

World View, Attitude and Logic of Life to Survive in the Universe

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1 Preface **Intellectual life** is the life that

1) we can contact and

2) have the world view, the sense of value,
the attitude of a sense of object and logic.

We restrict life to the similar type of perception and thought to that of human being.

A world view is a common notion of intellectual life on facts and values of the past, the present and the future. The world view affects the sense of value, subconscious, attitude and logic. And vice versa.

1 Preface: *Story of the Presentation*

1) Object?

1. Preface p.4

(To act for accidental crises or to resolve every issue in every life. Deal with latter case)

2) Preparation, Logic: *Radical Enumerative Thinking*

and Contradiction of Unity 2. Logic p.5-14

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Logic: *Contradiction of Unity* “A sense of object
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History of “A sense of object and unity”

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2. Logic of Intellectual Life

To live is a series of having world view, attitude, logic and action

*One of the desirable requirement of intellectual life to survive is to understand **Radical Enumerable Thinking and Contradiction** as logic*

*→ **strict Induction= Abduction** → can embed AI*

2.1 Contradiction (Essence) [FIT2006,16,17] [TS2006, 10,11,12]

Single thing is not going on by itself →

Contradiction: The structure of relation or movement: expressed as term1- relation- term2

Difference between term1 and term2 and energy start movement of contradiction; physical movement or thought etc.

2.1 Contradiction (Classification)

Minimum element of the world

<i>Contradiction</i>	<i>Note</i>
<i>Contradiction of Resolving Differences</i>	<i>Usual changes.</i>
<i>(Usual) Compatible Contradiction: CC</i>	<i>Usual Contradiction. Realize two terms compatibly. e.g.: high power and light weight of engine. Function and structure</i>
<i>Special CC = Contradiction of Unity; CU</i> [TS2010,11] [FIT2016,17]	<i>Two terms continue to change each other. e.g.: man and woman, purpose and means, contents and form, unity and diversity, love and liberty, sense of unity and sense of object</i>

2.1 Contradiction (**Contradiction of Unity**) [TS2011]

[FIT2016,17] *Compatible Contradiction itself has its movement.*

*At the long time-granularity, original unit is divided into two objects e.g.: **male and female, function and structure, work and consumption**, object and thought and two thoughts.*

And each element start its own development.

*One day, if a term is revealed by facts to be sub-element or condition of the other term each other to form “ireko” in Japanese which is the structure of “Russian doll”, two terms begin continuing to change itself and the other term each other. e.g.: **feedback (input→ output→ input→)**, **evolution (structure→ function→ structure→ function→)** **Contradiction of Unity** starts.*

We have Contradiction of Unity continue to enhance both objects (good circle), CU to continue to deteriorate both object (vicious circle) and other CU. And convergence or divergence.

Hypothesis; Something continuing to enhance both objects divergently is Contradiction of Unity.

2.1 Contradiction (Contradiction in The World)

1) Model: Can be used as the minimum model element of recognition and action.

2) Start by the differences between term1 and term2 and **energy**. Hypothesis: **Energy** under any space and time [CGK2016]

3) Area: Can deal with

Movement in an objective world and issue or problem of **recognition and action** in a human world.

Both area have contradiction of function and structure roughly to minimize energy.

Contradictions in a human world is contradictions of objective world (forced by minimum energy principle) plus α .

It is easy to realize higher value by minimum energy by RET.

2.2 Radical Enumerative Thinking (Outline 1)

[FIT2012] **RET: To continue to review granularity and enumeration of object consciously to grasp the whole and the essence radically from objects.** By the minimum basic concepts.

Concepts	Explanation
Object	Information cut from facts by perception at a granularity. =matter, idea, their <i>relation</i> , their attributes
Granularity	A range or scope in time and/or space and/or attributes
To Enumerate	To numerate up to a whole without leakage (and overlap)

2.2 Radical Enumerative Thinking (Outline 2)

- *Useful for everyone and computer*
- *Logic is a relation between granularities*

Without enumeration of granularity we might miss the adequate granularity and adequate logic.

- *Logical Enumeration is possible → Strict Induction*
- *Should change granularity and enumeration simultaneously*
- *Big granularity of value take priority over small one*
- *The base of thought, abduction and argument.*

2.2 Radical Enumerative Thinking (Principle 1)

01) Complexity of granularity itself: Contradiction (Granularity and Object), Contradiction (range or scope in time, space and attributes in Object)

02) Deal with fact and value as object equally

1) Complexity of facts in space

Difficult to understand the relation between each facts and relation between each value and fact realizing it

2) Complexity of facts in time

Facts, value and that of human recognition are changing at various time granularity

→ Need RET at this time

2.2 Radical Enumerative Thinking (Principle 2)

3) *Constraint of attributes of physical human body and fixed notion of human decide granularity. Difficult to be relative to these.*

→ *Need RET for radical review of facts and value sometimes*

4) *Almost all expression in the world do not show explicit granularity. Vague granularity and logic in the world.*

→ *Should show how to specify the granularity among enumerated objects. Show the position of the theme among the whole.*

→ *Do not change granularity in a series of sentences in paper or arguments*

→ *Use same granularity when synthesizing contradictions*

2.2 Radical Enumerative Thinking (Principle 3)

(Granularity of granularity) *We have two cases:*

Simple Case: We enumerate granularities in the existing facts to know the position of the granularity in the fact and change if necessary.

Whole Case: Ideally we enumerate granularities of the every facts in the whole World and change.

(Use)

1. Simple use: We can get new invention or discovery by the enumeration at the same granularity or new granularity.

2. The cyclic decision of granularity and enumeration in RET can deepen thought.

3. The cyclic use of Contradiction and RET, which is itself CU.

2.2 Radical Enumerative Thinking (Application)

(Ultimate object and solution)

1. Everything is mutually related and changing. So essentially, to enhance something everything should be enhanced.

→ Enumeration of every granularity can change the whole world

2. An object can be enumerated at every attribute- time- space- granularity to get the whole of the object at any abstraction level .

→ Actually from a recognition or changing of something we can get the consciousness of my position and participation in changing the whole world.

→ Value of large granularity is more important than that of small granularity

3. World View and Attitude of Intellectual Life to Survive in the Universe

The life lives under various environment changing accidentally and regularly. It is necessary for intellectual life to survive is to act for accidental crises (do not deal with) and to resolve every issue

3.1 First Requirements

*The life lives under various environment of the planet, its mother star and their movement etc. It is necessary for intellectual life to survive is to act for accidental crises such as solar storm. We need the **plus α** principle*

3.2 The Second Requirements (Outline)

(Logic and history)

Necessary to resolve every issue in regular life.

Our action is divided into three types.

1) *change*

11) *to change thought on zero-basis and act (make, use) =
(world view, attitude, logic and action)*

12) *to change existing thought and act (make, use),*

2) *or not to change*

To live to resolve every issue in regular life is a series of having world view, attitude, logic and action

*According to a hypothesis of dialectics, roughly **logic is consistent with history minimizing energy.** Learn from **a) logic and b) history***

3.2 The Second Requirements (**a**) *the logic*)

*An attitude on objects logically consists of a **sense of object** and a **sense of unity**. [FIT2016]*

A sense of object** is my will to operate object as an object. The value of this is “liberty” which enhance my ability to change object. **Value only for myself.

A sense of unity** is an attitude to broaden the granularity and enhance both intellectual life and the other objects including other intellectual individual. I define the value of this as “love”. **Anti-concept of a sense of object. Value for every objects.

Hypothesis; “There is a concept that unification of the concept and its anti-concept make a great progress”.

3.2 The Second Requirements (a) the logic

Type OU having a sense of object and a sense of unity.

Type OU has a built-in mechanism to broaden the granularity of other objects and enhance both intellectual life and the other objects.

How to become desirable type OU are not yet formulated.

Example: World View and Attitudes of Human Being (b) historical review outline 1)

If no conscious use of energy and no technology made no increase of products and population in the history, we would need no culture.

And even if objective use of energy and technology made increase of products and population, if no diversified agricultural produce were made, we would stay local and small groups and had little needs for transportation and culture.

If objective use of energy and technology *increased diversified agricultural produce and population*, we would face the new phase for need of transportation, culture, history and world view.

The essence of world view should have simple granularity to come into subconscious.

Example: World View and Attitudes of Human Being (b) historical review outline 2) [CGK2017]

Agricultural revolution: 10000- 8000 years ago

An attitude of a sense of object and productive labour increases the quantity of diversified agricultural produce and population and expand to the other area

to raise an elemental unilateral sense of unity as a kind of opposite concept of the sense of object. (Use of language, tool or fire did not raise a sense of unity. What if only popularity increased and diversified agricultural produce did not?)

It took about 4000 years.

Example: World View and Attitudes of Human Being (b) historical review outline 3)

[FIT2016] [CGK2017]

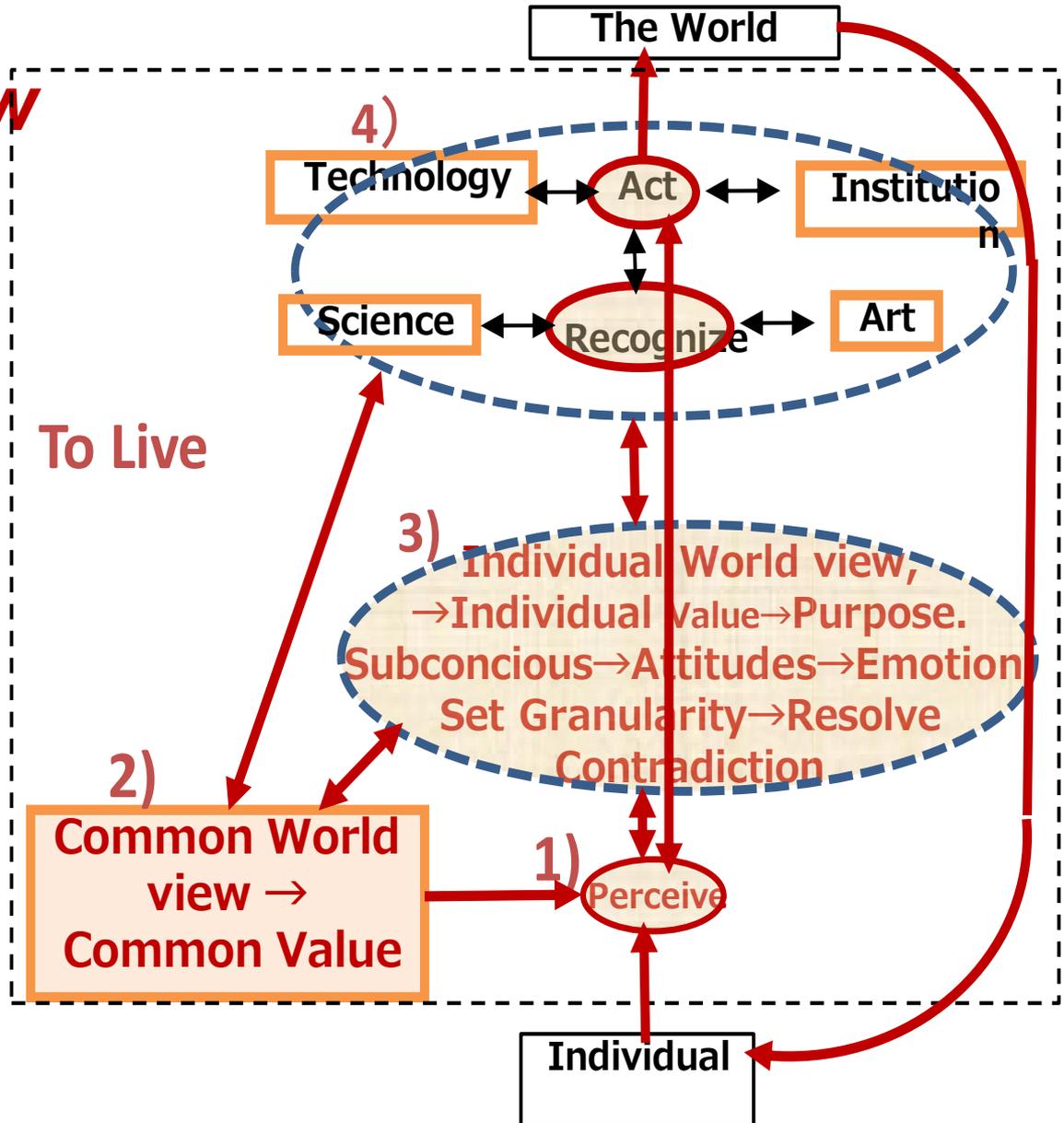
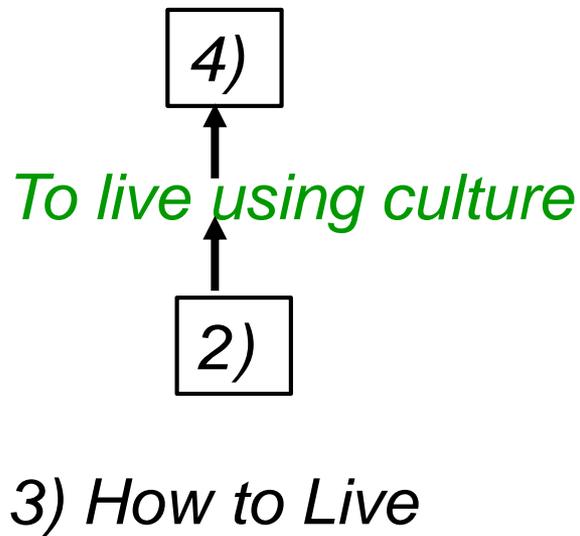
To realize value, human being happened to have two stages at different time-granularity

Evolution works in our body irrelevant to our will from the birth of life Only by contradiction of **function and structure.**

Culture (technology, institution, science, art. Each have contradiction of **function and structure.) works outside our body with our will from 4000 years ago**

	<i>Operation</i>	<i>Recognition</i>
<i>Means for sense of object</i>	<i>Technology</i>	<i>Science</i>
<i>Means for sense of unity</i>	<i>Institution</i>	<i>Art</i>

Example: (b)
historical review
outline 4)
Culture of
Human



Example: World View and Attitudes of Human Being (b) historical review outline 5)

By rough time-granularity of the world history we got a history consisting of the age of agricultural revolution (10000 or 8000 years ago),

economic system began by barter (6000 years ago – 4000 years ago),

compatible political system and religious system until capitalism (4000 years ago– 250 years ago)

and that of capitalism (now).

Example: World View and Attitudes of Human Being (b) historical review detail 1)

One day about 6000 years ago a man and woman happened to exchange products of their group each other.

This is the start of barter and a sense of possession. Possession forms a kind of sense of unilateral unity which draw object to subject to form a kind of institution. But this caused tendency of wasting something one does not possess.

Example: World View and Attitudes of Human Being (b) historical review detail 2)

Barter started economy which is a kind of institution.

Also barter brings out “principle of equality”. This slowly makes an equality, a balance, a sense of difference, series of reasoning and so contributes to science.

Example: World View and Attitudes of Human Being (b) *historical review detail 3*)

For the increase of population in this history religious system was used to **bear incomplete sense of unity**. A sense of belonging to a group was created to form a kind of institution.

Law, politics and religion emerged 4000 years ago. These are a kind of institution. (Culture takes form around this time.) These forms a kind of sense of unilateral unity which draw subject to object. However these also become a basis to eliminate the other group consciously. And “principle of equality” and institution bring out equalizing something not to be equalized to make revenge.

Example: World View and Attitudes of Human Being(issues to be resolved 1)

Since then, almost 4000 years had passed. And after industrial revolution, 1) actions by a sense of object are changing objects only for human being on a large scale. 2) But the actions did not necessarily enhance value of objects and value of private possession and sense of belonging to nation etc. conquered the world. So, we had many issues in institutional and technological area such as war or destruction of environment.

We need some principle of attitude and action to enhance other objects

Example: World View and Attitudes of Human Being (issues to be resolved 2)

After agricultural revolution, human spent about 10000-8000 years to find out the world view and the sense of value.

They are 1) the needs to unify a sense of object and a sense of unity and 2) an insufficiency of unilateral sense of unity and individual as a summary of history and the present.

The model of life in FIT2016 is a universal example achieved by the division into each layers in which each term conform to the same Contradiction of Unity simultaneously. [FIT2016] This was forced by minimum energy principle unconsciously.

4. Conclusive Thought 1

(Attitude now)

RET: To continue to review granularity and enumeration of object consciously to grasp the whole and the essence radically from complex and changing objects. It is difficult to acquire now subjectively the recognition, participation and verification of resolving the differences objectively between the whole of ideal truth and value and those of real life of individual.

For this difficult issue, it is necessary to know the whole history, the real world of human and the position of us in them as a world view and how to behave for changing the world depending on the position of individual.

(Ideal attitude)

To resolve a contradiction of a sense of object and a sense of unity enhancing each element and individual.

4. Conclusive Thought 2

(RET and AI)

As a base of abduction, thought, argument, RET and Contradiction should be a logic of intellectual life by a help of AI.

1) AI should set granularity in recognition and action for realizing value.

2) AI should change granularity of abstraction and discovery of law.

For accurate abstraction we need logical enumeration which depend on granularity for abduction not induction. Now we should teach computer necessary granularities which is also issues for human.

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