catholic philosophy than for Catholic theologian
 - cultural and religious history invades bible, Fathers, councils, theological opinions, views of heretics : new methods, new conclusions
 - psychology invades spiritual life, act of faith economics and politics * - Church part of that game
 - moral theology: what man is to do
 - human science: what man will do
- c working towards a new integration
 - either the new idea of science is to accepted or rejected
 - if rejected, ivory tower
 - if accepted, then integration based on old idea does not hold

4. The contrast between old and new ideas of science.

a certa rerum per causas cognitio

The man ~~xxxxxx~~ in the street and the scientist both know both are certain but only the scientist knows why.

MSc is not certain but only probable: it can exclude mistaken views with certitude (phlogiston, spontaneous generation, bodies fall according to their weight); but the views it propounds are not certain but probable, subject to revision, (commonly said subject to indefinite revision; 3×10^6)

MSc talks about causes, but "cause" is a universal category of the human mind, means quite different things & at different cultural levels.

(metamorphosis)
primitive: cause = visible process of change, growth
= efficacious sign, baby cries, magic
Aristotle: matter form agent end
chemistry: analysis and synthesis
physics: determinate antecedent, caeteris paribus determ cons
xif universe in situation A, and situation B
follows; then should A recur, B would recur.
field theory
statistical theory

MSc says knowledge: Lindsay and Margenau, Foundations of Physics, 1936 ss. last Dover 1957. In ultimate analysis criterion of physical theory is esthetic, simplest that fits data.

b scientia est de universalibus, necessariis, immobilibus

MSc concerned with not necessary but de facto intelligibility; it is not necessary but empirical science
law of falling bodies could be different and still intellig

theologian: grace is gratuitous, not due to man, could be not given; but present order intelligible, "convenientia"
all understanding of mystery, analogous, conven

MSc finds intelligibility in motion itself: Calculus, genetic studies -- not motus intelligitur ex termino ^{evolution, analogy}

MSc seeks universal, but not content with abstract universal, reverts to genesis -- cosmology in modern sense, genesis of material universe (initial explosion, continuous creation), evolution, evolutionary views of culture civilization religion science itself

What is a person? Augustine Boethius Richard S Vict Aq Sco Capreolus Cajetan Tiphanus Suarez, psychological theories

c nulla scientia ea considerat quae sunt per accidens

MSc: law, probability, random

Ar: necessary law in heavens; ut in pluribus, on earth

d scientia is speculative, Theoria, individualistic, absolute valu

MSc has speculative moment (basic research) but it is only a moment; it is more practical than anything else; it transforms the technology, economic and political conditions, of everyday living; it offers an instrument of social engineering, (motivation research)

MSc not even mathematics can be mastered in entirety by single man; essentially ~~xxx~~ science is collective enterprise.

xxx

Is Western man merely an anthropological type, and his science a characteristic of that type of man

Or does Western man aim at being the exemplar of mankind, what man is to be, the realization of human potentiality, and science the proper instrument of that realization?

If science of certain, immutable, necessary - Yes

If man is defined as animal symbolicum, if animal rationale is just an abstract ideal thought up by philosophers, if de facto the ultimate theoretical science is not philosophy, methodology, theo but "sociology of knowledge"

bibl pp. 281-30^A

Karl Mannheim, Ideology and Utopia, London Routledge 1936 1954

W Stark, Sociology of Knowledge, since about 1958

R. Merton, chapter with biblio

e Are there two apprehensions of the world or is there just one

Aristotle spoke from viewpoint of beginnings of science: there already is knowledge of concrete and particular realities; science improves that knowledge; it adds knowledge of causes, of relations, of necessity and contingency

Eddington's two tables

Average man and biologist visit zoo

All along the line

There is common sense view of world as of things in their relations to us, and we change

There is scientific view mediated by theory, by systematic conceptualization, relations of things to one another

Cf theologian: NT - theology of trinity, Hypostatic union, grace, sacraments, church.

5 The problem of integration

a Not outright acceptance and not outright rejection

b Any other procedure means working out at least to our own satisfaction, is coherently with our philosophy and our religion

What science is

What are the relations between the sciences

What is the relation between the sciences and philosophy

What is the relation between theology, natural sciences,

human sciences, philosophy of per se, existential philosophy

Is there a Christian philosophy

c Scientism cannot be on the basis

as if science obtain knowledge of things by their causes... sciences are not in concept of sc " de necessariis universalibus in-variables

not of per accidens - way of per se

speculation - idealistic - absolute value (acknowledged)

only one apprehension of real world

as if philosophy can know in the same

biology

As dehybridized polytheism

d Historically Sc plus the } a single block

→ differential assumption $\left\{ \begin{array}{l} \text{plus from that} \\ \text{minus from that} \\ \text{plus from that} \\ \text{minus from that} \end{array} \right.$

e I know of method, (normative) structure, subject

4 Problem A NT ← Nicene, Cyprian West http
Original → links Sum

* Survival X dein < gen contis
gen cultural form Spät französisch

6 Christen Sanktis , Marcellus Manichaeus

8 Apollinaris : wunder a man
herculensis :

9 Ursin Substantien Sum for contis , contis
in form
partis accusatio etiam

10 Longo prim brutalis

11 Arcais , ↔ Andreas
Eusebius , Asseis , Thomas
Konstantin Basile Augustus Genes Andreas
phil < some metri
some predicis
herul < philis : spiritually same
upheld : narratively same

Prob B
Andreas Reus Gen metri met Andreas → explicatio
Archais < Protestants - Genes NT - in dogma
herul - Volens & obscure int dogma
Marcellus || Symbolic expression of Relig Expression
ambiguity
Formalism & metaphysical , dogma

Horizon in Theology

- ① VT + NT heresi spontanei
- ② Concilia theoriam
 motus elementa principali inter ad
 hancusioni - unus idemque - una persona
 deus natura proprietates operationis voluntatis
- ③ Theologia scholastica
 versus theoriam completam
- ④ Theologia endemologica
discussio transculturali
historica

heresi spontanea contra curam theoriam
 "theologia biblica" quia VT + NT spont.
 debent considerari \neq theoriam | concilia

heresi theoretica variosa conclusiones
 autem mediocriter
 committitur heresi & theoriam antiqua
 debent coniungi \rightarrow spontanea \rightarrow antiqua
 \rightarrow theoriam

#1 horizon upward meaning of light years
 as an level horizon

formal object
proper object

horizon - 1^o only concrete part reality - decide meaning
 2^o my objects $\left\{ \begin{array}{l} \text{empirical} \\ \text{rational} \end{array} \right.$

2 They meaningless for spontaneous subject

- 1^o wants to profit by occasion
- 2^o use ordinary language
- 3^o want details - give me broad idea
- 4^o if he understands something, tries to fit it in CS vs sp
 objects - very stupid - but wants to be $\left\{ \begin{array}{l} \text{must} \\ \text{cannot} \end{array} \right.$
- 5^o any explanation - some difficulties occur

3 Critical of various meanings for human subject

An account we can write in one's own intellectual experience
Beyond horizon | just a theory $\left\{ \begin{array}{l} \text{no basis} \\ \text{no demonstration} \\ \text{no real experiment} \end{array} \right.$

lessons of logic | Does "Knowledge" exist
 Is there some new metaphysics science
 from one CS

cannot follow idea | what is knowledge properly in terms of logic
 what is nature of CS theory Intelligence
 how can we use all these independently
at once

Transcendental historical