Lect. 1, p.1(Jh. 1)



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Lonergan Notes -Insigh Lect. 1, p.2 (Ch. 1) Forms of sensibility Categories of understanding Ideas of Reason Postulates of Practical Reason 1.2013 82 一日 - 杨朝山金色神堂的时期来 自己自动的现在分词 自己的复数形式 过度计 医林 TII ---Súdject 👘 = - Act ---Men qua Object dreaming awake For daile | Inquiring habit reflecting Object of Lowings Theoretical subject = intellectual pattern of experience wear 1 runi). differentiated consciousness Spontaneous subject undifferentiated individually differentiated initiorical process Ingl Lost differentiated ! transcendntl Critical subject 😑 Knower. undifferentiated historical Magner Machinel uses Arist - Thomist Isverse insighte <u>;</u> 2. Chryp new of motion 31 Special releviting 1. used their experience T 2. did not develop introspective techniques Engistuel Reciden 3. expressed their findings metaphysically Treising is used their experience Lon 2. develops introspective techniques A A Chance verigtion 3. does not presuppose a metaphysics Contal Homan SudéducesDámetáphysics their description 388 1. release to tension of inquiry suddenly, unexpectedly 2. function not of outer circumstances but of inner conditions 3. pivots between concrete and abstract 4. 5. passes into habitual texture of one's mind



Leot. 1, p.5 (Ch. 1) 3 $\frac{1}{2}$ Definition of Circle Inquiry First problem : equilateral triangle Image Theorem : External angle. Insight Definition Formulation Set of def. Object of insight Nominal Definition Explanatory D. Hilbert Implicit

Higher Viewpoints

Inverse insights

Irrationals
 First law of motion
 Special relativity

Empirical Residue

Hic et nunc 🛥	collaboration
Individuality -	General ization
Chance variation	- Recurrences ?
Social Human Surd	Dialectic

RANDOMNESS

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	Lonergan Notes - <u>H</u> Lect. 2, p.l(Ch. II)
Priority of	the Ontological
1. Ontologie	cal as concrete reality Met. M, 9; 1086 ^b 1 Known particular
81	ubject knowing his knowing qua given immediately
	for proper knowledge
2. Ontologio	cal as science of ontology department of knowledge
a	worked out with no presuppositions
_	E. Coreth, <u>Metaphysik</u> , 1961 Tyrolic-Verlag Innsbrück Wien Münche
<u>b</u>	presupposes Logic
	not Epistemology
<u>a</u>	coincident
<u>ð</u>	but prior
Logically -	1. eny statement has presuppositions that regard "being"
Logically -	 eny statement has presuppositions that regard "being" such presuppositions are conceived <u>de facto</u> in many way Parmenides Plato Aristotle Athanasius Avicenna Averroes Aquinas Scotus Hegel According to <u>AQ</u> to judge which is propr notion of "bein fruit of wisdom I-II, 66, 5, 4m wisdom is e) gift of Holy Spirit;
Logically - Problems of	 eny statement has presuppositions that regard "being" such presuppositions are conceived <u>de facto</u> in many way Parmenides Plato Aristotle Athanasius Avicenne Averroes Aquinas Scotus Hegel According to <u>AQ</u> to judge which is propr notion of "bein fruit of wisdom I-II, 66, 5, 4m wisdom is e) gift of Holy Spirit;
Logically - Problems of genesis of wisdom	 any statement has presuppositions that regard "being" such presuppositions are conceived <u>de facto</u> in many way Parmenides Plato Aristotle Athanasius Avicenne Averroes Aquinas Scotus Hegel According to <u>AQ</u> to judge which is propr notion of "bein fruit of wisdom I-II, 66, 5, 4m wisdom is e)gift of Holy Spirit; b) Ar. Metaphys.; o) which Aq. developed.

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Lonergan Notes -Insight Lect. 2,p.2(Ch. II) 5



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Lonergan Notes -Insight Lect. 2, p.3(Ch. II) 6

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3. transcends image - line, point sensible - only in vacuum image of cart-wheel enough 1 Tower of Pisa data --- ? continuous 2 Bdiscontinuous 2 necessity, impossibility ---- possibility ----------- Empirical science vs Rationalist deductivism Scotus: all possible worlds Aquines: beatific vision of XT influence on imagination Euclidianized 4 deta remain same for good observer immanent circle <u>5</u> circuit and movement to HV external things Heuristic Structures not derived from our quietly introduce new type of concept <u>a</u> actual understanding not based on abstraction grasp of essence, form essence that by which we move towards grasp of form Aquinas IN Ioan --> verbum initiale Henry of Ghent ----- verbum perfectum Illustration from algebra b Let unknown be "x" Trensition to scientific inquiry Let unknown be "nature of . .

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	: : : :			Lecta	Lone 2 p.4((rgan Note	s - <u>Insight</u>
	<u>0</u>	Similars similarly understood	:	<u>1</u>		1	
		similerity of qualities :	P color	hantesm sound	: taste	insight odor	hard soft wet dry etc.
· ·	·	relations	, pro	portions			
· · ·	<u>đ</u>	Let unknown function		0 = f(:	x,y,z,t)		
	<u>e</u>	above downwards	:	differ inveri	ential eq ance	uations	
	•	below upwards	:	Curve	fitting		
	<u>r</u>	Need consider only $f(x,y,z,t)$		that sa	tisfy di	lff. eq.	•
	g	Invariance theorems, Laws of Math Chemistry	· F 記録編集	seme fo	rmulation	n in <i>e</i> ny c at any t	ountry ime
		Principles laws of Physics	rega expr shou	essed re	<u>ents</u> latively dependent	to refere t of <u>hic e</u>	nce frames t nunc
		Classical : Galileo Newton	i . Maz	well	Einstein	-	- ¹ 4 -
		Inferences from classical laws	F	A Disc Appl	overy ic ations	involve insight	s Laws
						1	Situation
	Apr	plications Theoretic	al cas	368	********		
	đ	$\frac{d^2s}{dt^2} - K^2 S SHM$	8 - <u>d8</u>	<u>o</u> aSin = aK	ne solut: Kt cos Kt	ion	
			dt d2s dt 2	- - -	ak ² sin 1 -K ² s	<u>K</u> t	

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Lonergan Notes -Insight Lect. 2, p.5 (Ch. II) 8

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Newton -- body in a central field of force

Laplace - planetary system

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What constitutes theoretical case

One application of set of laws covers all phases of process

What defeats theoretical case

each phase of process involves new applications of laws what each phase begins from has to be deduced from previous phase -insight into end result ----- new application

non-systematic

sequence

series of breaks at pool throwing dice completely determinate but not menageable

Fallacy of Loplace's Demon

, if spiritual, not abstract system applied to odd lots

if imegination, then mounting complexity

Lonorgan Notes - <u>Insight</u> 9 Leet. 3, p 1 (Cn. 2)

<u>Classical</u>

Statistical

Houristic Structure

1. Heuristic

Knowledge is

on the way

2. Structure

vs atomist of Prima metter is

either a thing or nothing

neither a thing nor nothing

Human knowledge is a compound

parts are components

Sense	Inquiry	Image	Insight
For	mulation	Refle	etion
Ref	lective u	nderste	nding,
Jud	gment		
Consei	ousness		. • •

3. Heuristic Structure

Parts components of knowing "on the way"

4. Classical Heuristic Structure

	8	each law	from above downwards <u>differential</u> <u>equations</u> , <u>in</u> from below upwards <u>measurements</u> , <u>curve</u> fitting	ivari-
٠	<u>b</u>	complete syste	m of exact laws	
	<u>0</u>	applications -	According to schemes of continuity, recurrence Without any such <u>scheme</u>	3
5• [·]	Stat	istical Heurist	ic Structure	•••

a concrete coincidental aggregate of "natures of"

"state of " = intelligibility that overides coincidence

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that shines through despite random variations.

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Lonergan Notes - Insight 10 Leot. 3, p. 2 (Ch. 2)

b State known empirically by actual frequencies of events How often does A, B, C, D, happen?

scientifically by probabilities of events

Actual frequency p_i , q_i , r_i , \dots $\begin{bmatrix} i = first, second, third anything \end{bmatrix}$ Relative actual frequency $\frac{p_i}{n_i}$, $\frac{q_i}{n_i}$, $\frac{r_i}{n_i}$, \dots $\begin{bmatrix} where \ p_i + q_i + r_i \\ \dots = n_i \end{bmatrix}$ Probabilities <u>ideal relative frequencies</u> $\frac{p}{n}$, $\frac{q}{n}$, $\frac{r}{n}$

Differences $\frac{p}{n} - \frac{p_i}{n_i}, \frac{q}{n} - \frac{q_i}{n_i}, \frac{r}{n} - \frac{r_i}{n_i}$

Random: if no law, system, regularity, prodictability

If differences are random, p q r are probabilities $\frac{n}{n} \frac{n}{n}$

probabilities define a state

actual relative frequencies are representative sample

in n, n + 1

a

A priori - games of chance -

tossing a coin

initial monthing	neaas	up		
INICIAL DOSTCION	tails	up		
linear and angular momentum				
point of arrested movement				

1. enormously large set of possible tosses

2. each completely determinate

position

3. no law relating momentum

point of arrested movement

4. divides into two equal classes

5. results cannot systematically diverge from $\frac{1}{2}$

divergence from $\frac{1}{Z}$ is random

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Lonergan Notes - <u>Insight</u> 11 Lect. 3, p. 3 (Ch. 2)

A Posteriori	Heuristic structure	
Heuristic concep	t Nature	State
Prescientific	data of a kind	normal abnormal ordinary exceptional <u>runs</u>
Theorem	similars similarly understood	states identical despi te rendom differences
Scientific Goal	Law, function	Set of probabilities
Technique	Meaaurement	Counting instances in area, volume, period
<u>Upper</u> <u>Blade</u>	Math Theory of Diff. Eq. Invariance	Calculus of probabilities Eigen functions Eigen values
Fills out	Discontinuous data	Frequencies (including random
blanks	Continuous law	Probabilities (abstract from random)
Abstraction	Other things equal	Other things unequal
	no coincidental aggregates	coincidental aggregates
Verification	Convergence	No systematic divergence
Prediction	Exact	

Note on Arist Thomas

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1. Necessary laws in heavens Terrestrial ut in majori pa

ut in maiori parte us en i to nodu

2. Terrestrial process a series of accidents prime mover required to account for action

here now

prime mover is a <u>cause per accident</u> perpetual and continuous because of influence of heavens

3. No science of the per accidens

Lonergan Notes - <u>Insight</u> 12 Lect. 3, P. 4 (Ch. 2)

Classical H. S. attributes every event to <u>completely determinate laws</u> Statistical H.S. masters bog morass of coincidence

by distinguishing

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Arist --- no idea of classical law in terrestrial process as later conceived

probably

random

--- no idea of <u>probability</u> as later conceived

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Statistical objective

e.g. <u>dice</u> deaths

No contradiction between statistical heuristic structure

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coincidental aggregate Whether QT satisfies-Acievee?

this, difficult because scientists mix poor philosophy with science

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Lonergan Notes - Insight Lect. 4, p. 1 (Ch. 3) 13

Canons of Empirical Method

Check does our analysis of insight, heuristic structure, provide a systematic basis for accepted scientific procedure?

Selection if correlation hypothesis law probability expectation theory system pertain to empirical science

1, then it involves sensible consequences

2. such consequences can be produced, observed

exclusion of unobservable, occult, causes, <u>Etc.</u> <u>Descartes' Vortices</u>

Operations External circuit

Insight Into

of sense

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data

<u>cumulative expression</u> data, insight, hypothesis, deduction,

experiment, new data, new insight. . . .

<u>P</u>	<u>construction</u>	technological products	man knows what	
		synthesis of <u>natural objects</u>	he can make	

<u>c</u> <u>analysis</u> what cannot be made in actual fact can be put together in thought

d cumulative verification

e check on accuracy of observations

causes

immanent

f Systematization

g Higher Viewpoints

Relevance

1

2

final material instrumental efficient

intrinsic

intell igibility

applied science

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E isos form

non-conceptual ist

content of insight

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Lonergan Notes -Insight Lect. 4, p. 2 (Ch. 3) 14 circle, $s = \frac{1}{2} gt^2$, Kepler's law, Newton's system, Clark-Maxwell, Einstein \geqslant not to us, to our senses <u>3</u> resides in relations of things ightarrow but to one another: measure correlate hypothetical empirical science measurements 4 only the verifiable, the verified Parsimony ī experential conjugates (implicit)in verified laws explanatory conjugates $F = G \frac{m_1 m_2}{d^2}$ What is "mass"? "temperature" "E, H° Question for intelligence? 2 Events reflection? experiential specified by conjugates explanatory Explain everything vs obscurantism Complete Explanation colours radiation heat sound .---- waves in air extensions Geometry durations Appearance Galileo, ٧S Kant Reality

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Lonergan Notes - Insight Lect. 4, p. 3 (Ch. 3) 15

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<u>Statistical</u>	Residues	eithe	r classical
1	Mistaken idea of	Impoverished replicas	_
		or st	atistical
	Correct idea	disjunction does not hold	
	or obstraction	determinate law intelligi conjuga	ible in explanatory tes
	• · · · · · · · · · · · · · · · · · · ·	nonsystematic intellig application of laws sense	ible in sensible
2	Classical laws abstract	1. in heuristic anticipation r P	elevance and parsimony
		2. in experimental technique	
		3. in formulation	
	· · · · ·	4. in verification	•
3	Systematic unification and	imaginative synthesis (determinis	;†)
	indeterminacy of abst	ract	· · · ·
Existence	of Statistical Resid	lues	
<u>1</u>	Any event Z will occu	$P_{\mu} G_{\mu} R_{\mu} occur$	
		U, V, W, do not o	CCUI
	What is true of 2 is also	true of PGR UVW	
-	Infinite series,	continuity	
2	can curve in upon itself ·	 schemes of recurrence 	
1	but this has to be shown	to exist – it is a particular case	da en estas A en estas A en estas estas
	de se series divergent,	scattered, coincidental	
<u>3</u>	whenever series divergent,	, scattered, coincidental	
	classical procedures bog d	own	
	mastery of coincidental by	probability comes to the fore	

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Lonergan Notes -- Insight Lect. 5, p. 1 (Ch. 4) 16

Complimentarity of <u>Heuristic Structure</u> Statistical
1. Niels Bohr - Copenhagen interpretation of Q. T.
Nothing to do with present question
2. Two H. Structures - What is the relation between them?
A from side of knowing
<u>B</u> from side of known
3. Complementarity in Knowing <u>a</u> As H.S. data are related non-systematically> Statistical
<u>which?</u> in each case <u>hypothesis and verification</u> <u>b</u> <u>Procedures</u> to settle for either in any given field cuts down the "unaccounted for"
Boyle> Charles> Gay-Lussac> Van der Waals
Probable errors
Mendel's Laws statistical classical hypothesis genes
c Formulations conjugates verified only in events
events defined only by conjugates
statistical – how often other things are equal
d Modes of Abstraction
classical law - only the systematic
statistical - systematic setting limits from which
non-systematic cannot diverge systematically
e. Complementarity in Verification
1. if complete system of classical laws, P, is reached then there is
no possibility of a different complete system, Q

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Lonergan Notes - Insight Lect. 5, p. 2 (Ch. 4) 17

2 hence data cannot diverge systematically from P

- 3 however this does not exclude non-systematic divergence poss ibility of statistical inquiry
- 4 Only if schemes for everything will statistical inquiry be irrelevant But schemes themselves have to emerge, survive

And this is not systematic de facto in this world

Complementarity in Explanation

Essential

Existential, occurential

But some from different viewpoints

What is a lever? What are its laws?

How many levers? Where? When do they function?

Question of spatio-temporal distribution, of event

. Complementarity in Known

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Not Efficient final material

but immanent design of world order

Not detailed account specific classical laws statistical

but generic if both classical statistical laws hence not subject to revision, if laws revised

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only if method revised

cause

Not complete conjugates and events things and existence (later)

Not deductive

insight

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Lonergan Notes – Insight Lect. 5, p. 3 (Ch. 4) 18 Scheme of recurrence If X occurs, X recurs If P functions, Q can function Conditioned series of schemes Had while a state Q functions, R can function any world with similar laws Seriation possible probable what is likely on assumption of this world actual mencarial what has and will happen (ed) Immanent design enorgent probability Probability of a Scheme Know existing of prosters Mythicel solution Scheme: If A, then B; if B, then C; if C, then D. . Colliacn Vorld View 2.0 1. each event in any world situation will have a probability racianist determinism A, p; B, q; C, r; . . (absolution (paralmony) confusion of 2. if scheme not yet possible cocurrence of A & B & C will be par) imoginative scheme now possible p + q + rmechanist - each part of matrix operates determinately on hence Emergent probability sigumpsfrom par . . . to p + q + r + 3. when scheme decomesispossible to are no occurs parts to interfere when possibility in abcording the probability (p + q + r + ...4. Then iprobability of survival of abarbe work to the chence vericijens - probubility of emergence Conditioned series of schemes of recurrence each with its probabilities of emergence tour misses our basend survival conditioned series or reherous Initial situation and probability of lowest schemes actualing to provabilities 1. Occurrence of P and probability of next lowest schemes, Q 2. 1. Rejection of contraction of area is a 3. Occurrence of Q and probability of next lowest, R Initial large numbers because icontracting areas Long periods of time because within contracted areas Results assured, given sufficiently large initial basis and sufficiently long periods of time

Lonergan Notes – Insight Lect. 5, p. 3 (Ch. 4) 18 Scheme of recurrence If X occurs, X recurs If P functions, Q can function Conditioned series of schemes Decovering athems Q functions, R can function any world with similar laws Seriation possible probable what is likely on assumption of this world actual what has and will happen (ed) Incompant design emergent probability Probability of a Scheme A Knew existence of prontem Wighted schutter Scheme: If A, then B; if B, then C; if C, then D. . Collieur Vorld View 2. 1. each event in any world situation will have a probability mechanist deterministe A_{r} p; B_{r} q; C_{r} r; . . . desident inw (porcimany) confusion of 2. if scheme not yet possible occurrence of A & B & C will be par limpginotive screme now possible p + q + rmachanist - much part of matter spaces determinately an 3. hence Emergent probability assumption par . . . to p + q + r + when scheme decomesispossible actions to constructed 4. when possibility includes a probability (p + q + r + ...Then probability of survival of chance work there chonce variations - probability of emergence Conditioned series of schemes of recurrence each with its probabilities of emergence but misses out berand survival, conditioned series of themas Initial situation and probability of lowest schemes chading to probabilities 1. Occurrence of P and probability of next lowest schemes, Q 2. 1. Rejection of contraction of area; on 3. Occurrence of Q and probability of next lowest, R Initial large numbers because contracting areas Long periods of time because within contracted areas Results assured, given sufficiently large initial basis and sufficiently long periods of time

Lonergan Notes - Insight Lect. 5, p. 4 (Ch. 4) 19

Clarification by Contrast

1. Aristotelian

Prime movers - demythologized polytheism

Heavenly spheres - 47 or 55

Terrestrial process -

Regularity and perpetuity of process due to H. Spheres

mercurial, jovial, martial, saturnian

Immanent design : emergent probability

A Knew existence of problem Mythical solution

2. Galilean World View

mechanist determinism

confusion of

abstract law (parsimony) Imaginative scheme

mechanist - each part of matter operates determinately on other parts

determinist - there are no outside parts to interfere

probability = cloak for ignorance

3. Darwin natural selection of chance variations

chance variations - probability of emergence

natural selection - probability of survival

but misses out basic element - conditioned series of schemes

related according to probabilities

Indeterminism

1. Rejection of mechanist determinism

2. Retention of

appearance

reality

reductionism

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Lonergan Notes - Insight Lect. 5, p. 5 (Ch. 4) 20

Classical laws are macroscopic appearances

Statistical laws are microscopic reality

a classical laws are not appearance

3.

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they are verified

statistical laws cannot be formulated

without presupposing classical concepts

Mass

energy-time

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Energy

position-momentum

6)

Space

Time

reductionism is just a <u>blunder</u>

Lonergan Notes - Insight Lect. 6, p. 1 (Ch. 5) 21

Space and Time

1. Apply canon of complete explanation

I. Problem Peculiar to Physics

a	Propositions	it is cold	2 + 2 = 4	
	Expressions	il fait froid	10 +10 = 100	
	Expression	invariant same med stated relative different different	aning no matter when or meanings when stated places	[,] where at
b	ground of inv	variant expressions	abstract	
<u>с</u>	invariant <u>"is"</u> Maths Chemistry Biology <u>Abstract</u> [Invariant exp	Pure water <u>is</u> John <u>is</u> hare a no problem <u>Physi</u> principles and laws] pression reveals abstro	H ₂ O now 1. principles and I ics to local motions 2. expressed relative reference frames 3. which are an ir demands <u>invariant exp</u> act [principles and late	aws refer s rely to s offinity <u>pression</u> ws]
<u> </u>	and Time <u>Given</u>	Durations <<	in experiencing in experienced in experienced in experiencer	
		 <u>a</u> Propositions Expressions Expression <u>b</u> ground of invariant "is" <u>c</u> Maths Chemistry Biology <u>d</u> <u>Abstract</u> [Invariant expression <u>xace and Time</u> <u>Given</u> 	a Propositions it is cold Expressions il fait froid Expression invariant same measured Expression invariant same measured Expression relative different b ground of invariant expressions Pure water is invariant "is" John is hare c Maths Pure water is Chemistry no problem Physi Biology no problem Physi biology Durations State b Given Durations Chemistry Extension State	a Propositions it is cold $2 + 2 = 4$ Expressions il fait froid $10 + 10 = 100$ Expression invariant same meaning no matter when or stated a relative different meanings when stated b ground of invariant expressions abstract b ground of invariant expressions abstract Pure water is H2O invariant "is" John is here now c Maths 1. principles and I to local motions Chemistry no problem Physics to local motions Biology 2. expressed relative reference frame 3. which are an in d Abstract [principles and laws] demands invariant expression reveals abstract [principles and laws] bace and Time In experiencing In experienced cliven In experienced In experienced in experienced In experienced In experienced

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	a shata shekara	·····		Lonergan Notes Lect. 6, p. 2 (Cl	- Insight n. 5) 22
	Space -	on basis of <u>given</u>	in cont	inuity with <u>given</u>	
	Time Space Time	imaginary – with/par	t given – any	where will do	
• • • • • • • • • • • • • • • • • • •	Space Time	only if reference fran	195		
		1. Personal			
		2, Public 3. Special	<u>Clocks</u> <u>C</u> Math Phys	alendars <u>Map</u>	
Trar	<u>isformations</u>	AT my right is AT <u>Public</u> maps io re <u>changing w</u> <u>Special</u> Equations r	your left – late maps atch Eastern elating <u>× y</u> :	<u>Personal</u> n Central Mount <u>P</u> z t with <u>x" y</u> "	ain acif fc Time <u>z'</u> *
Ger	naralized Geo	ometry			
	Transfor	mations from K to K'	·		
	A geom	<u>a</u> presuppose a geom <u>b</u> use Transf. requarie stry is a set of principie	wtry to deterr ons to classify os and laws	nine <u>Trans.equation</u> geometries	
· •		their proper exp res sio	n <mark>is invarian</mark> t		
· · · ·	There a	re as many geometries a	s there are gr	oups of transformation	tions
	that lea ds ² = 1 where g	ve distinct sets of expre g _{ij} d _{xi} d _{xj} [i are_covariant tens e rs	issions invaria i, j = 1,2,3 of second def	nt 3, gree	
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Lonergan Notes - Insight Lect. 6, p. 3 (Ch. §) 23

What is Space, Time

- 1. Extensions ordered in a reference frame
 Durations
- 2. Any reference frame is particular [origin, orientation] and there are an infinity of them

Every reference presupposes some geometry, and there are many geometries

- 3. Convenient Euclidean
 - Objective the one whose invariants

are the verified laws of physics

Absolute Space

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vertical straight line

parabola

relation to sun

relation to nebulae

apparent motion

relative to set of sternal immutable places

true motion

Bugket experiment proves true motion in sense it is true that water is moving

does not prove that there is absolute space

-------> Newton - divine sensorium

penny dropped in train

------> Cambridge Platonists - God real because everywhere, always

Antinomies

Lonergan Notes - Insight Lect. 6, p. 4 (Ch. 5) 24

Absolute Time

If two events, P, Q, are simultaneous for one observer, then simultaneous for all Quite apart from movement of clocks, earth, etc., there is some constant velocity equally flowing everywhere that divides past and future in same manner for everyone.

Apparent simultaneities - one true simultaneity, that is a little hard to come by.

Aquinas

Time is number and measure of motion

Many motions

Many times

2. Primum mobile

3. Copernicus

4. $2t = t^1 + t^{11}$

which is the reference frame at rest Michaelson-Morlay experiment

5. Absolute lies not on level of particular events

but of "invariant law"

Rods and Clocks I Galilean

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<u>Measurement</u> distance Newtonian – , ,

time

invariant under all legitimate transformations

Lorentz-Einstein

invariant is ds

 $ds^2 = dx^2 + dy^2 + oz^2 - c^2 df^2$

spatial and temporal can interchange

as many measurements as <u>reference</u> framos moving with relative const <u>v</u>

		Lonergan – Note Lect. 6, p. 5 (ch. 5) 25
11 <u>Elementary Par</u>	adox		
1. Fitzge	rald contraction unit	t of short time th	ter in K ^u an in K
2. (5) an	d (6) distance is betw	veen point P' at time	t
		P'' at time	H
(9) an	d (10) time interval is	between clock at B *	
		and clock at P"	
	queer method of sync	chronization	
3. standa	rd rod is spatio-temporal	invariant is <u>ds</u>	
standa Fi	ra crock is spario-tempo ramas normal when	rai f emporal component of ur	it of length is O
	sp	atial component of unit	of time is 0
			• • •
Function of M = tr	om things as related to	US	
to	things as related to one	e another	
Possible but clumsy - si	ate measure in proportio	on of each to all other	
E g uivalent and neat — s	tandard unit – to which	all else referred	
Standard unit	conventional – just this presumed or acquired kn	length nowledge	
	does length of bar vary	with temperature	
		with time	
		with local motion	
		with frame of referen	C9 All and a state of the second s
cannot	compare yesterday (and today	
	here	and there	
• • • • • • • • • • • • • • • • • • •			
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Lonergan Notes - Insight Lect. 6, p. 6 (Ch. 5) 26

Size

magnitude apart from geometrical considerations "big" "small"

spatial size varies	Internally		growth expansion	
	externally		distance from eyes	
temporal size	external	:	$\frac{\psi}{x}$ times	
	Internal	:	one second - short	
		l	20 years – long	

Length size fitted into geometrical structure

straight line - points

fixed, moving - distance at same time

fitted into mechanical device - constant velocity -

Measurement

Newtonian

<u>object</u> standard = <u>20</u> 7

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Relativity "at the same time"

measurements differ

because geometrical structures differ

Normal frames

spatial standard – temporal component zero temporal standard – spatial component zero

Not

General Relativity

Measurement as interfering with measured (Q.T.)

Concrete Intelligibility of Space and Time

Matrix for Emergent Probability

Size of universe

Duration of universe

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Lonergan Notes - Insight Lect. 7, p. 1 (Ch. 6)

Common Sense

in every walk of life

Intelligence

in every age, primitives, A.H. C., . . .

conspicuous by contrast with less intelligent

Similarities and differences

- 1. Questions; children
 - What? Why?

Blanket answers

2. Spontaneous accumulations

Incompleteness Q. Α.

thought

New Insight

answers

≥^{professional} 3. Spontaneous collaborative teaching communication of further Sunspecial ized insights

oction word

tested

there exists a fund of

accepted

4.

method

<u>CS</u> – reach a nucleus of insights

if a few more added, then

situation

what is to be said

what is to be done

not analogy but constant nucleus

variable additions

C

not generalization, principle, but proverb

validity of rules of grammar

5. Science ------> technical language

measurament, things as related to one anothe logical rigor, exhaustive communication

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Lonergan Notes - Insight Lect. 7, p. 2 (Ch. 6) 28

Common sense ----- not universally valid, not things related to one another

-> does not admit formulation - nucleus not true in particular

no use for technical language, formal mode of speech

communication - one incarnate intelligence revealing itself

to another

"wink is as good as a nod"

elliptical - you understand or not

that is not what I mean

hint, suggest,

6. Selection

1 abstract system with sensible consequences

2 concrete nucleus able to deal with particular and concrete situations

that make a practical difference

7. Not choice between 1. Logic Muth Sc

2. Common sense



8. Variants divisions of C.S.

every difference of geography, occupation, social arrangements

appropriate differentiation of C.S.

change place, persons, job - New variant needed

ythings

CS_relates things

to us





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Q:

Lonergan Notes - Insight Lect. 7, p. 3 (Ch. 6) 29

Patterns of Experience

a sensation is abstraction

not just succession

"real" and visible colours "real" and visible shapes

but <u>stream</u>

1.

interest attention conation

Thales and Milkmaid

Biological pattern

a beast of prey and quarry

			constion	bodily movements
outer sense	memory	imagination	CONTRACT	new sensations
	l .	•	entotion	now movements

<u>b</u> animal and plants

both alive - plant no consciousness - slow adaptation

enimal part-time consciousness - rapid adoptation

extroversion - animal consciousness directed on external world

built to deal with it in rapid adaptation

otherwise - dozes, asleep

confrontational element of consciousness

Plaget - developing groups of operations

Aesthetic Pattern

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1. experience can occur for sake of experiencing

beyond confines of serious-minded biological purpose liberation of consciousness - spontaneous, self-justifying joy

 play of children, games of youth, sun-lit morning air, sweep of a perspective, swing of a melody

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Lonergan Notes - Insight Lect. 7, p. 5 (Ch. 6) 31 Kanokayados First work of art is in man's own living materials are given - form is to be added 2 3 not freedom of poet, painter, sculptor, builder, singer Enbarras ment degradation food, dress, sex shame ridicule amusement laughter not a role to be learned, emotions to be built up Spontaneous) Drama not first materials then pattern Sportaneous first role then feelings pattern emerges with the materials but role emerges with the feelings Industry Advertising Technology <u>caich</u> Basically appeal is to dramatic Financiers inegination subject Elements In Dramatic Subject psychic possibility of drama = possibility of acting it out 1. neurai ntuscular animals very large differentiation of response to nuanced differences of 2. stimuli but largely a native endowment can be trained up to a point

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Lonergan Notes - <u>Insleht</u> Loct. 7, p. 6 (Ch. 6) 32

3. human boings : initial plasticity and indutorminacy---greatest variety plantst

speech wailing and gurgling of infants adjuncts reading prattle of children writing

articulato communication of elmost anything basis

conventional

signs

7

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4. <u>mychic controls noural--neural has proper depends for conscious inter-</u> gration

of intellectual pattern subordinated totally to intellectual dims

----- <u>pattern</u> objects out - affective development

Censor an aspect of interdependence

Dramatic dias

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1. a Theoretic subject - orientated on

insight alone

organized for

<u>b</u> Spont_neous subject - open-sysd the' within dramatic-practical context

<u>c</u> Bias cultivation of a blind spot not deliberate, chosen, prior to emergence of images, insight

2 emotional reaction of distaste mide dread horror revulsion either no insight

or, if it occurs, then no retinue of complimentary

and rationalization, insecurity and discutet

Lonergan Notes - Insight Lect. 7, p. 7 (Ch. 6) 33

a Repression of Image that leads to insight but prior exclusion of understanding dream of lions and no fear

not lions you are dreaming about

5 Out of contuct not understood by others inner ego - shadow

harder to learn, profit by accumulated common sense of milleu

6 Parformance

slips of the tengue -

Affect slips along association path

dream us psychic firsibility

obscurity - preservation of identity of rational subject

screening memories

sexual development

ever years

[>]biological davelopment

7 Perhaps reason for exclusion – resists transf

<u>Resistance:</u> It is one solution to problem of living

and expressed affectivity

- retrospective education

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repressed

brought out Into open

centered on person of analyst

8 Stekel

Transference

Sullivan selective inattention

scotema

Clarke Thompson Illuminating moment

Gregory Tilboorg

Petients get all serts of Insights - but they are mistaken

just resistance

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Lonergan Notes - Insight Lect. 7, p. 8 (Ch. 6) 34

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Freud Freud Formulation - within "scientific context" of mechanist determinism

pan sexualism

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"real man" is not the monster pulling the strings behind the scenes

artistic liberation of human animal

endiess potentialities _____saint, suicides.

potentiality for abominations exists in us

but they are what we reject

they are not our true selves

our true selves are what do the rejecting

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	Lone Lect	rgan Notes → h . 8, p. 1 (Ch. 7	nsight) 35
<u>Common Sense as Object</u> <u>Common Sense</u> relates	things to trai us	nsforms thing	33
Practical Common Sense		I	•
fruit gatherers			
fishers – nets	invention - every	/ man inventive	
hunte rs - spe ars	<u>capital formation</u>	obsolescence - nev	w production
division of labour	labourer		
specialized skills	skilled werker		
	technician		
	entrapreneur	nareement	
	specialist in gra	decision	politics
challenge and response	situation insight	proposal decis	ion action
		new situat	tion
Dynamic Structure	r ·	PRIME	PUMPS
1. Emergent probability	"If X occurs, X i	recurs" Frince, the	e pauper just
		ł	round
1. rhythms, altern	ations of nature	inan Imate	
	ranatition	711)IIIC10	
2. technology -			
2	Connitions per		
		· · · · ·	
4. rotificel machi	nery of agreement a	nc decision	
Z. less and less import	ance to outer circun	istance	
more and more to c	constructed habitut,	tools,	
to <u>a</u>	cquired habits and e	ase in changing l	hem

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(jana) 1990-1993

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Lonergan Notes - Insight Lect. 8, p. 2 (Ch. 7) 36

3. practical common sense of a group

shoemaker

functional unity of practical developments

Intersupjectivity and Social Order

Intersubjectivity

1 - Thou relationship

Life encountering life

Spontaneous structure of consciousness

Nutual <u>revelation</u> of

fear desire anger affection

(Not inquiry, investigation)

measuring

"Thou" not an object of scientific

ordering

predicating

but answering, personification -- inanimate unknown

Mother-child - - Husband-wife Extension to clan tribe nation

Social Order

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capital formation

an added superstructure

technology

economies

politics

soon not an optional adjunct but necessity

growth of population

standard of living

way of earning living

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Lonergan Notes - Insight Lect. 8, p. 3 (Ch. 7) 37

Tension of Community

Spontaneity and intersubjectivity -- You are Xfs - members of one another

and feel lt

?

1	capital	
Super-structure	technology	
	economies	again members of one another
	politics	but do <u>not feel it</u>
	,	only understand it

sequential change Time of adaptation Time of troubles (breakdowns) Cultural development

Dialectic of Community

- 1 Flato Aristotle Medieval Hegel Marx
- 2 Concrete, dynamic, contradictory
- 3 determinate events

reduced to either or both of two principles

principles opposed yet bound together

principles modified by their consequences

4 determinate events -- socio-historical

two principles

spontaneous intersubjectivity

practical common sense

demands of intelligence rationality

opposed

demands of spontaneity, affectivity, repose

modified by consequences

common sense has to take rebellion of spontaneity into account

adaptation of sensitive spontaneity

situation - insight - proposal - agreement - action - new situation

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Lonergan Notes - Insight Lect. 8, p. 4 (Ch. 7) 38

common nonsense

Individual Dias

Egoism, Altruism - Good and Bad

not on level of animal spontaneity

carnivorous animal care of offspring

but on level of intelligence rationality

Ar should one love oneselt

in popular sense NO

properly

to love to will the good for someone one must will wisdom and virtue for self

finest things in the world

without them one can be a friend to

neither self nor others

Egoism

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not spontaneity with intersubjectivity

not proper love of self - wisdom and virtue

but a biased development of intelligence

Really intelligent, detached - cool schemer, shrewd calculator, hardheaded, self-seeker

does not indulge in wishful thinking

But only up to a point - stops short of understanding more than is to

his interest

that won't work you got to live charity begins at home

Instrumental ism oragmatism

Lonergan Notes - Insight Lect. 8, p. 5 (Ch. 7) 39

Group Blas

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Egoism of the group,

does not have to defy judgments of others all in the group think for the group judge the rest of the world

	lnoðe	a the rest of the world	
Group /	industry -	division of labor	
	technology	differentiation of s	cills
• •	economy	differentiation of n	i nds
	polity		
<u>D</u>	superstructure of indu	uced schemes of recurre	nçe
	adaptation of sensitiv	vity, intersubjectivity	
	draws on imagin	ation emotion sentim	ent confidence
· ·	familia	rity loyalty	<u>.</u> .
	an inertial force		
<u>C</u>	Resistence to intellig	ent, reasonable change	
	against the inter	rests of the group	feather-bedding
	Cycle of situation	insight decision	action
	insights ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	erative —⇒ no group re	sistance e of powerful groups
		noperative	
	distortion of soc	ial process	
	stratification of	stronger	advanced
	sildiffication of	weaker,	backward
	differentiation a	E groups social fi	inction
	andren junur U	social su	ICCESS
dam tam	reactionary		
dommu	progressive		
			· · · · · · · · · · · · · · · · · · ·

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Lonergan Notes - insights Lect. 8, p. 6 (Ch. 7) 40

General Blas of <u>CS</u> generally

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men — rational animals — development of animal more rapid, more assured few make rationality center of their lives

> center of their thinking judging

Common sense - a special branch of human knowledge

all special branches apt to think themselves the solg

valid reliable form of knowledge

C.S. apt to do so more than any other

most ignorant

of itself of others

blind to larger issues to long-term results West cannot conceive Marxist philosophy as a set of principles

Longs for discussion, compromise, like good businessmen

The Longer Cycle

Shorter cycle

Longer cycle

dominant groups ----> their advantage

depressed groups----->clamour for generalization of advantage

general blindness to larger theoretical issue

to long-term results in the long run we shall all be dead

to higher integrations

only practical ideas are ideas backed by fear

desire

to be intelligent and reasonable is not enough

Implications of Jongar Cycle

1 Cumulative deterioration of social situation

less and less realization of sound ideas, coherent whole

some grew like tunors, others strephy

situation an objective surd - object of inverse insight 2. i ounting irrelevance of detached and disinterested intelligence

culture -----> lvory tower

philosophy ------>high technical competence - no firm grasp no grasp

irrelevant to life as it is, because they are rational

life is penetrated with surd

Lonergan i otes

Lect. 3, p. 7 (Ch. 7)

– Insight

Surrender of datached intelligence

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it becomes the spokesman for the vital, real, things as they are

it ceases to offer independent norms

It finds its norms in the reality of human living in so far as intelligent in to far as absurd

syncratism, empiricism, positivism, prognatism, instrumentalism

4. <u>Succession of 3ower viewpoints</u> adaptations of theory to practice In limit theory is myth

practice is totalitarian

Catholicism - tratestant revolt - Religious wars

Rationalism

Liberal ism

Totalitarianism consciously devised myth

Loriergan Notes - Insight Leci. 9, p. 1 (Ch. 8) 42

Things

Unity - Identiy - whole

of a kind in some determinate aspect - precision from other aspects data individual, concrete,

	all of them	
Insight – one and the same in those data	all their aspects	whole
xtended in space	• •	

Fermanent in time

Fredication

Subject to change :

particular aspect

abstractive

Syltogism in limit : Mapter - Form - Moon

Syllogism – Moon, phases, sphere

: data as of totality

Supposed by science :

things as described, related to us things as explained, related to one another

investigation

#descript ion

conjugates

events

through things as described verification

Things

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subject to revision

Chemistry

Thing to existence

conjugate to event

Things - particular - of a kind - - reversion to phantasm

as

<u>a</u> thing present

b thing distant (use of frame of reference)

c thing as scientifically described (use of description)

Things as related to one another - not imaginable

in order of truth being

Lonergan Notes - Insight Lect. 9, p. 2 (Ch. 8) 43

-	same meaning as thing	, , , , , , , , , , , , , , , , , , ,				
	same meaning as	already	supposes environment			
		out	axtroverted			
		there	spatial			
		now	memory imagination			
		raal	meets biological needs, ends			
			_			

Galileo secondary qualities : not already out there now real

Descartes extension is material substance : is "already out there now real"

Newton true and apparent motion

Berkeley primary qualities also appearances

Hume data of consciousness also appearances (alread y in here now)

Kant Erscheinung

üodi

"already out there now real"

pre-intelletual pre-rational

arises apart from questioning

cannot be undone by questioning

unquestionable

Two meanings of reality Two meanings of reality experience and understanding and true judgment Both valid human

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Contradictory properties

also intellectual

non intellectual

non rational

also rational

Lect. 9, p. 3 (Ch. 8) 44 also experiential confused whole apprehension of

"really real"

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Lonergan Notes – Insight

Only problem is to eliminate confusion

Two principles

connected

opposed

Thing \equiv intelligible concrete unity rationally affirmed

experiential conjugates and C-S expectations thing for us explanatory conjugates and scientific probabilities thing itself necessary supposition sc. invest and verificat

a fecal pt of extreverted bielegical consciousness

Body

С

foregoing mixed up with thing)

Ideal ism Intuitionism Phenomenalism Existentialism RealIsm

Genus as Explanatory

Nechanist ~ real = already out there now

Determinism - related by laws

Any higher order - further body interforing with laws

Lonorgan invites - Instaht



so G.E.F. accounts for emergence of $T_1 - H_2O$

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Lonergan Notes Insight Lect. 9, p. 5 (Ch. 8) 46



not a matter of inquiring and understanding seeing deeply into real



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Lonergan Notes - Insight Lect. 10, p. 1 (Ch. 9) 47

· · ·]	ludgment		÷ •						•
	ʻ` 1 ,	utterand						:	· .
		sentenc	5- 5-				·		× • .
		proposit	ion						•
	2.	merely	consider - e.g	. read	~ see wh	at he is	saying		
	•	agree	disagree, assent	dissent	, affirm	deny,	true f	alse	
			ini	telliganc	e				:
	3.	question	is for ra	flection	Yes	Ne			
	4.	personal	commitment -	could s	iay da	on't know	N		
	·	•		could	rephrase	, revis		westion	
· · · · ·					distincti	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~		•	
					Laurun		I	· · ·	
			intellectual prob	ity,	responsib	ility		· .	. 1 : -
	5	امريما	nrecentrations ~	out	ter senses	1			
		161613	Presentations K	cor	nsciousness		highe) 7	
			intelligence			pres	upposes,	complem	ent
· .	·		reflection			ł	lowe	r	
· · ·	6.	partial	contributions to a	whole					
	41. 		proper content	of judgr	nent	Yes	Est	Est	
						No	Non	Non	
			total content of	f judgme	nt				
			Yes to C	for refle	ction				•.
			about conc	antual e	unthatte				
· .				epros a	711110313				
		•	due to und	erstandir	ng plus im	age			
	7.	as man	y acts coalesce i	nto <u>cne</u>	knowing				
•.	•	so man	y partial objects	coalesce	into <u>one</u>	known			

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Lanargan Notes - Insight Lact. 10, p. 2 (Ch. 9) 48

what is experienced is investigated what is investigated is imagined what is imagined is understood what is understood is conceived what is conceived is reflected on what is reflected on is grasped as unconditioned what is grasped as unconditioned is affirmed

8. Contextual aspect

judgment = single increment in knowledge surrounded by retinue of complementary

judgments

clarify, explain, defend, complement

Fast to present

direction of attention

evaluate new insights

finds formulations

influence Yes or No of new judgments

coherence or incoherence ----- revision

Present to Future

V ithin present

QQ with answers

QQ awaiting answers

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dynamic process

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Lonurgan Notes - Insight Lact. 19, p. 3 (Ch. 19) 49

Reflective Understanding

Emanatio inteligibilis 1. An est 👆 Est

2. x = grasping the sufficiency of the evidence

If not grasped -- Ist would be mere guessing, not judgment

Coubt would be silly if grosped

it sufficas – it is an absolute 3. only sufficient reason is an unconditioned less does not suffice

assant is unconditionad (Newman) - not just proportionate to evidence

a more or lass

if some evidence, perhops not sufficient possible

probable

truth is an absolute - once true, true for everyone

expression may need to be changed

Caesar crossing Rubicon

objectivity is an absolute a not what I imagine, think, seems but what is formally (only God)

unconditioned

virtually : conditioned with conditions fulfilled

If A, then 3 Intelligence Syllogism from viewpoint of judgment

formal inference if "if A then C" and "At stand for true judgments non-inferential when "if A than \mathbb{C}^n and "A" do not stand for true judgments.

5, fulfillment data

link

intelligent and rational process from data to conditioned

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Lonargan Notes - Insight Lect. 10, p. 4 (Ch. 10) 50

age of reason,

analysis of jurgments exceedingly complex

many insights ---- beginning of judgment

adult, 21

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wise man , 40, 60, 80

Emphasis fails upon fulfillment - concrete judgment of fact 7.

> "something happened" supposes fumiliar known context

8. Emphasis falls upon correctness of insight

Supposes "into further relevant questions" - hits the bull's eye self-cor-Not none seem to me - but there are none recting process of , ^{rash} learning Temperament hesitant

Each has to make his own judgments on his own responsibili

- Some judgments not ever hesitant
- Others

- not ever rosh

venture to pronou

hesitate

Common-sense judgments

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concrete judgments of fact cf a

> correctness of an insight Ь

common sense use of analogy and generalization C

Source spontar:eous

3.

qq

self-correcting process of lac

collatoration

accumulations

things-for-us, things as described, things as concern of everyday living Cbject 2.

Relation to Sc begins from things as ordinarily described S C

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moves towards its own description

knows things as explained

Lonorgan Notes Lonorgan Notes - Insight Lect. 10, p. 5 (Ch. 10) 51

no real conflict. provided different domains are recognized common same unable to put in qualifications

scientists long incapable of doing so

not two tables but one in terms of both ordinary description

scientific explanation

Frobable judgments

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hence

1. Not probability in sense of ideal frequency

a judgment is not probable because it occurs frequently Not just a guess - an unmotivated assertion 2,

a non-rational venture

approximates, approaches, converges on "unconditioned" 3. e.g. / lato - | if you know truth, why inquire if you do not, how can you recognize i: what does this mean

just as reaching truth, so coming near it can be recognized familiarity self-correcting process of learning moves towards a limit

> when almost there probable

master of situation

science moves towards a goal of complete explanation

all that B explains

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if hypothesis A explains

neares more than 2 explains

Lonargan Notas – <u>Insight</u> Lect. 10, p. 6 (Ch. 10) 52

<u>Analytic</u> Propositions	and Frinciple	5			
Synthetic	rəgards	Insight			
inalytic	regards	judgmant	U.	nconditioned	
Propositions ful	filment	definitions	of terms		÷
lin	<u>k</u>	syntax link	ing terms	to complete sense of	contence
If such and s	such definitio	ns accepte	d, then p	roposition must be ac	:copted
2.3. If <u>A</u>	is what has r	elation <u>R</u> 1	o <u>C</u> , the	n there cannot be a without relation <u>R</u>	n A to B
Principles Defin	aitions are ac	cepte d	if d	lefined exists	
			ifd	lefined (in sense defin	ned) occur
			i	n concrete judgment	s of fact
Eve	ry contingent	being has	a cause . sts necessi	Joth analytic prop	ositions
Soth become and	lytic principle	es when the	re occur	the concrete iudamer	nts of fact
1. con	lingent being	s exist			
2. Co	d exists and d	God is nec	essariiy e	existent	
Transition from o	bject of thou	ght to ex	istent	contingent being	
		af	firmed	God	
					440 440 44 0 44
Provisional Analytic	Principles				
Concrete juc	igment of fac	t assarting	existence	e of defined is a	
	pro	omable judg	ment -		

Result analytic principles that are provisional

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accepted as long as judgment regarded as probable

Arthur Pap, A Priori in Physical Theory Insight p. 309.

Lonergan Notes - Insight Lect. 10, p. 7 (Ch. 10) 53

Function as a set of definitions Boyle's law in determining Charles Boyle and Charles in determing Gay–Lussac Feriodic Table in Chemistry

Kathematical Judgments

Suppose

Suppose

hence - Minimum Theory N. Barbak: 2. Froblem of foundations is not mathematical

N. A inimum Theory insufficient - 1. offers mathematics as analytic propositions

but not all analytic propositions seem to be mathematical

there is a significance possessed by math

not possessed by any analytic prop. whateve

2. does not account for genesis, development of maths

Euclidean insight needs control

but also it is needed

problem

refuses excluded middle

demands construction of all basic terms

not accepted because rejects large sections of "classical" maths

would be accepted if he could construct

to some extent he is doing so

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Intermediate Theory . (Goriseth?) "dialectica" interaction between math and other cultural phenomena [1]

L.E.S. Brouwer

Maximum Theory

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[science |literature |philosophy

logic

Lonergan Notes - Insight Lect. 10, p. 8 (Ch. 10) 54

* Note

Older Theories

Hilbert

maths infinite operations

logic finite operations

Ladrière

Gödel

Lonergan axioms are serially analytic principles

i.e. nath's deals with ceries

V hitehead-Russell - reduce to logic

series of numbers integers, rational, real, ordered sets

series of geometries

series of functions - Analysis

series of manipulations - Algebra

the whole series does not occur in concrete judgments of fact

1.

exists

but some member of series

- 2. is an idealization of what exists
- 3. is connected with a

series of which some member is an idealiza-

tion.

Jonseth .

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Intermediate Theory

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Gonseth Growth(?) "dialectica"

interaction between maths and other cultural phenomena

science literature philosophy logic 7

Lonargan Notes - <u>insight</u> Lect. 11, p. 1 (Ch. 11) 55



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Weissen in State Maria State S		•	ter an	Lonergan Lect. 11,	19 0 tes - 1 19.2 (12h. 1	nslight 11) 56
	Fulfilment is Cor	icomitant	16			
	act: seaing, he	uring, smelling,	tacting, i	ouching	Imagining	insight
	centent: colour,	, sound, oder	sweat t bittar v salt r sour s	iot-cold vet-dry ough-smooth oft-hard isavy-light	image 1	<u>idea</u>
· .	n	ot only content	but also	act is giver	<u>1</u>	
		concomitant	conseleusnoss (; givenness	•f act	
· · .	<u>Impiries</u>	<u>1 </u>	marely given			
· · · ·	Intellec	<u>tual</u> what	is given is cons	cious <u>intell</u>	igence at wo	<u>rk</u>
	/		intellectus a	gans -	inquiry	
			_រ . ossi ว	ilis –	Insight	
		:		_	1	oucht
			emanatio Int		concept, the	
	Rational	 	emanatio int		reflection	
	Rationa	 	agens	 - -	reflective un	
	Rationa		emanatio int agens jossivilis emanatio	 - -	conce _r t, the reflection reflective un judgment	nderstanding
	Rational only vi	i a consciousness	emanatio int agens possibilis emanatio - acts descri	ptively (?)	concept, the reflection reflective un judgment stupid silly	nderstanding surd ungrounded
	Rational only vi	i a consciousness intelli	emanatio int agens possibilis emanatio - acts descri igence of subjec		conce _r t, the reflection reflective un judgment stupid silly	nderstanding surd ungrounded

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Lonergon Notes - Insight Lect. 11, p. 3 (Ch. 11) 57

not only datum

but also embarrassment

never had experience of understanding

of Inquiring

Intell

of thinking

I never had experience of judging rationally

Unity of Consciousness

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on side of object	what is experienced inquired about imagined intelligently	
on side of subject	cannot be inquiry about what I do not exp	erience
and the second	no insight into your images	
cf Kantian "synth	netic unity of apperception" leh denke	
in Kant	a logical condition of possibility	
	not given in consciousness	
"empirical ego"	object of inner intuition = phenomen	on
<u>/s given</u> (What does that mean)	experiential fulfilment	
	qua conceived	
cf PV = 64	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
	just seeing needle at number	
	seeing foot rule beside dimensions	
REVERSAL to consc	iousness	

Lonergan Notes - Insight Lect. 11, p. 4 (Ch. 11) 58

is fulfillment given

Each must answer for himself

but if question put, then rationally conscious - em 1

If question put, I know what it means

What do "I" mean by "I"

l could go about defining !! | am a man, rational animal

a subject, when awake

but there is a prior knowledge (component) by which

I can tell what is meant by "1", which definitions are correct

do I see or am I blind

hear deaf

touch insensible

try to understand

did I ever understand

did I ever think out just what I understood

did I ever reflect

grasp sufficiency evidence

anyone who denies that is crazy

Self-affirmation as Immanent Law

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If Socrates is sitting, necessarily he is sitting conditioned necessity Not 1. I might not exist, 2. I might not be a knower absolute necessity 3. I might be a knower of some different type

Am I a knower. Yes is a coherent answer

No is incoherent

1 do not know - if 1 know 1 do not know - 1 know

I do not know I do not know - NC

Lonergan Notes - Insight Lect. 11, p. 5 (Ch. 11) 59

Scepticismus universais repúgnat

i.e. Aristotle Get the sceptic to talk

empirical intellectual uses his conrational sciousness does not acknowledge them or their implications

contradiction

Natural Law on leve! of mind

I cannot avoid experience

I cannot repudiate my own rationality

1 cannot repudiate my own intelligence

"cannot" not absolute but conditioned necessity

it is just a matter of fact that I have a mind it is just a matter of fact that my mind is what it is

Basis if Metaphysics - factual

of Pure Reason

Description and Explanation

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description – such and such acts e.g. initial description of Insight experience

explanation - defined by mutual relations

reflection - unconditioned judgment inquiry - for - insight - form about into data phantasm <u>SUBJECT /CIS REL/TIONIS GIVEN</u>

		e te de la companya d	- the give in the second se	un en la serie de la serie La serie de la s La serie de la s
			Lonergon Notes Lect. 11, p. 6 (C)	- <u>insight</u> a. 11) 60
	Not subject to revision	in any non-fanciful	meaning of term	
	^{مهم} ار	eals to further data	unaccounted for	
	revision , und	erstands and furth	ous data	
	کر and	so at least is more pro	obable	
	revision involves	experience understanding judgment		
· .	Implicit in any judgment	of fact	1	
	fulfilment	- data		
	link	- intelliger	nce <u>Single</u>	subject
	unconditioned	- judgment		
	Contract with Kantian And		میں میں ہوت ہیں ہیں ہیں میں میں میں میں میں ایر ایر ایر ایر ایر ایر ایر ایر ایر ایر ایر ایر ایر	
	1 We arrive at se	(f-offirmation		
	Kant has only	I shenomenal "ear	, 1	
	italii has only	2 logical postulate	of synthesic units of a	reacception
	2 Kantian insulw	deductive - conditions	of possibility of knowin	a object
	Quet Interspecti	ve - what are the	activities	
		do they de far		
۲. ۱۰ ۲. ۱۰ ۱۰ ۲.	3 Kantian thing it	helf - noumenal unknow	wn	· · · · · · · · · · · · · · · · · · ·
	Curs thing a	n explained		
	<u>4</u> Kant - s	ynthetic a priori judgm ui	ients niversal and necessary	
	Ours - j	udgment of particular a	concrete fact	

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Lonergan Nates - Insight Lect. 11, p. 7 (Ch. 11) 61

Relativism

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- vs Empiricism presentations alone do not account for human knowing intelligence needed
- 2. Realism vs Relativism judgment vs intelligence and sense

3. Criterion of truth = unconditioned

reached by understanding everything

and we do not understand everything

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Internal relations no

no father without a son

everything so related and so no term known until all relations known

Basic terms defined by operations

"is" = Yes

operationally no obscurity

"Typewriter" = machine for writing

"This" = reversal to sense

many further questions

but also initial g of fact - via "virtually unconditioned"

internal relations confined to explanatory system

also facts, surds

Lonergan Notes – Insight Lect. 12, p. 1 (Ch. 12) 62 Notion of Being unity on side of object an - objective of pure desire, of dynamism of intellecti sit 1 Notion quid \ isit implicit - Every concept qua realted to judgment id cul suo modo competit esse 2 <u>3</u> Concept Explicit - Theories of Being experience Knowledge - Judgment - Frior to unconditioned 2 3 thinking Divine Essence | content of unlimited act of 1 idea understanding in terms of the defined, of what the defined is, man is rational animal are concerned with defined Definition in terms of the operation's by which we 🦿 conceive defined defined know

by correlation

asserts

rts if you know, you know being

if you desire to know, then you desire to know being does not assert : whether you know or what you know

Unrestricted Might there not be something beyond range of our minds? If we ask about it, included in range of our questions

Spontaneous It already is had prior to any reflexive explicit account of it

Notion

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- of finality (materia appetit formam)
 - hunger (finality given in empirical consciousness) wonder (finality constitutive of intellectual consciousness) reflection (finality constitutive of rational consciousness)
- = <u>qua</u> finality constitutive of intellectual and rational consciousness. Intentio intendens - intenta pensee pensante - pensee

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noema

Lonorgan Notes - <u>Insight</u> Lect. 12, p. 2 (Ch. 12) 63

Is notion of Being abstract

It abstracts from nothing

It is prior not only to knowledge but also to concept of anything

notons omnia facere et fieri unrestricted potentiality concept essence actually does not include judgment existence potentially it includes all known by act potency for act defined bt act is to analogous to abstraction - something that be added and not explicitly

and actually added yet

different from abstraction – abstraction is an omitting what later can be added

potentiality is for act but of itself is not yet act

can

Kas Being presuppositions, properties

has all the presuppositions and all the properties of all that is

Has notion of being presuppositions, properties

it is intellect qua unrestricted potency

so it has presuppositions, properties of intellect gua unrestricted potency

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All-pervasive underpins

penetrates

goes beyond

Core of Meaning If you mean, you mean being

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Lonergan Notes - Insight Lect. 12, p.3 (Ch. 12) 64

Fuzzling

What stands to all concepts as prior to all

penetrating all

going beyond all

has not the same properties as the concept -

assume that it has and puzzles follow. 2.

Concepts of proper knowledge express act of understanding - e.g. circle

Does concept of being express act of understanding.

1. We do not understand everything about everything

2. God does

3. Vie naturally desire to know God by His essence

Is notion of being an essence: Has It an essence?

It includes each and every assence

It goes beyond each and every essence

It is prior to thought of any essence

penetrates every essence

goes beyond every essence

Knowledge of everything about everything Knowledge of divine essence

Divine essence includes divine power

Knowing divine power E Knowing possibles

is it an univocal or analogous concept

It is not a concept

ts it univocal - qua potency (one and the same potens omnia by many and diverse essences

qua to be actuated analogous -

each with proportionate existence

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Lonergan Notes - Insight Lect. 12, p. 4 (Ch. 12) 65

is our knowledge of being guidditative or analogous

Short of beatific vision	- analogous				
via beatific vision	– guidditative	esse	🛎 essence	5	powe

ls it a genus

H. T. Schwartz New Scholasticism 27, 1953, 373-403

Cenus does not contain its lown differences

color is added to by "red" "green" "blue"

being is not added to

but includes "red" "green" "blue"

Cenus as denoting "potential" "determinable"

- in the object

- in the developing knowledge of subject

being is concrete

but universal is known, is not concrete

so knowing universal is not knowing being

M, 9, 1086^b 13-20 1087^a 2. same science is of contraries.

Total Abstraction

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i.e. can abstract "man" from "hand" "eyes" cannot abstract "hands" "eyes" from man it is something like that except that it is not abstracted

Lonergan Motes - Insight Lect. 12, p. 5 (Ch. 12) 66

de facto

we wonder reflect

these activities have all properties of notiong of being

1. abstraction a usaless hypothesis

2. abstraction a false hypothesis

1. being is not just a concept

both precedes and goes beyond

If abstract then a minimum concept

but being all-inclusive, concrete, maximum the potential

3. abstraction is of essence

only essence of being is divine

A priori

- 1. not given sensibly it is an intellectual notion
- 2. not intuiting
- a mythical theory of knowledge

symbol affect-laden image that conveys a meaning and mediates an apprahension of values

myth

final

efficient

Analysis

3. imposed on object

on real object - it is just what real object is

on sensible object - sole component in knowing is not sense

insight enriching adds intelligible in act

distorts object no, perfectly transparent

what is it inverse inverse

ls it' Yes

causal ity

1. final does not deny exclude efficier

2. final is given in consciousness efficient includes things not yet known

No

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Lonergan isotes Insight Lect, 12, p. 6 (Ch. 12) 67

Aquinas ۱. Wisdom superior to Intellectus to science 1-11, 66, 5, 4m know being and not being, ea quae per se sunt entis not deducible from principles just a check basis of all principles <u>not a stage</u> in, argument every term presupposes a notion of being wisdom late – orders all and judges all hence "being" not to be settled without thought by appeal to what is evident to max | ignorance stupidity silliness Ar natural desire to know Meta. ..., 7. 2. Ag unrestricted - Quid est Deus ≡ Know God by essence ≡ Vision of God 3. because intellect is unrestricted "omnio" 🎂 ens 1, 79, 7 intellect fully in act must be infinite 1, 79, 2 4. CG, 11, 83, 31 5. being is per se naturally known De Ver., q. 11, a. 1, ad 3m cannot be ignorant of it cf natural knowledge of Logic 6. intellectual light, an immanent reality | vs Avicenna's separate agent intellect CG 11, 77 25 1, 84, 5 7. do not see but participate eternal reasons we argue from normative knowledge = of nature **intellectual light** absolutely normative = <u>nature</u> of intelligence, rationality as de facto given we do not intelligently investigate nature of donkey because unavoidable we have become donkeys intentionally únresistable i

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but because we participate God

Lonergan Notes - Insight Lect. 12, p.7 (Ch. 12) 68

Other Notions

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- Ceing as on level of intelligence, concept
 - 1. farmenides
- 2. Flato or our or forms eign 3. Aristotle - Fo TI AV ELMIE œUTION TOU ELVAL ≣ OUTÍQ

4. Scotus 🚆 not nothing a minimum content

Hegel 👼 minimum position

nothing merely that \therefore being = nothing essence essence existence Cajetan O.K. for "beings" - <u>distributive sense</u> but also "being" - TO TTAV-universe - <u>collective sense</u> and prior to both <u>potentiality to either</u>

Lonergari Notes Insight

	Lect. 13, p. 1	(Cin. 13) 69
<u>Objectivity</u>		
Luman Knowing	Iud	
Cyclic	und	
	ехр	
	context of judgments	
Cumulative	int. hab. of understanding	
···-· . •	manory	
	ł ·	Negatively
1 Frincipal notion - patt	erned set of judgments	
2 Partial experiential	empirical consciousness whole	hand boo
3 Partial normative	ys other desire	ates no valid proposition
4 Partial absolute	virtually unconditioned this is	s a wolf
Frinciple Notion		• • • • • • • • •
raitern		· · ·
I am a knower	This is a desk t am not thi	is desk
<u>B</u> Not in any single	judgment	
Not prior to any	judgment experiential	
Same validity as	component judgments	
C Commonly made a	nd commonly regarded as correct	
Everyone feels he	knows what is objective knowing	
Especially of sayi	ng what he means	
e.g. typew	riter is real because seen	
no	real if no typewriter exists	

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Lonergan iNotes 🗕 Insight Lect. 13, p. 2 (Ch. 13) 70

objectivity is not from outside being Outside being there is nothing not knowing self, knowing knowing, and then going beyon Transcandence but knowing being, and distinguishing

Absolute Objectivity

outside interlocked field of conditions and conditioned unconditioned

formally - only God

Being known by many judgments

virtually - a de facto absolute - all human knowledge contains factual element

Withdrawn from relativity to subject

not what he feels, imagines, thinks, what seems to him

can be truly contradicted by no one

publicity

D

identity and contradiction

pertains to single judgment as single

absolute objectivity - vs invariance

vs absolute space

absolute time

is in space

is in time

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Normative Objectivity

why - vs obscurantism unrestricted pure desire whether detached other human desires interfere

disinterested reinforcement from narrowing source - science if useful

Lonergan Notes - Insight Lect. 13, p. 3 (Ch. 13) 71

defines objective

Truth

understanding

defines means to objective - free rein to qq for intelligence

for reflection

grounds all logics and methods - 1. identity and contradiction

2. excluded middle

3. syllogism

as unconditioned

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4. | systematic -> classical

non-systematic – statisticai

Experiential Objectivity

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Given as given - not adding further judgment

intuitive of reality appearance

Unquestionable - prior to qq. - not an answer to qq

Residual: what is left when subtract | instrumental acts of meaning

judgments

concepts insights

Diffuse : not defined of itself

Equally valid in all parts without it no inquiry understanding

screening only to departmentalize

Defined Implicitly what is presupposed and complemented

by gg insights c

concepts

reflective understanding judgments
Lonergan Fotes - Insight Lect. 13, p. 4 (Ch. 13) 72

Observations

Can be the notion employed by CS

Minimal

What is objectivity

If answer intelligent, and reasonable

Normative

presupposes experiential

requires unconditioned

If applied then other judgments

Eegr no questions

if many judgments, in appropriate pattern

if only one judgment,

If no true judgments

Composite account of sobjectivity

Atomism

Knowing - not by analogy - but properly

deduction -

immediately

Error

Select some element out of composite objectivity

Acknowledge only cognitional activity corresponding to that objectivity



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Lonergan Notes ~ Insight Lect. 13, p. 5 (Ch. 13) 73

Normative Objectivity

validity of nature as norm - <u>Plato</u> (Voegeiin) validity of transcendental logic - Kant validity of dialectical logic - Hegel validity of exigence of <u>Dasein</u> - Heidegger authentic Being

Absolute Objectivity

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<u>Fure Reason</u> — vs all human judgments <u>factual</u>

Scepticism

Empiricism Combine all three \equiv elimination of intuitionism Plato Rationalism Kant Scepticism Hegel

Phenomenalism

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Heidegger

Lonergan Notes - Insight secture 14, p. 1 (Ch. 14) 74 \dot{e}_{A}

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			Te Te	an anto Ta' he T (OUe	T#) (#
Ant	itheses	<u>Objectivity</u>	experiential normative absolute principal	extroverted consciousness	subdividion of already out there now
		concrete univ	verse of being	real and apparent	
		Self-affir- mation of	emp int conscious rat subject	native bewilderme	nystery of life suffering maze of philo- sophies
Not	merely confl	icting propos:	itions but also	eonflicting orient	tions
	polymor	phic human con	1501.0USNESS	elementary aesthetic dramatic practicall intellectual mystical	
	spontan	eous subject			
	theoret	ic subject			
	oritica	l subject			
<u>A</u>	<u>Self-affirma</u> <u>Being</u> : wh wh <u>Objectivity</u>	tion at is intended at is to be kn Experientin Normative Absolute Principal	d by the pure d nown by underst and jud al - what is the - there are b	lesire to know anding fully lging truly at it is - what is snowers and knowns	not, that it is not
<u>B</u>	Unescapable subject	as long as su mp nt consciou at s rarely i	bject is in int s all of exp of und of jud	pattern of pattern of	I experience posed by all ible objections [rational intelligent appeal to experience
	00 n 80	iousness or st	dered fund ructured	stionally for knowin	E
		8	ffectivity volu	untary subordinated	to inquiry

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	a a treaster an orbit	an a	and and the second s	· · · · · · · · · · · · · · · · · · ·
		Lecture	Lonergan Notes - Insi. 14, p. 2 (Ch. 14)	ght 75
	Spontaneously	v subject is another pattern		
		dramatic - dealing with peo	ple	· .
		practical - controlling, us	ing things	1999 - 1999 -
	the	en cognitional activity is part o	f whole man	
· · · · ·	transition to	o theoretic subject = transition	to UNREAL	
· · · · ·		does not se	em real to me	
•	<u>C</u> theoretic sul	ojeots OBLOS HEWPNI	ik és LKós	
• •			A all psych.	aots
	Structure of Conso	biousness Single interdepende	nt whole > only cogn.	Acts
	Modes of learning	<u>Common sense</u> concrete and particular realiti as functioning in concrete situations	Logio Solentifio Method es concrete and parti realities in natur universally, in ab possibility	oular es, , stract
	Languages	Everyday speech	Technicall	
	Societies	Extensions of natural unities	Set aside practical	
		family clan tribe nation	affectivity Construct in accord with laws Transform, Transcend	
	<u>Ultimate</u> criteria	Symbolically apprehended Analysis seems destructive	Logic, Method an objectification o normativeness of sub	jeot
· Y		Υ.		

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Lonergan Notes - Insight Lecture 14, p. 3 (Ch. 14) 76

Critical Subject 1. Reflexive pattern of consciousness besides CS emp. Self-appropriation of besides mediation of theory int. immediately given rat. subject & his acts properly known CS 2. Knowschis own knowing What are they? Scientific Hence can understand judge evaluate oriticize relate unify. CS exp. 3. Develops his own technical language objects of und. judg. Theory Can compare 2 languages -- translate -- transcultural. Spontaneous subject a member of a society - family olan tribe nation oustom, traditional wisdom, proverbs, stories. Theoretic subject - student of societies political seen through mediation of theory eronomic technologica 1 psychological homo per se - average man - differentiated types of men Critical subject 1. relates CS of his society to successive CS of other societies; 2. sees his own understanding judging choosing in function of past with relevance to future; 3. is historical subject 5. Meets issue of ultimate oriteria spontaneous - globally apprehended - symbolically expressed theoretic - fully objectified exp. oritical - int. conscious subject grounding all criteria. rat.

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Lonergan Notes - Insight Lecture 14, p. 4 (Ch. 14) 77

Horizon

I. formal object - ens, omnia

proper object - quidditas sive natura in materia corporali existens

horizon quidquid recipitur, ad modum recipientis recipitur

Piaget - any apprehension 1) uses acquired groups of operations 2) can adapt them only slightly

- II. Theory beyond horizon of spontaneous subject
 - 1 wants to know what theorist knows qua homo

wants to know it in CS fashion qua spontaneous subject

wants to learn it without technical terms

- if theorist says something, he somehow understands wants to fit into CS apprehension tries -- puts difficulties -- seems to me
- if theorist solves them -- still more difficulties judges by results

	spontaneous
III.	<u>Critical philosophy beyond horizon of</u> theoretical subject
	Theoretical subject know how to construct a theory test
	be Supposes critical philosophy to/a new metaphysics a new branch of science a new theory of knowledge a new common sense
· · ·	Cannot envisage meaning of self-appropriation of its role as ground of theory

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Levels of Realism

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Spontaneous subject Realism is the dootrine that asserts the real existence of tables and chairs, streets and houses, plants and trees, dogs and cats, horses and cows, wolves and bears, birds and fishes, men, women, and children.

Lonergan Notes - Insight Lecture 14, p. 5 (Ch. 14)" 78

(Levels of Realism Cont'.) (Spont. subject cont'.)

The apprehension of the world is apprehension of

concrete and particular realities.

How does he know? He does not know -- if pressed, he will give contradictory answers.

Erroneous philosophy -- Show him a picture book and then take him to the zoo

Totemist, animal worshipper -- that is silly --

Bewilderment.

Science is knowing because of ballyhoo -- because of practical consequences --- any detailed account -- Bewilderment.

Realism of Theoretic Subject

includes spontaneous realism - his home, wife, children, friends wasn't always a scientist, philosopher

subject of 2 patterns, 2 apprehensions, 2 modes of learning, 2 languages

2 societies, 2 apprehensions of oritoria

Whish is the real?

is philosophy to be based on CS?

is philosophy to be based on scientific theory?

is philosophy to based on both?

is philosophy to be based on neither?

common sense is maxed with common nonsense

science is

difficult subject to perpetual revision ----> relativism mixed with mistaken, anateurish philosophy

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Critical Realism: reflexive subject as basis of unification, criticism, completion

Lonergan Notes - Insight Lecture 14, p. 6 (Ch. 14) 79

Underlying Problem

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Ambiguity Problem of development, clarification

Knowing composite on 3 levels

Objectivity composite 5 partial components

Ambiwalence Problem of orientation of subject -- polymorphic -- man makes himself Theory beyond horizon -- Linguistic analysis

Critical reflection beyond horizon -- Metaphysics logically first

What is Philosophy? Ultimate expression of the ambiguity

and ambivalence of polymorphic

human consciousness

dialectical sequence -----> ambivalence | surd

Positions invite development -----> development Counter-positions invite reversal -----> eliminate prerational non rational

ocherentreal is being
knowing is composite structure
objectivity is composite structureincoherentincoherentif ocherent with, then coherent with subject <u>qua</u>if incoherent with, then incoherent with subject <u>qua</u>if incoherent with, then incoherent with subject <u>qua</u>if incoherent with, then incoherent with subject <u>qua</u>

Lonergan Notes - Insight Lecture 15, p. 1 (C. XIV Cont') 80

nalisista tili

Metaphysics underlies notion of being all other notions penetrates goes beyond minstances of CS all specialized knowledge so metaphysics departments of science emp are int conscious subject underlies principles qua real rat other departments simply a section of total question penetrates spring from source, seek common coherence cannot achieve rids CS of dramatic individual group general bias transforms rids Science of extra-scientific opinions, amateurish philosophising mechanist determinism in-non-mechanist **determ**inism unifies original total question met by putting together partial answers Keys tone emp conscious subject in actu exercito 3 Stages latent - int rat problematio - seeking in actu reflexo et signato explicit > simplicitor Metaphysics proportionate being B B == conception affirmation implementation of integral heuristic structure of proportionate being

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Lonergan Notes - Insight Lecture 15, p. 2 (C. XIV Cont¹).

Integral heuristic structure

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1.. Proper knowledge per essentiam

2.. Movement to proper knowledge

from what is known naturally structure of knowing structure of objectivity TRIAL AND ERROR spontaneously : use of structure in actu exercito HIT AND MISS methodically : use of structure in actu reflexo et signato schemes abstract law (atatistical genetic operator -- intelligible movement from set of laws A1 to laws A2 and on to An non-rational prerational Dialectic -- aberrations of development in rational

integral heuristic structure totality of naturally known in all its complications hence totality of methodical anticipations hence virtual totality of possible answers

underlies

unifies

penetrates transforms

4. makes explicit metaphysics that is latent in spontaneous subject / problematic in theoretic subject

because it

all departments of knowledge

irrational

subject

5. progressive --- heuristic structures becene known as science progresses

6. nuanced : certain inevitable, no alternatives, highly probable, obsoure

vs deductivism

Locture 15, p. 3 (C. XIV Cont[†]) Insight

7. factual every judgement based on virtually unconditioned - de facto

8. Dependent on sciences and common sense

not as conclusion from principles illustrations but as principle on implementations applications

oritic on oriticized

it has a principle of its own = int rat

conscious subject

subject is manifested by not constituted

sciences common sense reflexion on self (self-appropriation)

9. Stable

development as filling out -- obscure to clear - stable general to detailed -

development as higher viewpoint -- transformation of

all basic concepts

all postulates

Subject is not subject to revision -- only propositions judgements revised concepts

in the measure subject known, basic concepts are not hypothetical basic convictions not open to revision

10. being as explained

heuristic structure is per proper knowledge, per essentiam, explained hence analogous to Ar science per causas ||not per praedicamenta

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Method in Metaphysics

Method set of directions that guide a process to a result

Result explicit metaphysics 1. not a book but a determination, set of determinations in a MIND

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Lonergan Notes - Insight Lecture 15, p. 4 (C. XIV Cont') 83

Self-appropriation - getting hold clearly and distinctly of

emp self as int conscious subject rat

and its implications

2. mind in general

not transcendental mind absolute mind mind as such

but your mind

Solution to oritical problem is genesis of oritical sulject

Process	from people as	thev are	- 1	in	n native	confusion	ambiguity	
					;	bewilderment	ambivaleno s	

experiences his pure desire inquiries understands thinks rejects grasps

but undistinguished

even false theories interfere _____reject true

mistaken orientations <

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defend false

A Paedagogical

until some self-discovery, self appropriation

true propositions wrongly understood

false propositions seem true -

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Lonergan Notes - Insight Lecture 15, p. 5 (C. XIV Cont!) 84

Methodical

B

Major Isomorphism

existence

PRIMARY MINOR PREMISS

heuristic structures - recur in all knowing of given type

⇒being

SECONDARY MINOR PREMISS

filling out of heuristic structures -

i.e. not only structures

but occurence of true judgements

Metaphysics is not a matter of proving doing science

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it assumes oriticizes transforms unifies them

LATENT when isomorphism exists but unconsidered

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when heuristic structure used but not adverted to

EXPLICIT

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when advertence added

Lonergan Notes - Insight Lecture 16, p. 1. (C. XIV) 85

Dialectic of Method in Metaphysics

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in emp sciences method does not determine results to any notable extent in philosophy, which deals with ultimates, any determination determines results almost uniquely -- no basic questions left open once any position adopted

hence expeditious consideration of philosophies by considering methods

deductive methods

any system can be cast in form

primitive propositions

deductive method has only one problem

Determine primitive propositions

derived

universal and necessary truths

because universal _____ abstract because necessary _____all possible worlds

analytic propositions but not analytic principles

require concrete judgement of fact

oonorete existent

<u>Monism</u> : deduction of attributes <u>Emanationism</u> : deduction of processions <u>Optimism</u> : God <u>must</u> create best of possible worlds <u>Mechanist determinism</u> : given initial situation all else deduced

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Lecture 16, p. 2 (C. XIV Cont!) 86

Granted premisses, conclusions follow

But there exists the question, are the premisses to be granted?

1. only one being and all attributes necessary

2. one first and all else proceeds necessarily

physical necessity moral

3. many first and all else follows necessarily

Problem of method is not met

possibility of concrete deduction

e.g. Newton's mechanics as possibility of metaphysics

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Synthetic, a priori principles

<u>Synthetic</u>: not just definition and syntax <u>a priori</u>: not given by senses a not just one set of synthetic a priori -- successive insights

b not an absolute necessity but a de facto intelligibility

D Abstraction

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Scotus : abstract deductivism

no insight into phantasm

seeing universal, nexus, deduction

Ar, Aq. : first principles, posit terms, nexus evident

but wisdom needed to select basic terms

wisdom Ar. First philosophy ravised

how does one acquire wisdom?

VanRist 660 pp

Lonergan Notes - Insight Lecture 16, p. 3 (C. XIV Conti) 87

Universal Doubt

1. excludes all concrete judgements of fact

not indubitable -- they are only certain

Doubt everything that can be doubted

2. excludes all science and common sense

3. Meaning of all judgements obscure and unsettled

presupposes clarification of polymorphic consciousness

lengthy difficulty -- solution only certain

4. more suppositions satisfy criterion -- I am only supposing

prior to reflective judgement

5. existential subject survives -- If I doubt, I am

but what is "I" "exist" "affirming"

6. criterion of indubitability not indubitable

if only method deductive, if answers necessary indubit. but a ex hypothesi indubi

but are these indubitable? P

is it indubitable that truth certitude to be set aside

7. universal doubt eliminates reasons for doubting

elim. so., common sense, analytic principles leaves only suppositions remove scandal of philosophy but perhaps nature of philosophy is to reveal scandal of man

8. universal doubt is leap in dark

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What does it imply? can be said if subject polymorphism known but they are not going to be known if criterion of indubitability

9. proximate results arbitary : doubting does not change one's acquired habits

illusery : one thinks one's opinions have passed a test that ether fail to pass

			• .				4
Emp	oirioi	sm		Lecture	Lonergan 16, p.4 (C.	Notes - XIV) -	Insight 88
1,	Naiv	e failure	to analyse know	ledge	.'		
	ini.	obser	ve the significa significant only	nt facts if insight			
	. •	A.S.	fact only if jud	gement	· .	• ••	· · · ·
2.	One-	sided acc	ount of objectiv	ity	1		
			only objectivity	is experi ent	ial What i	s not exp loc	oeriencing oking
			10		cann	int ot be kno	wing
ч. 1. т.	• •		reinforced by co	nfusion of H	uman kno	wing	
1	<u>a</u> A	ugustine	normative : <u>no</u>	t without - r	not within -	but abov eternal	reasons
·.		<u>Aq</u> v	ia our own intel	lectual - cre	eated simili	tude of u light 1,	Increated ,85, <u>5</u>
	ъ.	<u>Scotist</u>	<u>see universals</u>	- see nexus -	- see <u>existi</u>	ng & pres ex & pre	sent as
		1. a	bstract philosop	by of all pos	ssible world	ls	
		2. n	o contradiction	if intuition	of what is	not prese does not	ent & does t exist
	<u>C</u>	Conflict	with Science	E, Cass	irer <u>Erke</u>	enntnispro	blem_
		if knowir	exn g = und being, aff	then thing	gs as relate gs as relate	ed to us ed to one	another $\frac{CS}{Sc}$
		if knowin	g = intuiting				
		then	science can be c	of real. only	if sense is	of mere	ly apparent
		Galileo	primary real	- secondary	apparent		
:		Descarte	s material sub	stance = ext	ension	' .	
		Newton	motions. divi	ided into true	e and appare	ent	
:		Berkeley	primary also	apparent			· · · · · · · · · · · · · · · · · · ·
		Hume	data of cons	sciousness and	parent	1 4	
		Kant	a priori for	THE OF Sensib	ility->data	oause	appearances
						• .	

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Lonergan Notes - Insight Lecture 16, p. 5 (C. XIV) 89

phenonenological reduction : $\xi_{\pi} \circ X_{\eta}$ no judgement eidetic reduction : observe significant phenomena Husserl transcendental reduction : reduce noema to noesis intersubjectivity of transcendental subjects Science is of absolutely necessary 1. reduction : elimination of continent particular non-scientific 2. 2.1 Common Sense Eclecticism necessary on basis of CS judgement picking out what is certain probable 2 CS does not know a its own nature its limitations concrete and particular in familiar situation. Ь c its aberrations dramatic individual group general bias CS must be accepted - valid, necessary, irreplaceable department of 3 human knowing SECONDARY MINOR but has to be taught its nature limitations hence aberrations PREMISS not CS but criticized CS it brushes aside aim of philosophy 4_1 pure desire - all ordering of all departments spontaneous subject - theory beyond his horizon it denies vital growth of philosophy 5 every addition position contribution to common goal counter-position very profound - you can't expect to under CSE philosophers are stand them - it's dangerous to read them very silly 6 CSE does not want to understand but it undertakes to judge you cannot conceive what you do not understand you cannot judge what you do not conceive

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			Lonerga Leature 16, p. 6 (C	n Notes - <u>Insight</u> . XIV) 90
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		J. B. Baillie J. Hippolyte	Phenomenology of Min	d Introduction
	an in the state of the state o	Findlay	· · · · · · · · · · · · · · · · · · ·	1
TRIVE HOUSE FOR A STATE	na sana ang sana ang Sang sana ang	J. Collins		Mass.
	Presupposed	Kantian <u>conclusic</u>	on of immanence - reject	ed incoherent thing itself
·	Marched into	o vacuum left by H	ant - Reason and correl	ative MOTION
	Inc	omplete call	is forth antithesis	
	Neg	ativity nega	tes itself	
	Richly st	uggestive Rati	ional consciousness, sub	ject
		priı	nciple of interpreting e	werything
	Gnostic	: human rational	L consciousness says Y	es No
		Divine utters	God the Son	
	_	<u>Olvine</u> utters		
-	****	#	,	
S	cientific Meth	bo	· · · ·	
u Maritettactarture,)+ event soor r	only R	ethod is nowledge is	cience extra-sci	entific
	Philosophy	not a dam ad	cross the stream	· · · ·
		not totally	separated	
		but the bed	in which the river of	cs flows
•	int	egral heuristic s	tructure	
		what grounds suc	ccession of rejected	scientific theories
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Lonergan Notes - Insight Jecture 17, p. 1 (C. XV)

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Elements of Metaphysics

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Isomorphism of knowing and known partial activities partial objects total = knowing total = known composition, pattern composition, pattern of partial objects of partial acts Most General Peuristic Structure 1. exp -- potency (emp residue as under inquiry) und -- Form judging -- Act 2. P&F&A form a unity What is expressed = what is understood = what is affirmed eve Share a common definition - form 3. sight seeing object of any scientific doctrine | theory 4. verified in many instances 5. as in Ar psych eye sight seeing hearing hearing ear int poss species intelligere 6. but no in Ar phys. Form = sensibilia propria 7. Conflict of Ar phys. with Science Form not sensible Heuristic Structure Hore Specialized Substance Central lies underneath - unknown - pertains a. matter Accident Conjugate accidental, irrelevant eese Act < operari Things exist events occur b. . central

> - Form <- conjugate unity-identity-whole conjugates (according to 1 aw)

potency <u>central</u> cates oonjugate individual spatio-temporal coincidental aggregates

Lonergan Notes -Insight Lecture 17, p. 2 (C. XV)

Heuristic Structure Explanatory Genera

Rat psy Sensat psy biology chemistry physics

One and the same thing has conjugates of different orders

 $T_i C_i S_i$

D

 E_i occurs in accord with S_i , at random, higher regularity S_i

1. images in scientist subject to intellectural integration

2. neural processes in animal subject to psychic integrations

3. chemical processes in living thing subject to biological integrations

4. physical processes in compound subject to chemical integration

Coincidental manifold of conjugate acts of lower order = potency for higher forms

no logical transition $C_i \rightarrow C_j \equiv each a closed system of terms & relations$

succession of H V-P's -- Analogy

Counter-position -- Reductionism

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i.e. Already out there now = unverified images no images

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ReflectiononelementaryanalysisALimitationBFinalityCDevelopmentDGenetic Method

A Limitation

- Form specific limitation geometry order seeing now Potency generic limitation <u>understanding will sensing</u> <u>existing</u>
- Limitation of higher order by lower

a. <u>if higher is higher integration of conjugate acts</u> of lower integration limited by what it integrates

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Lonergan Notes - Insight Lecture 17, p. 3 (C. XV)

not acts of imagining intelligence integrates but -gent ret Content sible

hence integration of senuniverse

imagination affectivity locomotion Sense integrates animal in milieu

biological integrates chemical processes

basic limitation is prime potency b.

central - individuality

conjugate - spatio-temporal coincidental manifolds

EF TEXOS QUOIS CARX OBEV , I Finality E what is for end B KIVNULS Limitation potency as determining what cannot be Inverse to limitation notency as determining what is to be Finality

Heuristic Structure as notion of finality, question

intellectually patterned experience ->insight, judgments 1.

> potency ---> forms acts

2.

coincidental manifolds of conjugate acts = potency for higher forms

heuristic structure does not determine what is 3. 1

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heuristic = what is to be determined by insights judgments

so objective process does not run on iron rails of blueprint

but is effectively probable realization of conditioned series

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of schemes of recurrence and of higher things

as heuristic structure is becoming known of being 4.

so objective process is becoming of being

heuristic structure is an objective process 5.

Lonergan Notes - Insight Lecture 17, p. 4 (C. XV) 94

one in which universal striving towards being is intelligent reasonable

Hence not supplement for efficient causality ut a quo cujus gratia correlative

not pull exerted by future on present | pull = efficient causality

but a theorem, as general as being OUR UNIVERSE IS

not static, but dynamic not closed, but open not determined prior to event, but in event 7

now = not what is eternally but moment in process

Is finality a fact

1. our knowing is a fact, and it is finalistic

experience for understanding understanding for judgement judgements for knowledge

2. potency is for form, form is for act,

coincidental manifolds of lower acts are for higher forms and acts

3. "for" not in a deterministic deductivist sense

emergent probability

4. "for" not some <u>extrinsic agent</u> using things beyond their natures but the natures themselves <u>qua</u> coincidental manifolds

providing the possibility and probability of higher forms

5. "for" <u>universal</u> <u>failures</u> part of programme one has thru <u>processes</u> working through probability

> failures are not defections from course reached through probab but part of programme

> > 0

6. "for" is muanced - not some simple formula

as complex, various, surprising as concrete universe

7. <u>flexible</u> same result via different routes <u>H. Driesch</u> <u>Sea-urchins</u> Not just an a priori parallel between knowing and <u>being</u>, but also a verified parallel

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Lonergan Notes - Insight Lecture 17, p. 5 (C. XV) 95

our universe is not changeless and motionless

deterministic

same single level of being

but effective realization in time of conditioned series of schemes of ever greater complexity

and things of ever fuller perfection

Development

emergence otherwise coincidental manifolds hecome Physics systematic under a higher integration Chemistry Biology Sens Psy

correspondence not any lower manifold admits determinate higher integration

too great a change in lower -- expels determinate higher

finality lower manifolds are directed towards ever fuller realization of being

higher integrations

Static

Dynamic - keeps underlying lower manifolds

until correspondence eliminates prior integration emergence introduces later integration

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development.

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1. linked secuence of dynamic higher integrations

egg - chicken - hen

2. heading towards differentiation, determination

🗤 🗉 initial cell - animals

infants - men

3. minor flexibility - many ways to same objectove

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major flexibility - shifts objective

Development (p 454) is a flexible linked sequence of dynamic and increasingly differentiated higher integrations that meet the tension of successively transformed underlying manifolds by successive applications of the principles of correspondence and emergence.

Lonorgan Notes - Insight Leature 17, p. 6 (C. XV) 96

Genetic Method of Classical Statistical Dialectical

Understanding -> Systems -> static > changing

data will conform to static system

diverge from static system

conform to intelligible sequence of changing systems

conform to non-intelligible sequences of changing systems

- 1. In any plant animal men -- individual existing unity -- constant
- 2. Also conjugate potencies, forms, acts -- develop
- 3. Acts recur -----> schemes of recurrence

not just same one scheme but but flexible circles of ranges of schemes

4. theoretically from regular recurrences to set of correlations

1. verified in events

- 2. implicitly defines specification of events
- 3. fixes by relations conjugate forms
- 5. conjugate forms advance from generic indeterminacy to specific perfection

higher they are, the greater the advance

intellect

= formation of habits

6. classical method ----- laws

genetic method <u>sequences of stages in which modes of operation</u> <u>differ possible</u> <u>schemes increase</u> <u>situations mastered</u> <u>widen</u>

- 7. Heuristic structure
 - a. sequence of stages
 - b. from generic indeterminacy to specific perfection

c. higher systematization of lower coincidental manifolds

via system-on-the-move

correspondence emergence

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exploited

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Lonergan Notes - Insight Lecture 17, p. 7 (C. XV) within emergent probability d. conditioned series of things and schemes operations in accord with schemes e. plant 1. linked with events outside animal man effect systematization of lower manifold 2. correspondence so transform lower manifold as to exploit . 3. emergence $\mathcal{E}\phi = \phi$ identical operation form a group $\phi \psi = X$ compound Piaget Stages 1. inverse $= \omega \varphi$ lower groups of operations integrated into single 2. higher group occasions, if new, met by slightly modified Development operation(s) Organic Development description of parts anatomy 1. intelligibility of each part 2. its capacity for performance functions of parts physiology 3. relation of each capacity for performance to all the others an a sea a sea a se transition to thing-itself -described organs, cells -> biochemistry, biophysics i.e. Chemical and physical processes higher forms to account for regularities beyond $S_p = S_c$ consequent schemes of recurrence = capacities for performance of organs z higher system as integrator - ex pede Herculem from bones the dinosaurs

3.

Lonergan Notes - Insight Lecture 17, p. 8 (C. XV) 98

vs higher system as operator - from animal, plant at one stage

to same at any stage

exploitation of correspondence and emergence

comparative study of successive stages

e.g. Law of Effect development occurs along lines of success

Psychic and Intellectual Development

i.e. development on ²/₃ levels Where <u>psychic is higher integration of</u> <u>organic</u> <u>intellectual higher int of psychic</u>

Intellectual - our study of insight in Math Sc CS

> its proper criterion -- not pragmatic success but good judgement

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Human Development

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physical 1. Man individual existing unity differentiated by chemical conjugates biological sensitive intellectual

conjugates ground ranges of schemes of recurrence

different situations - different behaviour - different patterns of consciousness

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2. Man develops

whatever he is at any time

he was not always he need not remain so

Lonergan Notes - Insight Lecture 17, p. 9 (C. XV) Law of integration development may be initiated in organic level 3. sensitive intellectual externally to but it has to be accompanied by complementary developments else fragmentary limitation and transcendence what one is (---) what one is to be 4. in man (1) conscious (2) can be objectified (1) pure desire to know - intelligent and rational behaviour in universe of being namely (2) intersubjectivity, common sense, in habitat when development is partly conscious - not without genuineness 5. knowledge components error implies conflict between conscious unconscious 194 genuineness : no illusions and no pretense admission of tension limitation transcemdence into consciousness failure in genuineness Sanction hides, displaces, does not elim. problem Counterpositions Mechanism already out there now 1 necessary laws reductionism a higher "already out there now" Vitalism in atoms static difference is forms in organic system on the move lower instability higher flexibility Holism, Organism because central forms agree but add conjugates integrator operator in determinate sense emergence form in analogous to [phantasm] insight | difference matter 0

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Lonergan Notes - Insight Lecture 17, p. 10 (C. XV) 100

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Kantian maxim purposiveness : think as if finality

what can be grasped in data is real not as if

& truly affirmed

Aristotle we add a good deal

Same in

basio to "vital act"

Summary

principle

concrete and individual

emp int rat

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conscious subject performing functionally related acts that coales into a single knowing

investigated

in each case true de facto

but cases

are recurrent

have a structure

structure corresponds to structure of object

Q

partial acts partial objects compound knowing compound known

special sciences fill in knowledge of essence properties a. essence left blank b. whole thing = structure/

Any Known - Potency form act Predication - Central and conjugate potency form act Explanatory genera -- coincidental manifolds of lower acts # potency for limitation H. Forms finality development Genetic method

Lonergan Notes - Insight Lecture 18, p. 1 (C. XVI) 101

Met, as Science

Elements: Knowing z known

M as S : Reflection on Implications of Isomorphism

Distinctions

Real : ante omnem operationem mentis

Notional : dependens ab operatione mentis

a. Complete Ignorance

b. Counterpositions "Real" has to be known before judgement otherwise judgement could not be true.

Distincta sunt quorum unum non est aliud Real: Realiter distincta sunt ouorum realitas unius non est realitas alterius notional: Ratione distincta sunt quorum <u>conceptus</u> unius non est <u>conceptus</u> alterius

Mixed real Problematic if doubt whether from VP of ultimate explanation Q real not Q

Relations : Real Notional Mixed Problematic from ultimate explanatory VP

1. Which relations survive in ultimate explanation?

a. b.	Primary velativity Secondary determinations	A twice, 3, 4, 5, 6.
a. b.	Permanent in any magnitude Variable with term of compari	inseparable from its base

Similarly

Q

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 Metaphylics:
 Central and Conjugate Potency Form Act
 relational

 Science:
 Classical Laws:
 Conjugates defined by mutual relations) [universal]

 Relations specified by concrete circumstances

Genetic: Relations between successive stages of "System on the move"

Lonergan Notes - Insight Lecture 18, p. 2 (C. XVI) 102

Internal and External Relations

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Internal: if removed, base is changed intrinsically Classical system consists of internal relations, but is

abstract.

External: via determinations that are variable.

Aristotle: Change not primarily in category of relation.

Aquinas: When Q increases to equality with P, then 1. P undergoes no real change 2. P accuires a real relation of equality to Q

Lonergan: P and 0 are always proportionate to each other The exact measure of this proportion varies with real changes either in P or in 0 or in both. Variation in this measure is not in the category of primary relativity, but in its absolute determinations.

Is reality of real relation distinct from reality of its base?

CP - Sensist - Relations are known by intellect and so merely subjective

Transmosed CP - Intuitionist - Looking at relative and looking at absolute are really different

P - What can be affirmed, can be conceived; What can be conceived, can be understood.

But any conceptions proceeding from understanding are both terms and relations,

Where terms fix relations Relations fix terms Insight fixes both

potency act; matter form; essence existence; habit operation; substance accident

internal relations cannot be really distinct from base

external relations are internal and contingent determinations

Lonergan Notes - Insight Lecture 13, p. 3 (C. XVI)

Meaning of Metaphysical Elements

1. What are they? i.e. what is their essence potency is not an essence, but potency to an essence second act is not an essence form is chief component of essence

but Metaphysics not concerned with forms - particular sciences

1. if you wish to know what the forms are, STUDY SCIENCE

2. DIVISION OF LABOUR

Metaphysician does not know what the forms are Scientists do not know:

1. Relation of forms to concrete beings structure of indivi

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2. Relation of different sciences

3. Relation of objects of different sciences

3. FURTHER QUESTIONS must be met, but not necessarily in the SAME SCIENCE

2. Cognitional or Ontological Elements ?

Is the structure real? Are P, F, A really distinct?

Only problem is problem of reality CP already out there now P being

Being = WHAT IS TO BE KNOWN BY EXPERIENCE UNDERSTANDING JUDGEMENT

z intelligible <u>potentially</u> <u>formally</u> <u>actually</u> <u>materials of incuiry idea</u> <u>unconditioned</u>

One and the same is not both intelligible in itself and not intelligible in itself

essence potency habit contingent existence form operation

Metaphysical Emuivalence

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Veritas est adaequatio intellectus ad rem

hence True propositions \rightarrow Things \rightarrow P F A

Not same as isomorphism

judging (proper content) understanding (not concept____> empirical residue under inquiry

Lonergan Notes - Insight Lecture 18, p. 4 (C.XVI) True Propositions ex periencing EXP TRAP + mot understanding 🗲 UND F & Metaphysics judging JUD confused Logical with Grammatical Analysis Predicamental Concreteness Metaphysics concerned with being; being is concrete hence metanhysical equivalence only if true propositions concrete e.g. Socrates is a wise man (central form) central act central potency central form habit of wisdom (conjugate form) Problem of individuation not that P, F, A are universal but that individuation is intelligible. 👘 5 merely empirical Explanatory Metaphysics is concerned with being as explained Hence: true propositions must be explanatory or virtually explanatory. Not descriptive (things for us) else pseudo-metaphysics via pseudo-explanation Metaphysics attempts to explain; to know form without science Correspondence of true propositions with reality such that many propositions may refer to one reality one proposition may refer to many realities

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Lonergan Notes - Insight Lecture 18, p. 5 (C. XVI) A is similar to B; with respect to same form then difference between A and B is merely empirical Intrinsic (both equally true and real denomination but have conditions of truth Extrinsic in same reality Tent. in different reality FC = METAPHYSICAL EQUIVALENT THAT IS A FORM Forma1 cause FE = proposition made true by FC effect Significance of Metaphysical Equivalence 1. Technique for saying exactly what is meant for determining what propositions the same have meaning different 2. Liberating science from whirligig of philosophical dialetic mechanist determinism - nonmechanist indeterminism Logic not the proper tool - logic immobility science always on the move 3. Because based in human subject, possesses the capaoity for differentiation to follow range human sciences necessary to criticize Keeps Metaphysica and Science 1, distinct 2, interdependent 4.

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Lonergan Notes - Insight Lecture 19, p. 1 (Chap. 16, Ct.) 106Unity 1. Propertionate Being -- Emergent Probability 2. Of a concrete Being A Many components 1. no need for glue -- if there were, question would recur if did not redur, does not occur PFA PFA relative to one another 2. Central by which a thing is unity - identity - whole Conjugate by which central form differentiated 3. No recurrence of analysis with respect to components potency not each known by F Exp A Und Jud e Gang 4. Images of PFA merely symbolic pertain to things as related to one another to be imagined must be as related to us hence no mechanics 5. Not to be confused with Platonism Plato vonta Meron noncrete things related to us both material Unity of MAN and spiritual 1. Intelligence -- higher conjugate forms as content = universe respect to sense < as act - subject know and control *self* 2.. Known intelligible but knower = intelligent: atoms plants animals intelligible but not intelligent 3. meterial = what is constituted as intrinsically conditioned by empirical residue prime potency empirical individuality, place, time, statistical random forms and acts intrinsically conditioned by prime potency Ξ

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Lonergan Notes - Insight Lecture 19, p. 2 (C. XVI Cont!.) 107

spiritual = what is neither constituted nor intrinsically conditioned by empirical residue

act of understanding abstracts from empirical residue

unconditioned fulfillment of conditions by sensible data

but not sole fulfillment

more fulfillment is not the <u>unconditioned</u> itself

4. Man material by physical chemical biological psychic conjugates

spiritual by intellectual conjugates

<u>Central form</u>: naturally in matter not constituted by matter intrinsically conditioned by matter ?

spiritual can do anything that material can do material cannot do what spiritual can do

Metaphysics as Science i.e. as possessing a technique that systematically eliminates 1. errors 2. mistaken questions.

Knows precisely what it can do and how precisely to do it.

General conformity to Ar Aq tradition

but (1) not by strokes of genius

(2) not by anthority

(3) but by method anyone can learn and practice

Strategy

break-through : se

: self-affirming subject

experiences his experiencing

understands his understanding

affirms his capacity for judgment

subjection to

rational judgment

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encirclement :

subject concerned with <u>unrestricted</u> objective

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Lonergan Notes - Insight Lecture 19, p. 3 (C. XVI) TOR confinement : P and C-P P true to true self intelligence CP in contradiction with his own rationality Not only foundation but building Human knowing is a compound of acts in determinate structures partial objects fit together as acts compounded knowing isomorphism equality of structure of known From simplest to more complex structuresx any knowing knowing thing and properties knowing genera knowing limitation and finality knowing development ST 23 Further QQ - not a treatise - you work them out 1. A. A. A. End to mere disputation possible knowledge of proportionate being as related to us of things : (metaphysics anticipates) as related to one another Science fills out science fills out no occurrent heuristic structure metaphysics anticipates Occurrent heuristic structure counter-positions positions not theology not common sense not science empty assertions counter-positions ۲Ĩ 0 0

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Lonergan Notes - Insight Lecture 19, p. 4 (C. XVI) 109 Reasons lie not in more metaphyics not of metaphysics but in cognititional fact fulfillment but of science common sense Not automatic solutions -- solutions only by intelligence and rationality non-rational looking for security Does not eliminate obscurantist, obtuse, merely routine mind but count only in short run - cured by time familiarity Origin of Problem Grace Medieval theology Landgraf 1230 Freedom supernatural theology natural reason Philosophy but as within theology autonomous Reason; seminary Science as proof Philosophy as providing its own basis Descartes 1. not clearly distinct and separate from science conservation of momentum Newton : both 2. secularist philosophy Post-Kantian science -- no philosophy Totalitarian violence neither theology nor philosophy nor science

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Notes on Course given by Fr. Lonergan at St. Mary's Wollege, Calif. - 1961 Notes on Insight MERAPHYSICS AS DIALECTIC Insight - C. XVII-11 III Lecture 20 1. ome spentaneous Դ∙ CS int censeieus subject theerstic ----_____ ----> Science rat critically ---- Musaphysics reflexive 2. distertions -Counter-positions Pessibility of understanding any philosophy 3. as structure under distertion Heuristic character of such a possibility ----- > Theory of interpretation a Preliminaries 1. Mystery and Myth 4. 2. Truth1. criterion 2. definition 3. entelegy 4. truth and expression 5. appropriation of truth Theory of Interpretation ъ I. Metaphysics Mystery Myth 1.1 Sense of the Unknown 1. Pure desire ->Limited Knewledge -> Unanswered questions 🚍 UNKNOWN we knew wo de net knew Intellectual operations integration of sensitive levels of higher 2. system must be corresponding sensitive operator Some cosmic dimension accruing to feeling, emotion, Some sense of unplumbed depths sentiment R. Otto Idea of the Holy Twe spheres demesticated known familiar 3. significance unexplored, strange, undefined surplus of mementeusness 1. Separate Sunday, hely places, hely times Weekday, other places, other times 2. (Wordsworth The earth and every common sight take Fused on the glory and freshness of a dream

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	Lenergan Notes III Lecture 20 [*] (C. XVII)_2
3.	Extremely intense aghast, amazed, entranced, everceme
ц.	Mystery and myth images and emetional retinue are special sphere as image as symbol knewn unknewn as sign interpreted
5.	Quite general and Tuite permanent primarily associated with relition but also with anti-religious liberal humanism naturalistic nationalism

6. beyond competence of metaphysics of propertionate being

relevant to metaphysics qua adequate self-knowlegge

I.2 Genesis of Adequate Self-knewledge-Objectification of subject

1.

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Our Attempt Insight Empirical Method Common Sense Things Judgements	I II-V VI-VII VIII IX- X	
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2. Presuppeses development of Math Sc Literature Hist Philosophy 3. Attempt at self-knowledge and metaphysics may precede pessibility of

attainment clear and distin

frem censcieusness

te knewledge

present but latent operative but implicit in fact ; What is lacking cencepts language cultural milieu techniques - legic, intrespection critical awareness -> POLYMORPHISM Knewledge of what is lacking Genetic each attempt manifestation of man

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and of inadequacies of self-knewledge

attained

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					· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
		• •				Lonergan	Notes	
· · ·					lecture 2	0 (C. XV	11)-3	s .
	T. 3	Nuthia Coneci				Ins	light 112	
	1	Adaptate Solf.	- mouri edmo	Nato share				
	··· ••	Tradecuste sel	-KHOWLOUGO	Trodouw	to s	` •		•
	<i>4</i> •	THURAGANALD DO	LI -VIIONI 9089	Lack of	rigorous ex	olusion • ef	error	·
				Can be o inc	correct on each apable of le	ach particu aying down	lar issue ye general rule	ቴ
			Reality, dis	tinction,	knowledge,	objecti vity		•
	3.	Philosophies a	appear in anti	thetical p	pairs			· · · ·
		•	Cogite	- Malebra	unche Spino	za Leibniz	Wolff	•
		Cartesia	an <u>C</u> Extens	ion - Ho	bbes Locke	Berkeley	Hume Kan	t
		Natu re	Philosophers	Heraclitu	as Aristotle	e Epicurus		
		Pythage	reans	Eleatics	Plato	Stoics	Eclectics	•
					<u></u>	1040	·	2
	4.	"Before Philos	sophy" Henri	Frankfort	Peng	ago 1946 uin 1949 5	1 54 59	
			(<u>4</u>	ircea Elis	ude) '			
		Keal	- Real disti	nction	•			
· ·		Straddling	Rational jua	gement not	s enougn	• •	1	
	• • •		Must be imag	<u>ina ble</u> , si	alone	can suffic	e and thes	
,			ا ما م	<u>quot</u> 1	ionina, tot:	numina		
			Contrary Jud	gement vov	iid break my	thic constr	uction	2
			; but contrary	Judgemen	t nas no exp	eriential d	nknown	m f
		Adequate met	taphysics must	distingui	ish <u>besides</u>	Position s	& Crunterpos	itic
•		·			also	Description	& Explanati	on
		. `	Explained	l is not re	elated to us	except by	remote impli	-
			Explained	l may be e:	rroneously i	magined Mec	hanist deter minism	.
						Qua	ntum indeter minism	•
		Projections	Pro jec	tion - ·	violation of	pa raimony		• •
		feeli:	ngs belong to	space .	stranger st	range becau	se projectio	21
			00 pr	usality operties		does not	work	
			*	bodies				
		Partial ins:	ight for compr	ehen sive	L		· .	
		Heuristic s	tructure for i	nsight	Gno Mag	stic - n ician - t	umbers cols	
		Limit : my	thic consciou	sness 📮	absence of d	istine tions		
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		2		Lonergan Notes	Insight
				(C. XVII)-	4 / 113
				Lect. 20, 10	1
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	• •	•		··· ··· ··· ··· ··· ··· ··· ··· ··· ··	•
1.4	Myth and Mete	physics			
		untu	toredsmyth	$\mathbf{\hat{\gamma}}$	•
	Pure Desire				
		via :	mi stake> metap	hysics <u>theresy</u>	$\rightarrow \underline{\operatorname{dogma}}$
	Counter-posi	tions bein	$g \equiv MYTH$	* .	
	_				•
		 	- · <u>· · · · · · · · · · · · · · · · · ·</u>		<u> </u>
I.:	5 Myth and Alle	gory			
			(parable NT		
	l) delibera	te use of		·•	•
			myth Plato	د	
	2) prior t	o deliberat	e use there is the	indeliberate - une	mplained
					-
	wise ma	n speaks in	riddles		
•			•		
T (Westom	<u> </u>		· · · ·	· · · · · · · · · · · · · · · · · · ·
1	Myscery		4		
	1) concre	te living n	oods affect-laden :	images	
	2) They r	ned mt be	muthical		
			•		
		they may m	oot demands of rat:	ional self-consciou	lsnoss
	3) error	of rational	ism		
	Ŧ	Jowe dian Ind	ъ н Х	South Booific	
	1	straitse pop	· · · · · · · · · · · · · · · · · · ·	South Facility	
	A	irtemis and	Aphrodite	Pin-up girl	:
		<u> </u>	**	<u>. </u>	· · · · · · · · · · · · · · · · · · ·
2	Notion of Truth	<u>1</u>	• *		
2.	L Criterion	Proximate	Virtually Uncond:	iti oned	
		······································	independent of j	udging subject	
			public, common to	errain, communicat	lon
		Remote	Normative object:	ivity re origin of	related
			insights	Tormulations *	•
	Frequency	Actual			
	***************************************	Ideal			
	Bus he had -	i Ideamant da	or not work it ass	une en often	
	Frobabie ji	vaficute go	ora mou moan 10 000		. ·
		ັນ	t means that it ap	proximates towards	uncondit.
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	Lonergan_Notes_ = Insight	
	(c. XVII) - 5 114	•
· · ·	Secure 20 ps	· · · · ·
	Certainty	ť
•	unconditioned has no degrees	•
	but security about one's own completeness in inquiry has	
	1) flight from personal commitment have courage of con-	-
	nethod, logio	
	2) bias of common sense when not general, offset by wide agreement	
	3. judgements express conditions of possible truth, error	
· .	approt be revised without wordsing powering more	•
	cannot be revised without revising revision, revisers	
·		-
2.2	Definition	
	Being : what is to be known truly	
	truth, correspondence of knowing to being	
	. <u>non-difference</u> (divine self-knowledge)	?
2.3	Ontological Being is the intelligible, mot distinct, different, a- conformity of being to intellect	•
2.4	Iruth and Expression	•
1.	as affirmation or negation - Judgement Expression as combination of words and phrases - Insight as material multiplicity - Experience	Problem of
2.	Difference Judge and Assert - will to speak truly Understand thing - understand how to use language Experience - verbal fecundity (experience in education)	2
3.	Interdependence, interpenetration	•
	1. Fix the experience, the image NAME	
	2. Retain the insight NEWDINE ATE	
•	AFFIRMATION	
	Distinguish it from what you do not	

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Lonergan Notes - Insight Lect. 20, p. 6 (C. XVII) 115

Relations of works to one another Basi lexicography - words via more words Relations of words to reality They can mean (formal) do mean (full, true) 5. Knowledge and Expression develop together 1. same common sense tend to coincide when same grasp of science 2. same grasp of philosophy when alien common sense 34 gulf when ignorance of subject and knowledge when teacher and pupil whon new ideas whon great man of past and present reader Expression is to someone, to an audience Communicate insight A insight B : what one can take for granted as understoed C irsight D : what one has to add to remedy difficiencies <u>E</u> assuming C and correcting E Practical insight in communication of A governs expression Hence, expression not properly true or false but adequato or inadequate for audience x Adequacy variable principally re A expeditious re E (can be series E_1 , E_2 , E_3 . Why expression may be complex when truth is simple if hearer, reader, understands - easier than rolling off a log if hearer, reader, does not understand has to learn obscure, difficult, tunnol Only people who understand overything have right to expect everything clear

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osorgan Notes Teoture 20 p. 7 (C. RVII) propriation of Truth Cognitional - self-correcting process of learning acquiring insights picking out experiences that are exactly identification to the point being able to teach orientation positions and counter-positions Solidarity one cannot learn much without identifying problems if C-P one runs off to false exclusions dominating other's minds Dynamio not in terms of precise terms, definitions, fixed usage but in terms of openness, to learn more Volitional bad will makes truth unwelcome unwelcome truth tends to be overlooked spontaneity of imagination, memory as well as willingness Volitional effective in themeasure it has at its disposal affect-laden images that move body to act. Truth of Interpretation 3. 1. Critical subject is 1. transcultural can relate and thereby understand varietic

of human thought conviction opinion

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testimony

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Lonergan Notes-Insight Lecture 20, p. 8 (C. XVII)_8 117

2. historical

does his own thinking affirming believing deliberating choosing within the context of past present (future) history

because not only intellectual pattern of experience

but	also	capable	of	

entering into understanding

polymorphic subject.

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2. Problem of interpretation

Expression Expression verbal flow governed by practical Insight F based on insight B grasping knowledge of audience C on insight D grasping ignorance of audience E for comm unication of insight A

Simple Interprotation

	practical insight F	
based	on insight B' grasping knowledge C'	
	on insight D' grasping ignorance E'	
	to communicate A^* (\Rightarrow A)	

Reflective Interpretation

practical insight F'' C C' based on insight B" grasping knowledge C" of diff E E'

on Consight D" grasping ignorance E" of diff E Et

Whence one understands identity A and A*

As many reflective interpretations as audiences [C" E" variables

3.2 Notion of Universal Viewpoint

1. - potential totality of genetically and dialectically related viewpoints actual totality is in history of religion culture civilization science

2. - potential totality is x1 x2 x3

x_{il} x_{i2} x_{i3}

 $X_{a} \longrightarrow X_{a} + 1$ genetic <u>P</u> system on move

Xia dialectical CP system distorted

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by non- pre- ir- rational

What are the "X" : see documents, monuments

histo ricul method

two parts rise from data GOP

Lecrus 20, p.4 (C. XVII)-9 118

of meaning

3. - potential totality of meanings

linguistic 1) not phonetics, comparative grammar, lexicography, analysis stylistic proximately concerned with expression

2) but possible constellations of sources acts terms

- potential totality as ordered

genetically - system on the move

dialectically - polymorphism of human consciousness

5. - order is potential

genetic relationships - same goal by many routes

dialectic - extremes : already out there now - true affirmation

de facto : anywhere between extremes

6. - What is ordered is advancing from generic and indeterminate

to specific and differentiated

7. - Universal viewpoint is universal

not by abstracting (inasmuch as) universal = ALL but by concrete totality No interpretation without interpreter paper Interpretation is advance from spatial order of marks on papyrus stone experience of subject through undorstanding judgoment s re protean notion of being | protean : what can be thought to be What can be thought to be lack of exper any combination of exper lack of insights insights rat judj lack of rat judj Orientations 8. - As presented not universal languago

other philosophers would prefer different use of real, illusory position, CP true, false mystery, myth Etc.

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Lecture 10 \$ 10 (C. XVII)-10 119

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but there is a particular philosophy that grounds \underline{U} , V P

structure of subject add distortions and omissions then basic character of any philosophy, pro-philosophy

but this is philosophy with which we are concerned

	3.3 Lovels and Sequences of Expression	
· · ·	Levels	· · · · · ·
	purely experiential : exclamation Source artistic ordering of experience : song rationally affirmed ordering : statement of fact add wish command request : will	
	further experience : psychological con ditioning insight j judgement not directly : literary insight directly : scientific judgement directly : philosophy action directly : rhetoric	
	Intersubjectsive, intelligence, true good right false bad evil	
	Sequences from undifferentiated to differentiated	
	lags philosophy first expressed in verse Em science = natural philosophy genera litteraria not <u>a priori</u> but <u>a posterio</u>	pedooles ri
	3.4. Limitations of the Treatise	
	Treatise : Practical insight F knowledge C disrogard differences in auditors	T)
	refer to other works	
	Logic : one has to presuppose initial language known to be able to expound basic logical terms, rules	9

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Lonergan Notes Ins ight (C. XVII)- 11 120

Math's : any section can be presented in treatise but any section raises questions it cannot answer

 \mathbb{Z} qq $> \mathbb{Z}$ poss. ans.

Phys Chem : system up to a point

blut group of unsolved questions

potentiality "system on the move"

"static system"

Biology etc. : "system on move" re "system on the move"

Human : "system on the move"

genetically dialectically

Physics

History

3.5 Interpretation and Method

Lower Blade Upper Blade interlocking of data <u>Genetic operators</u> linking of islands of interlocked data a. Genetic and dialectical sequences of meanings b. Lovels and sequences of epression

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3.6 Counter-positions

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Minor Resistence

people that can do experiments people that think out the qq to be settled by appeal to experiment

people that gather, edit, index documents; write monographs

people that put scores of monogreph together

		Leat	Lo ure 21, p. 1	nergan Notes - <u>Insight</u> (C. XVIII) <u>121</u>
Good:	particular	: <u>object of desire</u>	aversion :	empirical
	order	: recurrence	<u>exclusive</u> :	intellectual family economy politics technol.

value : why an order preferred

Will spiritual appetite

good as presented by intellect of order of particular goods

willingness ease frequency of willing

particular good as within order that possesses value

willing revealed in act

Rational self-consciousness

rational consciousness moves from <u>true</u> to <u>truth about good</u> one and the same is knower and doer truth about the good choice of truth ,

wakes himself

<u>Opposite</u>

 $\frac{\text{flight from self-consciousness}}{\text{rationalization}} \qquad \frac{\text{flight to activity}}{\text{adjustment of theory to practice}}$ what is done \equiv what ought to be

<u>moral renunciation</u> : vido meliora proboque deteriora autem sequor

Man in Concrete

a mixture : honour among thieves

I.3 Value

particular good falls under order orders qua objects of possible rational choice : = values

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Lonergan Notes - Insi Lecture 21, p. 2. (C. XVIII)

true

false values possibility of choice

flight rationalization moral renunciation

terminating : what is chosen

originating : value of good will

actual

in process

in prospect

hierarchic

objects of desire subordinate to good of order

good of order supordinate to value

terminating to originating

some terminating suppose others

conditioned condition more general less

from hierarchy : moral precepts

exigence of consistency knower and doer obligation

knowing truth about good willing this good

with the thoroughness of pure detached disinterested unrestricted desire to know

I.4 Method of Ethics

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Dynamic structure of human knowing-) metaphysics of proport being Dynamic structure of human doing -> ethics

I.5 Ontology of good

good of order : special case in emergent probability

not merely probability ------> emergence

but

possibility _____ insight _____ choice

Lonergan Notes - Insight Lecture 21, p. 3 (C. XVIII) 123

2 Notion of Freedom 2.1 Statistical residues coincidental manifold poss. higher systematiz. no determinism from below upwards free choice is choice of order (higher systems on lower manifold) 2.3 Practical insight not order that actually is but order that can be should be (value) 2.4 Practical reflection shall I possible such and such consequences satisfies good existing order improves no internal term Hamlet 2.5 Decision rationality of judgment truth (conformity to object) rationality of decision occurs in new dimension of consciousness I choose to be rational in doing part. good I choose such | order →for self

Freedom

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not underlying spontaneity

presupposed higher spontaneity

value

but in use of higher imposing order on lower

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choice not deducible : deduction presupposes <u>I choose</u> to be rational doer

⇒for others

personal relations

choosing actively = consciousness of freedom (experiment of freedom Sartre)

Lonergan Notes - Insight Locture 21, p. 4 (C. XVIII) 124

3 Problem of Liberation.

3.1 Essential and effective freedom

essential : from structure of decision choice

effective : will I do it

3.2 Conditions of effective freedom

External circumstances Bedouin free to mount camel but not to paddle kayak

> Eskimo not free to mount camel but free to paddle kayak

historical causality : what would have happened if Clopatra's nose an inch longer, thicker

<u>Psychoneural state</u> this is completely automatic flight. This is

Will, Willingness, Willing

<u>Knowing</u> - act easy prompt pleasant else <u>Learning - hard slow painful</u>

Willing - easy if willingness

of

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but to acquire willingness | long

ess | long | difficult

persuasion

Key point: willingness to be persuaded

implies possibility in time of universal willingness

but willingness to be persuaded = perfect good will

Effective freedom has to be won gratia sanans

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<u>elevans</u>

Lonergan Notes - Insight Locture 2 1, p. 5 (C. XVIII) 125

> 1000 (201) (1000 (2010)

Moral Impotence intellect to learn to know have tabula rasa to be persuaded to be willing will knowledge to choose here and now in function of actual have willingness ignorance one's actual choices based on settle one's willingness and will dynamic of events against us all men in same trap ----- > social situation surd true empirical evidence for false doctrine on good

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3.5 <u>Solution is supernatural</u>

3.4

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Lonergan Notes - Insight Leoture 22, p. 1 (C. XIX) 126

Transcendence $\frac{\lambda^{CI}}{\exists_{P}}$ 1.

(1)_ further qq

(2) further qq that give rise to H VP

(3) higher integration systematization

Transcendent Knowledge

XIX general : knowledge of what lies beyond proportionate being XX

: knowledge of higher integration in man special

through his relation to God

2. Immanent Source of Transcendence

unrestricted desire

can

|what is - that it is total obscurantism--)objective excludes what is not--that it partial is not

Critical which are the qq we can answer? settled by fact

compatibility of notes proves possibility

if God [exists omnipotent

critical problem (in this sense) strategy

some can be answered, if others can

What is Being?

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So far : A question considered only at a remove

1. Spontan. Notion pure desire

Heuristic Notion whatever can be grasped intelligently 2.

affirmed rationally

of understanding conceiving Restricted acts 3.

affirming

this that being

	• •.		•		
				Lonergan N Southare 22, p. 2(C. XIX)	otes - <u>Insight</u> 127
Ide	a of being	lide	a = conten	it of act of understanding	
		ide	a of being	= content of unrestricted	act of
	•			understanding, understan	ding
				everything about everyth	ing
		(1)	conceive	Idea of being	5.
8.	conceive i	t		Primary component	6.
<u>b</u> .	<u>affirm it</u>			Secondary component	7.
		(2)	causality		8.
•		(3)	Idea of be	ing = Idea of God	9.
		(4)	Affirmatic	on of God	10.
Ide	a of Being				
<u>1</u> .	Being ≞ c	objec	tive pure	desire	
	Idea of be	≥ing	= content c	of unrestricted act of unde	rstanding
2.	Idea absol	Lute]	y transcend	lent - understand everythin	g, o further qq
<u>3</u> .	Completely	/ uni	versal and	completely concrete - all	about <u>all</u>
<u>4</u> .	Being is i	intri	nsically in	ntelligible->idea of being	= idea of all
_					intelligibi- lity
<u>5</u> .	G00d = 1	Lntel	ligible		
6.	Unrestrict	ted a	ct is a sir	igle act - if total underst	anding divided
				among many acts,	none the
				unrestricted act	
<u>7</u> .	Idea of be	∍ing	is one idea	a - if many, then intelligi	ble related or not
•			.•	if related, one idea	

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5.

if not, then not one act or the one act would not understand

Lonergan Notes on Insight Lecture 22, p. 3 (C. XIX)

One but of many 8. of everyting - some things are material many Immaterial but of material Non-spatial but of spatial Non-temporal but of temporal

temporal spatial but understanding itself beyond emp.

9. No impossibility - our idea of positive integers

Primary and Secondary Component	qua understanding
 	qua of everything

Primary Component 6.

actual 1v	Intelligible	=	Intelligent	: insight into series
accuarty	Intelligible	•	Independ. of emp. resid.	: series of positive integers as conceived
potentially	Intelligible	2	what can be under-	: material multiplicity

another & another * another

residue

Unrestricted understanding understands everything

(1) it understands unrestric ted act - primary component

- (2) understands everything else - secondary component
- Secondary Component 7.

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Exist statistical Residues - Random divergence from probability

not just cloak for ignorance

Still from viewpoint of finite intelligence that knows systematically generally

unrestricted act knows pattern of diverging series of conditions

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pattern of schemes of recurrence

Lonergan Notes - Insight Lecture 22, p. 4 (C. XIX)

Causality

Analytic proposition becomes analytic principle

When terms and relations occur in concrete judgements of fact

use of bridge Finality

architect's design Exemplar

Efficient tax payers, town council, contractors, workers Causality verified within proportionate being

Is it verified with respect to proportionate being as a whole

not in sense that we observe

conservation

creation

2

1

a but in sense that "being" is intrinsically intelligible objective of pure desire

anything we can know it intelligible

to deny it, re known is to deny knowledge to deny it, re unknown is obscurantism

b intelligibility of being within proportionate universe is incomplete judgment virtually unconditioned - de facto

as long as within proportionate universe

de facto

judgment	existence	central	act
	occurence	conjugate	
understand	ling : not abso	olute necessity	,
	but de i	facto, empirica	1 <u>sc</u>
f being is i	intelligible, the	en there must b	e a transcende

nt being C i

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(1) self-explanatory

that is

(2) explains everything else

Lonergan Notes - Insight Lacture 22, p. 5 (C. XIX) 130

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Notion of God

Idea of being = what is meant by God = concept of God If unrestricted act, understands itself . .it is primary intelligible ŀ 2 If it is true - no further qq no poss, revision correction development invulnerable true not only intelligible but intelligent 3 It is primary being spiritual being Primary being without any defect 4 would if there were, unrestricted act / grasp what was missing but this is impossible act = primary intelligible 5 **Primary being** = good because good is intelligible Primary being without any defect = absolutely good true ------ affirming 6 without defect · :/` good ----->loving ['] <u>7</u> self-explanatory - for complete in intelligibility 8 unconditioned necessary or impossible 9 another either different and then not unrestricted 10 only one or just another and then material primary intelligible being true good

intelligence

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affirming

loving

unrestricted act =

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simple

2- -

10.

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Leature 22, p. 6 (C. XIX) ISI

but as intelligence added to intelligible - it understands itself

affirmation added to truth - of itself it is without defect

no conjugates - because one in its order

no potency - it does not develop

no distinction form and act - it is necessary or impossible

12 timeless

without continuous time - No Emp Resid.

without ordinal time - Does not develop

13 eternal if it exists, it is eternal

eternal = timeless existence

14 Secondary intelligibles are conditioned

What are also understood if unrestricted act understood

are distinct conditioned vs unconditioned

not'distinct realities

not known by a look

primarily being of itself without defect

and so nothing further needed for it to understand everything

distinct qua objects of thought

distinct but not distinct realities

knows power ------> correlatives

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possible

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reality \rightarrow God

15 omnipotent efficient cause

is ground of all possible being, all possible good defect if ground only of possible but not of actual

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Leasture 22, p. 7 (C. XIX) Isight

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omniscient exemplary cause

idea of being

<u>17</u> free

secondary intelligibles possible but conditioned

in intelligiblity in goodness

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possible and conditioned -> contingent

contingent ----- not necessary

as being not arbitrary ... rational free choice

free choice, knowledge of existence of freely chosen

not a further reality in God - primary being does not develop Hence every contingent predication concerning God is <u>extrinsic</u> denomination

Extrinsic denominator temporal - divine act if imminent, eternal

Efficacy one and same condition for truth God knows wills effects it is

Efficacy does not impose necessity - necessity | absolute | conditioned

19 Creator what would be presupposed by divine action would be unexplained - not being - nothing

20 .Conserver efficient causality re being

not re beginning to be

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21 <u>First Agent</u> - every event has conditions conditions scatter throughout universe

only cause of all is cause of each

applies every agent to action

honce every created agent an instrument

opp Banez Molina

Lecture 22, p. 8 (C. XIX) I33

efficient

final - divine choice

?

N. S. S.

<u>22=</u>	<u>Ultimate final cause</u>		
	Why is it		
	Why is it good		
	ground of all value		
23			

23 Enlargement of Metaphysics What is being? analogous knowledge

God not cause of evil : no cause basic sin

positive act

consequences of positive act

26 Personal, Subject

25

- (1) Intelligence Affirming Loving Intelligible Truth Good
- (2) Unrestricted act of Rational Self-Consciousness
- (3) Personalist view of order of universe

order is effect of person regarding persons

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Lonargan Notes - Insight Lecture 22, P. 9 (C. XIX) 134

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Affirmation of God

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1.	not ont	tological argument	Analytic	proposition		
2.	conclus	sion to argument I.	3.4	1 hunchre	•	
	If	the real is completely	intelligible,	then God exists		
	But	t the real is completel	y intelligible	.*. Therefore	· ·	
	MINOR	Real is completely i	ntelligible, if	real is being		
		Real is being				
	maj	Being is completely	intelligible	objective of pure desir	e	
				to be known by answer- ing all qq.		
	min	Real is being if pos	itions			
	MAJOR	(1) if real is compl	etely intelligi	ble, complete intelligibility exists		
		(2) if complete intelligibility exists, idea of being exists				
		(3) if idea of being	exists, God ex	ists		
	ан 1977 - 1977 1977 - 1977 - 1977					
		If complete intellig	ibility, then n u	ot potential, but nderstanding(material)		
		If understanding, then further questions, or unrestricted				
		If further questions	incomplete			

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. unrestricted