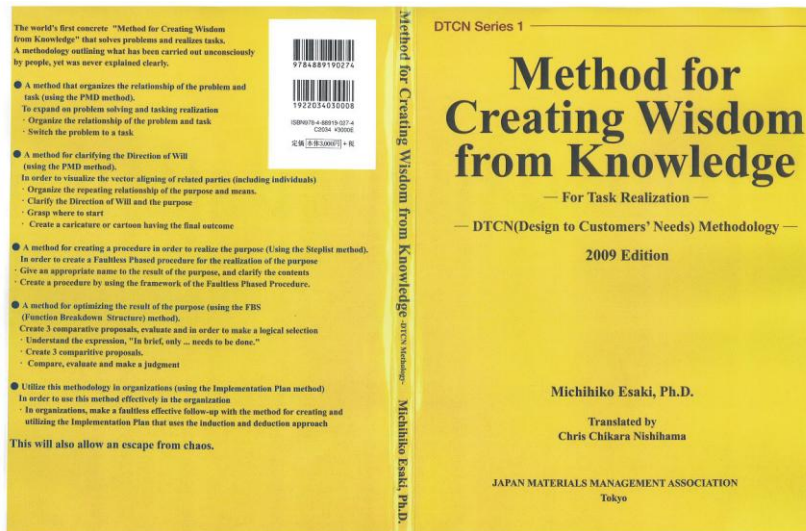


Method for Creating Wisdom from Knowledge (Also, this is the Book name)(2009 Edition)

By Michihiko Esaki Ph.D. and translated by Chris C. Nishihama ¥3,150, is be procured from following URL

http://www.amazon.co.jp/gp/switch-language/product/4889190279/ref=dp_change_language?ie=UTF8&language=en_JP

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This pages can be down-loaded from <http://dtn-wisdom.jp/00001-R3E1.pdf>

Synopsis

This is a one-of-a-kind book which shows the wisdom of how to do something.

If indicating, the relationship of "Have knowledge" and "Have wisdom", it will be as follows.

1. Have knowledge:

To "Have knowledge" means that one possesses the following 2 information.

- (1) Information concerning the cause-effect relationship.
- (2) Information about what exists somewhere (including information about the mechanism and components).

For instance, information on the cause-effect relationship is to know that, "If I drop a glass cup, it will most likely break." Information about what exists somewhere (including information about its mechanism and components) means to know that a glass cup exists, and to know what kind of material it is made of, its construction, etc.

2. Have wisdom.

To "Have wisdom" means,

- (1) Having knowledge regarding the process about how something should be carried out in order to do something, and
- (2) Having knowledge about what kind of results will be brought about and what will happen to the structural component when the process is undertaken.

For instance, when I want to break a glass cup, either I will drop it or I will throw it up in the air and let it drop on concrete. If I want to be sure of the outcome (process information about how something should be done), then I may throw it down on the concrete or get a hard substance and smash the cup with it. Furthermore, if I want to shave my beard with the broken glass, I would choose the fragment with an edge that is sharp enough (result and what would happen to the structure component). Thus, although knowledge develops into wisdom, only with the Direction of Will and Direction of Value will knowledge be rearranged into wisdom, and according to that wisdom action can be taken.

What organizes the Direction of Will and the Direction of Value is the PMD*1 (Purpose Measure Diagram), what makes the means into a process is the Steplist*2 and what creatively constructs or organizes the existence or the structural component of things and systems is the FBS technique*3. (*1, *2, *3 methods are shown in this book)

- (3) In order to create Wisdom, it is only necessary to have the Will.
- (4) To have the will, clarify "in order to do what, what is necessary to do?"
- (5) To have the will, it is enough only to have the PMD (Purpose Measure Diagram) in visible style or in one's mind.
- (6) To have the end result, it is only necessary to have the procedure to realize it.

3. To have a chain of knowledge

When wisdom affects the result, the explanation about it that if one were to do "this", "that" would happen, or when it is either explained or passed onto others, it becomes new knowledge and is added to the knowledge that we have already. This becomes a circulation of knowledge, wisdom and the newly attained knowledge.

In the "Method for Creating Wisdom from Knowledge", this circulation mechanism is called the "Wisdom Engine". The PMD (Purpose measure diagram) becomes the Direction of Will and a Key Word which is easily found in the

PMD becomes the sole KEY SWITCH for making this engine turn.

In order to do the above, use the Method for Creating Wisdom from Knowledge found in this book. The method for creating Wisdom from Knowledge is the mechanism that has been being carried out in our unconsciousness throughout our life.

It can be compared and found to exceed the scientific decision making methodology created by the Nobel Prize winner Herbert Simon.

-This book is the world's first "A Concrete Method for Changing Knowledge to Wisdom" that solves problems and realizes tasks. A methodology outlining what has been carried out unconsciously by people, yet was never explained clearly.

● A method that organizes the relationship of the problem and task (using the PMD method).

To expand on problem solving and tasking realization

- Organize the relationship of the problem and task
- Switch the problem to a task

● A method for clarifying the Direction of Will (using the PMD method).

In order to visualize the vector aligning of related parties (including individuals)

- Organize the repeating relationship of the purpose and means.
- Clarify the Direction of Will and the purpose
- Grasp where to start
- Create a caricature or cartoon having the final outcome

● A method for creating a procedure in order to realize the purpose (Using the Steplist method).

In order to create a Faultless Phased procedure for the realization of the purpose

- Give an appropriate name to the result of the purpose, and clarify the contents
- Create a procedure by using the framework of the Faultless Phased Procedure.

● A method for optimizing the result of the purpose (using the FBS (Function Breakdown Structure) method).

Create 3 comparative proposals, evaluate and in order to make a logical selection

- Understand the expression, "In brief, only ... needs to be done."
- Create 3 comparative proposals.
- Compare, evaluate and make a judgment

● Utilize this methodology in organizations (using the Implementation Plan method)

In order to use this method effectively in the organization

- In organizations, make a faultless effective follow-up with the method for creating and utilizing the Implementation Plan that uses the induction and deduction approach

● This book have the following appendices for professional use

① The clear relationship of Project management and System Engineering methods using the Method for creating Wisdom from Knowledge.

② A sample of the basic contract model of Japan Materials Management Association which shall also apply to the sub-byees, to combine the companies with reasonable cost and technology by not having unreasonable measures (by section 5 clause)

In the "Method for Creating Wisdom from Knowledge", this circulation mechanism is called the "Wisdom Engine". The PMD (Purpose measure diagram) becomes the Direction of Will and a Key Word which is easily found in the PMD becomes the sole KEY SWITCH for making this engine turn.(refer Figure 1 in next page)

In order to do the above, use the Method for Creating Wisdom from Knowledge found in this book. The method for creating Wisdom from Knowledge is the mechanism that has been being carried out in our unconsciousness throughout our life.

It can be compared and found to exceed the scientific decision making methodology created by the Nobel Prize winner Herbert Simon.

This book was donated to the each country's embassy in Japan and to the head Secretariat of the United Nations in April 2010.

I would be honored if this book is referred to others and is used as reference material or as a knowledge book to be given to the well minded people, to create well minded wisdom

Figure 1 Relationship among Data, Information, Knowledge, Will, Wisdom and new Knowledge and Difference between Knowledge and wisdom and their cycle
© Michihiko Esaki 2010-12-23

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 (Use advanced method for 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	(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://dtn-wisdom.jp/0001-R3E1.pdf Whole methodology can be down loaded from http://dtn-wisdom.jp/E-pdf%20entrance.html
	Organize the will	(1) Orgaiaze the will, want, need and seed by in order to do how to do in vertical relationship style (2) And find the main keyword and entrance keyword to do. To organaise the will and grapse Main Kywoerd in visile style among the people, PMD method is the effective and useful method. By having PMD, we can use the Reasonable and rational decision mechanism by information of difference .		
5	Have procedure to realize the 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		
	Have the construction od objective result	By having the will above, create the structure and composition of objective result. To create the most favorable objective result, FBS Technique is the effective and useful method. All those methods have been used as the means of which have been used in human's mind under consciously.		
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. (This is the Main key switch of wisdom engine)		

Foreword of the translator

I was born and raised in Canada with ancestral ties to Wakayama, Japan. As a child, my parents had constantly passed down the values of the Japanese which often conflicted with the western culture. Thus, much of my life until adulthood was a struggle in keeping both cultures in harmony. After coming to live in Japan, I again was confronted with bridging a cultural difference since modern Japan was somewhat different from what was passed down.

With a university background in physiology and in-depth studies in machinery, carpentry, electronics, displays, computer technology since coming to live in Japan, I thought I was ready for this translation project. However, to my surprise there was nothing to base Dr. Esaki's methodology on and the translation proved to be difficult indeed.

With much discussion with the author, the final wording of this book was decided that a direction translation approach was necessary for this first book in order to create a mindset that was in line with what the author wanted to convey.

I worked as an in-house translator and interpreter for Sony, Sharp and Philips during their project to develop large displays that now are commonly found in homes. During this period I realized that the mindset of the Japanese differed somewhat depending on which part of Japan you were from. Much that is said is left for interpretation by the listener and sometimes one may miss the point that the speaker is trying to state. Thus, I found it was necessary to quickly absorb the philosophy of the people from where each company was from. This was especially the case with Philips being the most different of the three companies. In the case of the Japanese, knowing the Japanese proverbs was very useful as much of what is done is based on old sayings and proved methods.

Dr. Esaki's methodology was created based on a need, but I believe it was possible only because he was of Japanese decent with an understanding of English. His methodology forces one to view their expressions from a vertical and horizontal stance and arrange them in such a way that everything falls into place forming a logical mindset, showing one the most efficient way to proceed. The Japanese language has been written vertically for centuries, however, modern Japanese is written both horizontally as is English and vertically. Changing the direction of how their language is viewed and understood is second nature to the Japanese. However, what is lacking in the Japanese language is the clearness of who or what the subject is and to whom or what the receiver of the action is. This is where the English language is very clear. Thus, with the strengths of both languages the basis of this methodology came into existence.

Although I had hands-on experience with this methodology, I'm sure that with some practice and review you as a reader will grasp and change your approach to problem solving and your mindset on how to proceed in anything that you may do as I do now.

Afterword of the translator

After reading this book, one may have a sense of familiarity to the processes explained, and at the same time a sense of alienation. The reason for this is because as Dr. Esaki has explained in the beginning of his book, most individuals especially working professionals have unconsciously used the PMD technique. However, it has never been clearly or fully explained. Also, once readers gain hands-on experience with Dr. Esaki's technique, one can quickly realize that the opinions and proposals of individuals of a group or organization, regardless of gender, nationality, social or economic status, educational background, religious or political standing, etc., will be taken into consideration. This is quite important in society and in organizations where one can easily view just where their proposals were incorporated in the overall plan, creating a sense of belonging by taking into consideration all views from individuals.

In rational decision-making, the most preferred set of consequences from a list of comparative plans (alternatives) are selected. However, individuals or organization cannot possibly be able to know all the comparative plans let alone all the consequences. The "black-box" of successful individuals or organizations can be mimicked by any individual using the PMD.

Yet, this book is not just about the PMD but how wisdom is created from knowledge. What is hopeful is that knowledge is not limited to the individual's experience or education, but can be attained from various sources and is abundant. If one can make choices that are most efficient or practical (in other words, "correct" according to what is presently known or is accepted as universally true), then it can be said that that individual is exhibiting intelligent behavior (according to the beliefs and views of that individual's culture or region). Dr. Esaki's methodology offers such decision-making to the reader. I cannot help but to make reference to William Ross Ashby and Herbert Simon who were both involved with artificial intelligence. In their endeavors, making the "best" selection or choice seemed to be the key condition for decision-making or problem solving. Does Dr. Esaki's methodology offer in a clear concise way of choosing the "best" alternative, which also incorporates the individual's

or organization's will and create wisdom at the same time? I believe it does.

Dr. Esaki has pointed out that from the view of "saving the earth and creating and satisfying customers", a plan of action without ill intentions can be created. And with the ability of analyzing past, present and future outcomes, it has the ability of bringing to light all hidden agendas of individuals inconsistent with the policies of society or organizations.

Once this methodology becomes a part of one's decision-making process, one cannot help but to feel a sense of being more logical, efficient and intelligent than what one used to be or thought possible.

Additional information 1 :

A reader's comment Daniel Langlois's (non-Japanese, Canadian) comment 2009-10-15 at Gifu city

In this book, Dr. M. Esaki wants to give each one of us a new meaningful tool, a new purpose to our daily actions in order for us to be happy during the course of our life and to be proud of our achievements at the end of our life. Our goal should be to acquire as much knowledge as possible in order to create wisdom from knowledge and this way, cooperate with each other instead of fighting to keep the earth as a comfortable place to live in.

The more knowledge we acquire, the better we will be able to create wisdom and use it in a more useful way than fighting each other.

The beauty of this method is that it can be applied every work or every situation, because it is so simple or even the common person can utilize it.

Additional information 2:

Column 7 in original book (page161~163) (2009 edition) must be replace as shown next page column 7R1

This article was revised after publishing the Method for creating Wisdom (2009 edition)

New discovery by using this method What is enough result of analysis and how to get it :

i.e. "Advanced Method for analysis" by method for creating wisdom from knowledge was written by Michihiko Esaki esaki@dtcn-wisdom.jp DTCN International Inc.

This expands the ideas of "Abduction, deduction and induction" of the creative thinking method by C.S.Peirce and others.

The detail of "Advanced Method for analysis" appears next page of column 7R1

Additional information 3:

The more deployed method of method for creating Wisdom from Knowledge is titled "The redefinition of WBS (Work breakdown Structure) method and its using method for PM and SE people by Method for creating wisdom from knowledge" i.e. "DTCN/WBS method for SE and PM" (Systems Engineering and Project management) by using Method for creating wisdom from knowledge".

This method is still in Japanese language at date of 2010-12-13.

If someone wants translate this book into English or native language book, propose your plan to Dr.Esaki esaki@dtcn-wisdom.jp

Following URL shows this book catalogue and it is to be able to procure at Amazon.jp

<http://dtcn-wisdom.jp/00001-PMSE.pdf> (in Japanese language)

To procure this book from Amazon.jp, refer following URL

http://www.amazon.co.jp/gp/switch-language/product/4889190295/ref=dp_change_lang?ie=UTF8&language=en_JP

Column 7R1 : Problem solving Method by using "Method for creating Wisdom from Knowledge and comparison with the conventional problem solving method"

The method described up to now was for task realization.

In Chapter 1, it was stated that the realization of the "Task" solves the "Problem". Conventionally, solutions to problems were recognized and defined as below where they are attained by following the next work phase.

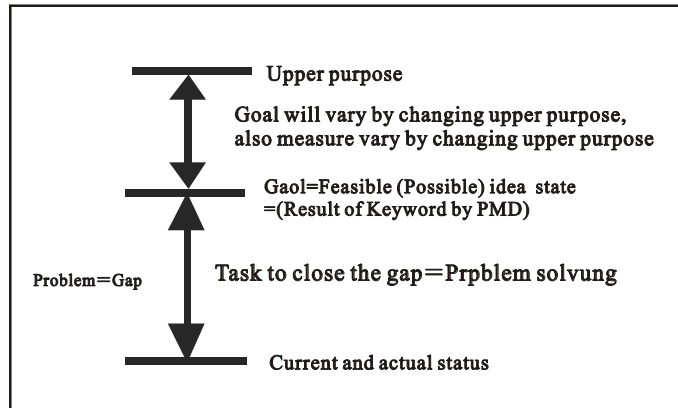
1. Gathering information: Information is gathered from the environment and analyzed, and a problem for which a solution is needed is discovered.

2. Search for comparative plans (alternatives):

Search, and make alternatives for solving the problem discovered in the previous phase. When doing so, as humans have limitations in their information-gathering capacity, not all the alternatives can be found.

3. Evaluation of comparative plans (alternatives):

The results of searching for alternatives are predicted, compared and evaluated. When doing so, as humans have limitations in their calculation ability, a perfect prediction and evaluation are impossible.



4. Selection of comparative plans (alternatives):

The results of each alternative are predicted, compared and evaluated, and the alternative that satisfies the standard of the evaluation is selected. However, as humans have limitations in their rationality, one cannot help but to conduct decision-making based on the principle of attaining satisfaction.

5. Implementation of comparative plans (alternatives):

The selected alternatives are implemented and the prescribed results are secured.

6. Feedback: The results of the implementation are evaluated and analyzed and the information is fed back to the next decision-making.

This is how problem solving was conventionally carried out. And, according to the contents of phase 2, discussions which had problems in creativity (necessary conditions) were conducted.

In addition, various styles of problem solving methods and problems in creativity were discussed. However, in Chapter 1 of this book the problem was assumed to have the one condition, to realize the task. With this in mind, the mindset and methods conveyed from Chapter 2 basically do not contradict the above conventional method for problem solving, but is thought to greatly embrace it.

Moreover, by grasping the PMD and Keyword, what have been described as "hypothesis establishing (abduction)" and "deduction" approaches can be conducted all at once. Deduction, which follows the hypothesis establishing, is the Keyword expression. Induction is used for phases 1 to 4 of the Steplist to verify and evaluate. The "deductive approach" (phases 5 to 8 of the Steplist) is used to deploy the evaluated results for creating an embodied mechanism useful for society.(For more detail, refer "Advanced Method for Analysis"

<http://dten-wisdom.jp/00001-E-analysis.pdf>

Besides this, the natural phenomena that has occurred up to now, the problem of clarifying the cause-effect relationship of things that occurred in the past and to predict future natural phenomena and solve the problems of its influence, because the results are known, an RCD (Result Cause Diagram) is created to know what needs to take place in order for those results happen when establishing a hypothesis, which is similar to the PMD. For future natural phenomena, an FRCD (Future Result Cause Diagram) is created and its Keyword is grasped to be a deductive expression where its contents are verified and evaluated inductively. Through the problem solving and task realization methods discussed in this book and not in the conventional sense, the results are then made useful to society. Though still in its rough form, this has been presented in the Creative Society thesis (1999) "A Procedure and Format for the Thinking and Action of "Abduction, Verification, Evaluation and Decision Making" to Reveal Rational Past Mechanisms and to Create Future Mechanisms" (The contents can be downloaded from the following URL.)

“Advanced Method for Analysis” <http://dtn-wisdom.jp/00001-E-analysis.pdf>
and <http://dtn-wisdom.jp/E-edition%201/18-Appendix%20H%20R6%20Acrob4.pdf>

Japanese version

<http://dtn-wisdom.jp/00001-J-analysis.pdf>
and <http://dtn-wisdom.jp/J-Edition%202/J%20%20app%20H%20abduction%20J.pdf>

To obtain the book of Japanese Version of Method for creating, click the following URL
<http://dtn-wisdom.jp/00001-R3.pdf>

The article of “Advanced Method for Analysis” is as shown in next page.

What is enough result of analysis and how to get it

by [method for creating wisdom from knowledge](#)(Ref.1)

Brief name of this method is "Advanced Method for analysis"

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DTCN International Inc.

The same page is downloaded from <http://dtn-wisdom.jp/00001-E-analysis.pdf>
Japanese original and more details appear in <http://dtn-wisdom.jp/00001-J-analysis.pdf>

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

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

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

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

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

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

<http://dtn-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)

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Figure 1 Relationship among Data, Information, Knowledge, Will, Wisdom and new Knowledge and Difference between Knowledge and wisdom and their cycle © Michihiko Esaki 2010-12-23

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 (Use advanced method for 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	(3) "To have want" means to have the upper purpose or desire of something to do (4) "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 revel result which satisfies the upper purpose or want.		Brief book book is obtained form amazon and its Synopsis appears http://dtn-wisdom.jp/0001-R3E1.pdf
	Organize the will	(3) Orgaiaze the will, want, need and seed by in order to do how to do in vertical relationship style (4) And find the main keyword and entrance keyword to do. To organaise the will and grapse Main Kywoerd in visile style among the people, PMD method is the effective and useful method. By having PMD, we can use the Decision mechanism by information of difference .		
5	Have procedure to realize the 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://dtn-wisdom.jp/E-pdf%20entrance.html
	Have the construction od objective result	By having the will above, create the structure and composition of objective result. To create the most favorable objective result, FBS Technique is the effective and useful method. All those methods have been used as the means of which have been used in human's mind under consciously.		
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.(This is the Main key switch of wisdom engine)		

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)	① Human's intention PMD → ③ Human's intention entered input and output process → ② Human's intention entered things or systems result	① Human's intention PMD → ③ Human's intention entered input and output process → ② Human's intention entered things or systems result
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	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): It is assumed that the law of the nature that can be shown with RCD (Result Cause Diagram) and DRCD(Future Result Cause Daigram) Brief explanation of RCD,FRCD is In Note2, and detail explanation appears in Ref.2	① Intention of nature (Nature's law) RCD → ③ Nature's laws that human's intention is not entered input and output process → ② Mountain with no tree → Mountain and tree grows again	① Intention of nature (Nature's law) FRCD → ③ Nature's laws that human's intention is not entered input and output process → ② Mountain with no tree → Mountain and tree grows again
Difference in the past and the future is that RCD(Result Cause Diagram) become FRCD(Future RCD)			
IV	Intention of nature (=nature's law) and Human's intention	① Intention of nature (Nature's law) RCD + ③ Nature's laws that human's intention is not entered input and output process → ② Mountain with no tree → Mountain and tree grows again + ① Human's intention PMD → ③ Human's intention entered input and output process → ② Human's intention entered things or systems result In order to escape from fire, cut the surrounding trees Human's intention entered things or systems result	① Intention of nature (Nature's law) RCD + ③ Nature's laws that human's intention is not entered input and output process → ② Mountain with no tree → Mountain and tree grows again + ① Human's intention PMD → ③ Human's intention entered input and output process → ② pond Fire engined flying boat

The difference between I and II is whether there are assurance activiteis and its conditions or there are not between input and output to next stage.
 That is I has them and II have none.