

Insight p. xviii

1 "... the appropriation of one's own rational self-consciousness..."

we have been through the first phase

insight in math's, nat sc, common sense

with respect to things in their relations to us

things in their relations to one another
things

where the purpose was not learning math, nat sc, common sense
but self-discovery

finding out what the word "insight" means

not by a definition

not by the example of mathematicians scientists mne of CS

but by adverting to one's own experience

hence each must now ask himself the question

have I found out in myself and for myself what an insight is

aliter, has there been at least one occasion in the past month

when I came to understand something I had not understood before

when I said to myself, gee, that must have been an insight

when I went back to chapter one, read about the five properties

of insight, set to work testing in my own experience whether

those properties could be discerned in my experience of my insight

If I found none of the five, or only 4, 3 2 1,

did I go on to ask why I did not find the properties

did I remember that insights occur in different contexts and

that some are easier to pin down and describe than others

that CS insights came up last for consideration though they

are by far the most common -- was this delay merely perverse?

merely to make things harder? or was there a reason for it?

and what was the reason? of the reasons?

that scientific insights were treated not first but second? why?

why begin from math insights?

Again, when I succeeded in some sort of verification of the five
properties, did I go on to verify the differentiating properties
of math, sc, CS insights

insights that grasp descriptive meanings and explanatory meanings

insights that grasp the things described, or expalined, or both

and so on for the rest of what was said in the first eight chapter

If not, you have been wasting your time

this is not a course to exercise your memory

to load you up with endless pages of more /beliefs

its goal is self-appropriation, finding your own feet, standing on

your own feet, laying the foundations for a life-time of
 genuine yet independent thinking
 it is not an invitation to be an original genius
 when you come to understand what you did not understand before,
 it may well be that you are only beginning to understand what
 so many others have understood before you
 but at ~~at~~ least you will be aware that what has happened
 is that you are coming to understand what you did not understand
 you will be aware of the value of insights and of the limitations
 of insights
 above all you will be aware that insights are a dime a dozen
 that they can be and often are mere bright ideas
 that they have to be submitted to the ~~the~~ scrutiny of judgment
 chapters 9, 10, 11

Now the proof of the pudding is the pie
 some of you may have been doing this all along
 others have done it but not explicitly: they have had insights,
 adverted to them, named them, but did not scrutinize them,
 discern their properties
 others may have made the category mistake of thinking that
 I was not talking not about an event in their minds but about
 an object in which mathematicians or scientists have some
 strange and really inexplicable interest; they did not even ~~try~~
 make any turn towards self-appropriation
 others finally may despair of ever being able ~~to~~ to talk
 about their own insights -- their/symptoms Yes, feelings, dreams

sensations/

Insight pp 72, 243: generalized empirical method
 moreover, empirical science is collaboration, and collaboration
 in this field is case-work and in this seminar, of course,
 the cases will be the members of the seminar
 each of the cases will give a brief report in which he recalls
 some instance when he began to understand what before he did not
 understand, when did he begin to catch on to, what difference
 did catching on make, how long had he been trying to catch on,
 had there been a process of increasing understanding; if so,
 what had been the stages
 some of the cases will be easy and others hard
 the easy cases will be invited to start the collaboration going
 their example will encourage the hard cases, they will reveal
 that the thing ~~is~~ can be done, they will show how it is done

they will make things easier for the hard cases
 facilitate the transition from the latent and implicit to
 the overt and explicit
 from inadvertence to attention
 from attention to naming comparing distinguishing relating

Practically

October 21 and 28, November 4 and 18

5 minutes at most each of these days

he/she/// six volunteers to give a brief oral ~~XXXXXXXX~~ case history of his/her
 a coming to understand what previously/~~one~~ had not understood
 to a small group of 3 or 4 others

A minimal bow to the empirical and collaborative and first-hand
 aspects of ~~XXXXXXXXXXXXXXXX~~ coming to understand human understanding

Not limited to "coming to understand"
 also "startling strangeness" p. xviii

Samtaryana: Skepticism and Animal Faith

Distingu~~inction~~ction of 'thing' and 'body' invites you to set
 animal faith aside when studying human intelligence

Not because animal faith is mistaken (proof from survival)

but because it is irrelevant to math's science long term CS theol

When it is set aside

- (1) the sure and firm set earth is replaced by data
- (2) the data are unified and related by insights
- (3) insights are a dime a dozen

growth in understanding is indefinite (science is not certain;
 the goal or 'no unexpalined phenomena' is beyond the foreseeable
 future

- (4) must one not become an idealist?

The question is not fanciful except to animal faith

The answer is not simple: chapters 9 to 14

can make/ Facing the question and thinking through the answer is the
 existential clarification that/makes one a self-starter,
 standing on one's own feet, thinking for oneself

Relation to HUSSERL'S epoche

both drop animal faith

H a withholding of sense of reality, attention to phenomena, of math

L a distinction: world of immediacy, mediated by meaning
 criteria of knowledge in immediacy, mediated
 meaning of 'real' in immediacy, mediated

hence eliminate confusions on which radical phil diff feed interminab

THE NOTION OF JUDGMENT

- 1 as related to utterance (I say it; y9 say it)
sentence (I say it in English; you say it in German)
proposition (declarative sentence; not interrog optative
proposition may be
merely thought considered supposed
or affirmed or denied, object of assent dissent, agreement disagreement
- 2 questions for intelligence,
for reflection (yes or no; to is or is not)
for deliberation (future course of action, attitude, etc)
- 3 personal commitment; de la Rochefoucauld
- 4 levels p 274: operators, presupposition of previous, promotion to later
not a one to one, but one to many
one act of understanding, many sensations images utterances
one act of judgement many acts of understanding
- 5 proper and borrowed content of judgment
borrowed: in the question
proper: yes or no; certain or probable

REFLECTIVE UNDERSTANDING

1 General Form

objectified: if A then B; but A; therefore B

Concrete actuality

B conditioned: prospective judgment; question for reflection

if A link to conditions: images and insights out of which question arises

A fulfilment of conditions: not merely images but givenness of data

B virtually unconditioned (formally uncond has no conditions of any kind)

2 Tidy home in morning -- mess made by firemen in evening ?
something happened

same set of things (home)

different data at different times on same set of things

change occurs when " " "

ie something happened

3 insights into concrete situations

how does he know that it really is his own home that he returns to

(a) insights are vulnerable when further relevant questions
insights can be qualified corrected complemented only if
there are further relevant questions

insights are invulnerable when no further relevant questions

(b) give the further questions the chance to arise
in science: hypothesis, implications, suppositions, experiments
in CS: intellectually alert, take your time, talk things
over, put alternative viewpoints to test of action

(c) prior question: behind theory of correct insights there is
the theory of correct questions

evaded by speaking of man and his own home

general case, there has to be built up a context of related
insights that constitute mastery of situations that commonly arise
in a new job, situation, move slowly, keep your eyes open

(d) the self-correcting process of learning, & going forward
in the group

(e) rash and hesitant; temperament, always tendency to be quick
too quick, slow too slow