

**What is enough result of analysis and how to get it : "Advanced Method for analysis"
by [method for creating wisdom from knowledge](#)(Ref.1)**

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Summary

Having “Method for creating Wisdom from Knowledge”(Ref.1), it is necessary to have enough knowledge for creating wisdom. In order to have enough knowledge, there is almost no analysis method which is enough for use in creative management and creative research activity area. At least, there were analysis method book for chemical analysis (Note 2). However chemical analysis method book is not enough for analysis method for use in creative management and creative research activity area. This is the conventional problem in the world. This paper solves this problem. This method is entitled as “Advanced method for Analysis”

1. The social need to solve this problem

Conventionally, It has been understood as general thought "In order to analyze something, it is necessary to breakdown object **only** into small element as possible as we can". However, it was not enough method to get useful result of knowledge for creating wisdom from knowledge. This was the problem.

2. The solution and its thinking

(1) Necessary condition to understand the relationship of data, information, knowledge, will, wisdom and new knowledge as shown in Fig.1. The detail of this relationship and its explanations are the book of "Method for creating Wisdom from knowledge" (2009 English book).

The Synopsis of this book appears in <http://dtcn-wisdom.jp/00001-R3E1.pdf>

(2) Basic thinking

- ①□ Upper purpose to analyze is to obtain knowledge.
- ②□ Upper purpose to obtain knowledge is to create Wisdom.

(3) Meaning of analysis (Concept)

There are three meanings of Analysis ①"Past Analysis"、②"Future Analysis" and ③"Present Analysis" between ① and ②. .

(4) Grouping of the Object for analysis

According by fig.2, the following grouping is the entrance of this concept.

(The more details will be explained in Chapter 3)

First of all, it necessary explains the case of I and III that is the extreme two case of object of this analysis.

Case I : when there is person's intention. ① is intention, ② is result ③ is input and outoput process to reach result.

Case III: Physical phenomenon of the rule of nature without person's intention (Here I would like to have the understanding that the rule of nature is equal to the intention of the nature).

Then, between these extreme case of I and III, there is case II.

In the case II, there are the result with the intention of the animal and the plant which is printed in them.

And then, there is the case IV. The case IV is the combination of the case I and case II and/or case III. This is also included in the case I.

(5) Task of creative thinking how to effectively analyze to get enough Knowledge

There are three ideas of "Abduction, deduction and induction" of the creative thinking method by C.S.Peirce and others.

In order to apply this idea in effective thinking, these three ideas must be applied on each case of past analysis, future analysis and present analysis for their effective use.

(6) The cooperation with "Method for creating wisdom from knowledge (Ref.1)" and "Advanced project management methodology : DTCN Method (Ref. 2)"

There is ① the method PMD (Purpose Measure Diagram) method. This method is included as a component method in "Method for creating Wisdom from Knowledge"(Ref.1) or as a another explanation in <http://dtn-wisdom.jp/E-edition%201/03-01-Chap%202%20R8-PMD.pdf>

This PMD method is the method to proceed thinking of abduction and deduction (=grasping deductive keyword) at same time. This explanation is appeared (page 161~163 of Ref.1) and content appeared in <http://dtn-wisdom.jp/E-explanations/00001-Column%207.pdf>

By using this method, we can have the intention of will in manner of vertical repeating of purpose measure relationship (i.e. repeating of "in order to do, it is necessary to do" expression) on a paper in visible style. .

Also, The copy paper all about relation ship of ①PMD(Purpose Measure Diagram) method、②RCD (Result Cause Diagram) method and ③FRCD (Future Result Cause Diagram) method can be obtained from <http://dtn-wisdom.jp/E-edition%201/18-Appendix%20H%20R6%20Acrob4.pdf> (Ref. 2, 827~867 page).

① The method of PMD is the practical purpose measure vertical relationship diagram thinking tool to deploy person's or persons' intention on a paper in the thinking way of abduction and deduction (=deductive main key word finding) at a same time.

- ② The method of RCD is the practical result cause vertical repeating relationship diagram thinking tool to deploy the past person's or persons' intention and /or nature intention on a paper in the thinking way of abduction and deduction (=deductive main key word finding) at a same time.
- ③ The method FRCD is the practical future result cause vertical relationship diagram thinking tool to deploy the future nature intention on a paper in the thinking way of abduction and deduction (=deductive main key word finding) at a same time.

These three methods have already been announced in page 12-43 page in Journal of Japan creativity society Vol.3 of 1999 in Japanese language (Ref.3)

The detail explanation of PMD appears in page 35-69 of "Method for creating Wisdom from Knowledge" book (Ref.1) and additional explanation for abduction and deduction thinking at same time appears in page 161-163 of "Method for creating Wisdom from Knowledge" book (Ref.1).

In Fig.1, it shows by the small character written in ◇ shape and the content of work of PMD, RCD, and FRCD is shown under ① of each line.

(The brief explanations of PMD, RCD and FRCD appear (Note 2) at end of this paper This paper is accompanying with the relationship to the conversation of a fore side brain and after side brain, and the conversation between left side brain and right side brain)

The more detailed explanation appears in

<http://dten-wisdom.jp/E-edition%201/03-02-Chap%202%20R8-Nodding.pdf>

<http://dten-wisdom.jp/E-edition%201/03-03-Chap%202%20R8-Langu.pdf>

<http://dten-wisdom.jp/E-edition%201/03-04-Chap%202%20R8-egg.pdf>

<http://dten-wisdom.jp/E-edition%201/03-12-Chap%202%20R8-M&W.pdf> ,

<http://dten-wisdom.jp/E-edition%201/03-13-Chap%202%20R8-Visual-Rec.pdf> ,

<http://dten-wisdom.jp/E-edition%201/03-14-Chap%202%20R8-M&W-Rot.pdf>

- (7) Location and positioning of "Analysis" is shown in third row line the most left side Fig.1. (The analysis includes the past analysis and future analysis).

Fig. 1 shows the relationship of data, information, knowledge, will, wisdom and new knowledge after the wisdom was find or created.

To understand this relation more deeply, it is necessary to read page 152-153 (Ref. 1)

3. The Relationship between past analysis and future analysis.

With referring Fig. 2 and having the understanding of chapter 2, explanation in this chapter will be proceeded. This is the basic picture of the concept that analysis includes the both meaning of past analysis and future analysis. (In the case of human's intention, present analysis will be judgment base each instant between past nad future)

The explanation by this picture indicates that the analysis is not only to breakdown object "only" into small element as possible as we can, but they must be broken down into three group and their relationship i.e. in the aspect of ①, ②, and ③ of each line of I, II, III and IV

The past analysis of case I , it is necessary to grasp the relationship of that ① what humans'

intention created ② what and how structurally configured resulted by ③ what relationship of input and output process, must be broken down into their elements and relationship.

The future analysis of case I, it is necessary to grasp the relationship of that ① what humans' intention of will create ② what and how structurally configured result by ③ what relationship of input and output process, must be broken down into their elements and relationship.

The past analysis of case III, it is necessary to grasp the relationship of that ① what nature law or intention created ② what and how structurally configured result by ③ what relationship of input and output process, must be broken down into their elements and relationship.

Then we can obtain the good knowledge for effective future use.

The future analysis of case III, it is necessary to grasp the relationship of that ① what nature law or intention will create ② what and how structurally configured result by ③ what relationship of input and output process must be broken down into their elements and relationship.

Then we can obtain the good future knowledge for effective future use.

The analysis of case II is a case in the animal and/or the plant, and is located between case I and III.

(The plant and the animal are seemed that there is mechanism of decision by the intention or wills printed in themselves.)

The paper of decision mechanism by information of difference (1977) appears in

<http://dten-wisdom.jp/E-edition%201/02-2-Chap%201%20R6-DecMech.pdf> (page 23~45 in Ref.2)

The decision and judgment mechanism by information of difference was cleared by article of author in 1977 (Ref.3). This article can be down loaded through

<http://dten-wisdom.jp/E-edition%201/02-2-Chap%201%20R6-DecMech.pdf>, or

<http://dten-wisdom.jp/00001-decision-mechanism.pdf> (Ref.3, as a record of 1977 ICPR)

The past analysis of case IV, it is necessary to grasp the relationship of that ① what nature law or intention of will was existed or created ② what and how configured result by ③ what relationship of input and output process must be broken down into their elements and relationship.

Then we can obtain the good future knowledge for effective future use. The future analysis of IV, for instance, after there was a forest fire on the mountain by the law of nature, by combining humans' intention ①, fire engined flying boat + few fired result in the mountain ②, by human will human's planned process ③.

By looking at the case of I ~IV, it is observed that the almost same case pattern i.e. in the sequence of ①→③→② exist in the case of I ~IV.

4. The effective result by having concept of past analysis and future analysis.

We understanding the above, We can have the following understandings and effect.

(1) From understanding Fig.1 content, we can understand that Knowledge will converted to Wisdom by having the will of the human, and if the contents of wisdom can be explained to other human, wisdom will converted to new knowledge.

Then we can have management cycle of knowledge and wisdom.

I think that this mechanism has been doing our under consciousness and this mechanism clearly and simply explained by this paper.

(2) By the word concept of analysis that has the three meaning of past analysis, present analysis and future analysis.

Among Japanese people, conventionally they thought that analysis is done only the past matter. However, the imported method of the project management and the system engineering method from Europe or America describes that in project management must be started from the requirements analysis (e.g. PMBOK, BABOK and other system engineering handbook etc.).

So, Japanese people had confusion in understanding European style Project management instruction book. This has been the problem to be solved

Having this concept of past analysis, present analysis and future analysis, they could solved this problem..

However, European style project management related methodology book (e.g. PMBOK and BABOK and etc.) do not have the clear and detailed written methodology how to create or organize the future analysis having want, needs and/or seed and organize the intention of will by analyzing past, present and future in the smart style.

Now, having this "Advanced method for analysis" how to get enough knowledge, we proceed with European style project management and Japanese style How to create wisdom from knowledge, we world people coordinately open up new horizon of human kind, having the same starting point and same understanding point of thinking and its procedure to create future objective result effectively.

The main key point is that PMD method, in order to create the human's will in a visible on a paper with very smart style

(3) By establishing these thinking way and method, the concept of C.S. Peirce of "Abduction, deduction and induction" must be added one more second deductive approach to use the verified result by inductive approach, and then have the same sequense of "Method for creating wisdom from knowledge" which is consisted by PMD method, faultless procedure by Steplist method and the created and selecting result method (i.e. FBS method). (Ref.1).

And expanding this procedure by adding the elements of cost, it is entirely necessary to have the DTCN/DTC (Design to customers' needs/Design to cost) (=Advanced Project management) methodology (Ref.2).

(Note 1)

In general speaking, when we read the book for the chemical analysis, we have not been able to reach result that conventional chemical analysis method is not enough method to deploy that method for the area of management and its application,

(Note 2)

Easy explanation of PMD, RCD, and FRCD are follows.

PMD method is the method for arranging "verb + noun" expression in purpose and measure repetition relationship from top to down vertical expression and find most appropriate expression level for main Keyword and main keyword.

This process can do same thinking content of abduction and deductive thinking at same time before inductive thinking.

RCD and FRCD method are similar method having final result in top and cause in down repetition in vertical expression and finding main key of will or natural law direction for the result.

And input and output work flow must be written left to right faultless four frame as in stated in Steplist method in order to keep the the faultless procedure and its phased process (Ref.)

The more detailed and whole methodology explanation can be down loaded from

<http://dtn-wisdom.jp/E-pdf%20entrance.html> as Advanced project management (DTCN/DTC) methodology (Ref. 2)

References

1. **Method for creating wisdom from knowledge Michihiko Esaki (2009), Japan Material Management Association**
<http://dtn-wisdom.jp/00001-R3E1.pdf> (Catalogue)
2. **Advanced project management methodology(DTCN/DTC method)、 Michihiko Esaki (2002) : Full contents can be downloaded from** <http://dtn-wisdom.jp/E-pdf%20entrance.html>
<http://dtn-wisdom.jp/PR%20sheet%20Eng%20scope%20PM.pdf> (Catalogue)
3. **A method for decision making for management Michihiko Esaki (1977) ICPR**
<http://dtn-wisdom.jp/00001-decision-mechanism.pdf>
4. 未来型と過去型のメカニズムの創出または解明をするための「仮説設定、検証、評価、意思決定」をするための手順と書式」江崎通彦、木村恵次、日本創造学会論文 Vol.3、1999、in japans language
5. PMBOK Edition 3 、 PMI, Project management Institute,
6. BABOK (Business Analysis Body of Knowledge) IIBA (2009)

Fig.1 Relationship among Data, Information, Knowledge, Will, Wisdom and new Knowledge and their cycle

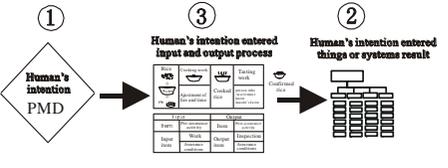
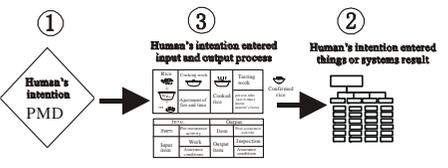
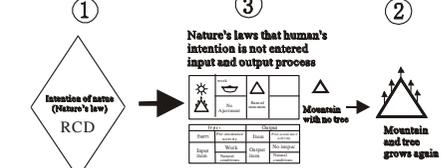
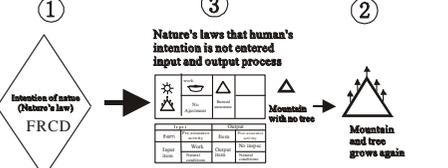
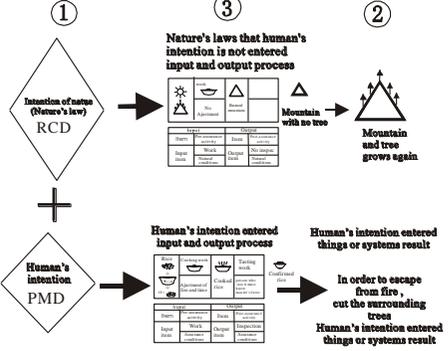
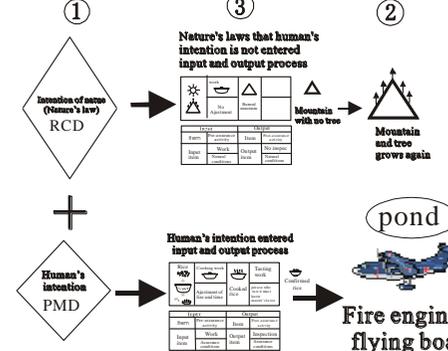
Data, Information, Knowledge, Will, Wisdom and New knowledge, Relationship of © Michihiko Esaki Ph.D. 2003, Rev.3, 2010-8-30

Relationship among Data, Information, Knowledge, Will, Wisdom and new Knowledge and Difference between Knowledge and wisdom

1	Have data	Have information that is not put in useful order (data)		
2	Have information (in a narrow sense)	Data, which is put in order, becomes information.(For example, Graph or Map)		
3	Have knowledge	Knowledge is consisted by two meaning below. 1. Knowledge of causation (Information of cause and result) 2. Knowledge of the existence of something including its structure and compositions. (Information of existence)	Have knowledge by learning	Have knowledge acquired by learning, such as reading or hearing information in a narrow sense
			Have knowledge by experience	Have knowledge acquired by experience
			Have knowledge by analysis	Have the analyzed result in the following view point.(1) by what will, (2) by what input and output process (3) what resulted structure and its composition obtained.
4	Have will i.e. Have Want or Need or Seed or two of or all of them Organize the will	(1) "To have want" means to have the upper purpose or desire of something to do (2) "To have seed" means to have the seed information which will create the new measure to do with it. (3) "To have need" means to have the just practically realizable reveal result which satisfies the upper purpose or want.	Brief book book is obtained form amazon and its Synopsis appears http://dten-wisdom.jp/0001-R3E1.pdf Whole methodology can be down loaded from http://dten-wisdom.jp/E-pdf%20entrance.html	
5	Have procedure to realize the objective result Have the construction od objective result	By having the will above, create the procedure to realize the objective result structure and composition To create the procedure, Method of Steplist Management' and Method of 3-5 Improvement method is the effective and useful method	Whole methodology can be down loaded from http://dten-wisdom.jp/E-pdf%20entrance.html	
6	Have New knowledge after implementing the wisdom	After getting the objective result by implementing the wisdom above, we are able to become to explain the causation of wisdom. This causation is the exactly new knowledge. This new knowledge will be return to knowledge of No.3 row of this table. By doing this, we can get the cycle of wisdom to knowledge, knowledge to wisdom. This is the wisdom engine cycle. Fuel for this engine is knowledge. To start this engine, we have to have to make PMD (Purpose measure Diagram) and grasp the keyword.		

Figure 2: Relationship between Past analysis and Future analysis

Comparison chart between "Past Analysis" and "Future analysis" i.e. ① Direction of will, ② constructed and /or composed result and ③ its creating process of input and output relationship.

	Case	Present from the past	Future from present
I	When there is human's intention (i.e. Purpose measure Diagram [ref.1,p36~69] is created in human's mind)		
II Between I and III	When there is Intention of animal and plant (i.e. Printed intention into animal and plant)	In the case of animal and plant, there are types of between I and II	In the case of animal and plant, there are types of between I and II
III	<p>When compete physical phenomenon with no human's intention is exist, i.e. the intention of nature (= nature's laws), i.e. (= cause and result diagram):</p> <p>It is assumed that the law of the nature that can be shown with RCD (Result Cause Diagram) and DRCD(Future Result Cause Daigram)</p> <p>Brief eplanation of RCD,FRCD is In Note2, and detail explanation appears in Ref.2</p>		
<p>Difference in the past and the future is that RCD(Result Cause Diagram) become FRCD(Future RCD)</p>			
IV	Intention of nature (=nature's law) and Human's intention		

The difference between I and II is whether there are assurance activeis and its conditions or there are not between input and output to next stage.

That is I has them and II have none.