## Chapter I.

Kant :

요즘 문제 문제

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 $\{ \varphi_{1}, \varphi_{2}^{(m)}, \varphi_{1}^{(m)}, \varphi_{2}^{(m)} \}$ 

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- 1. Insight: general description
- 2. Insight: analytically: image question concept ; definition, law Cluster of insights: system (Euclid, Newton)
- 3. Higher viewpoints: sequence of systems
- **L**. Inverse insight: liberation from what is not to be understood
- 5. Empirical residue: general case: collaboration and generalization probability, dialectic

## Circle Meno Construct equilateral triange External angle Parallel axiom

Elim casual insights: symbolic logic Is maths just deduction of what is implicit in axioms? Russell Hilbert

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Gonseth Bourbaki

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Self-appropriation = advertence to oneself as experiencing understanding judging understanding oneself as

affirming oneself as

Not plaster-cast of a man or not a philosopher not what does Lonergan mean by Insight

not what so and so says

but what out of my resources I know

personal basis, personal grasp, personal conviction

principle of interpretation (difficulties I expeience will be had by others) Procedure that guarantees theory of knowledge that accounts for the theory.

Nest of related terms: data, empirical presentations (not understanding yet) inquiry (effort to understand, alert, root of questions) insight (into data, answer to inquiry, root answer) conception, formulation, thinking, supposing, defining,

> hypothesis, reflection reflective insight judgment

Data without inquiry: just there, Hume's world of ense impressions Inquiry without insight Insight and effort to formulate: when do circles intersect (coplanar  $r \cdot R = s - (r - R)$ general expression vs ertistic practical

general expression vs artistic, practical cf Socrates (operation of systematic ideal) science vs common sense

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Insight and formulation

insight: possible or necessary unity or relation (content as conceived) formulation: selects in data what is essential to insight Hegel Husserl parts of form Heidegger parts of matter Aristotle Z 10; phenomenology (different twists Buitendijk Van Breda, non-speculative

Definition: particular case of formulation nominal explanatory: adds postulational element

implicit: solely postulational element

Definitions of data, inquiry, insight, formulation

(a) inner selations - permanent structural element

- (b) basic self-appropriation : I have some adwareness of myself as exp ing ins form (c) developing self-appropriation ; inner relations remain fixed
  - related contents expand, diversify

become enriched with implications

cont, tions makes

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Syllogism

math logic: systematic exclusion of casual insight Aristotle's sullogismos epistnmovikos: expression of insight: moon phases sphere in limit: eidos,morphn,aitiov tou eivai, to ti nv eivai, ousia

System

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cluster of related insights, definitions, postulates, rules of procedure, deductions
geometry, Newtonian dynamics, Spinoza's ethics (not Aquinas, qq. as.
higher viewpoints - system heads into further questions
.9 = 9/10 + 9/100 + 9/1000

series of recurrences

## Symbolism

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17'84, MDCCLXXXIV - understand why Inverse insights: irrationals, inertia, collaboration, generalization, probability

Transition to scientific insights. Dynamic aspect: inquiry towards insight. 1 Comparison cart wheel: not end agent matter; clue spokes equal; concepts free fall : ditto clue s, t; vacuum no field work; continuous data; necessity; imaginati n adjusts; internal circuit 2 Heuristic structure structure, account of framework within which insights sought, obtained algebra: x (flag the diagramme) 'Nature of .. ': similars similarly understood similar to our senses similar in relations to one another (measurements) - bifurcation of understanding Fran - weight Experim - heat E. H. . autoring inglicter Differential equations Invariance 3 Concrete inferences from classical laws a particular problem and solution b general problem: motion of body in central field of force; n-body problem insight constructs the conditions; some sort of scheme adds to theoretical structure a more concrete intelligibility conditions must be fulfilled up to moment of predicted event 4 Probability (QM = results better than theory; deal with general problem) regards case when no scheme of securrence does not exclude particular determinate solutions does exclude general determinate solutions (break at ppol not a limit; LM p. 165 ; if at term of infinity, then non-empirical differentxipexafxinsightxfree is probability calculus like Euclid geometry a deliver i marcin j' excelens vin - been i por ee examine a priori case heuristic structure for a posteriori case epit. \_ become problement feet og positive / positions humber og positiveles for hunde = /or Tails faither & war systematic toullation along 21 or ser some systematic fate at work convegende to problem faither commence - scatterica

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