HOW TO USE CORE IN ENGLISH

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CORE means Thinking Language System. CORE is not a shortened form or an abbreviation but originally nickname of my old friend who was female hybrid dog with high intelligence being less than "SIRIUS" or "ALGERNON" of a rat.

If a human being could use CORE, the programming of thought might flow easily. The style of CORE is different from old natural language. CORE seems cosmic language. But I have not seen the language character of such style in SF movie. CORE is like a computer language or a mathematical form.

I remember I would say how to use CORE in English.

CORE in English play as a virus with code such as "→〉", "〈 〉", "( )", "[ ]", "／／", "–〉〉", "–〉 〉 ", "＊", "$", "@", "☆", "X", "L", ….

CORE will mainly select "the target word" and "the relation word" from the natural language. And CORE will judge to assist, select "the situation word" and "connection word". "The situation word" is a sort of "the target word", and "the connection word" is a sort of "the relation word".

I will explain with a sample sentence (next gothic character) from "SPACE AND TIME" (By H. MINKOWSKI).

We will try to visualize the state of things by the graphic method.

The codes of CORE invade this sentence.

We ––will try〉 $––visualize〉 the state of things /by/ the graphic method []

In this metamorphosis, "We" and "the state of things" are the target words. I use "word" as a phrase, a segment, or as a sentence in CORE. "––will try〉" and "––visualize〉" are the relation words. Here "/by/ the graphic method" is the situation word. "/by/" is the situation relation word. "the graphic method" is the situation target word. If the situation word would place in middle of a sentence, I used to write as " ……/by/ the graphic method/ …". I call $ as "free-pronoun". $ play to take several pronoun's places freely. Here $ may play as "we". [] is the end mark of a sentence in CORE.

I will shift next example.

Let x, y, z be rectangular co–ordinates for space, and let t denote time.

This sentence is infected with CORE virus.

$––〉〉 x, y, z 〈〉 rectangular co–ordinates /for/ space

[and] $-->>> t --denote> time []

In this transformation of disease, "$-->>" means "let", I think "-->>" as "strong action" with function as "make" of "make it do" or "let" of "let it be". "<>" may be used as "<be>". "<>" is "both relation word", including the meaning of "each other". Old style of "<>" was "--<>--", but it now alive in special case of two target words being apart. "[and]" is the connection word. To tell the truth, first I set "[,] [and]", next I change it to "[and]". If "and" not was, only "," was, then "[,]" remains. "[,]" is weak connection word without clear meaning. To the contrary, "[and]" has sharp meaning of parallel or conjunction.

I will target other example.

The objects of our perception invariably include places and times in combination.

CORE tastes this sweet.

The objects (our perception)

    -- (invariably) include> places & times

    /in/ combination []

The style of "The objects (our perception)" is from mathematical function "f(x)". Other style of "-- (invariably) include>" is almost same idea.

The relation word have a meta order such as A[&]B, A<&>B, A/&/B, A&B.

CORE forks in three lines on this expression. This style is from PASCAL or C++ of the computer programming languages. For it is to be understood easily. Long, long ago a paper or a parchment were precious, a clay plate was weighted down, a rock face for a relief was limited, but now virtual paper in computer is very cheap and easy to use. Thus CORE evolves from natural language to computer programming one.

I will write next example.

Nobody has ever noticed a place except at a time, or a time except at a place.

I write this in CORE. I used to use "∇" as somebody.

X∇ --has (ever) noticed> a place /X at/ a time

                    [or] a time /X at/ a place []

I like the denial code not as "X" but as "●", it is a "black star" of sumo with negative image. I will use "●".

●∇ --has (ever) noticed> a place /● at/ a time

                  [or] a time /● at/ a place []

It appeals strong impression. But "X" is also alive.

In connection with "●", affirmation symbol is "○", "◎", "G(good)", or

"Y(yes)".

CORE has the symbols of @ as /at/ place, ☆ as /at/ time. Upper CORE can change as next form.

●▽ --has (ever) noticed> a place ●☆

[or] a time ●@ []

What do not I explain are "-> > ", "*", "L".

There is an example.

But I still respect the dogma that both space and time have independent significance.

I use "L" in this example.

[But] I --still respect> the dogma

L◇ both space and time

--have> independent significance []

"L" relates "the dogma" and "◇". "◇" is abstract relation word as "that", "which", "what",…. "◇" means or substitutes for a sentence and so on except a word. "$" substitutes for a word.

There is other example.

A point of space at a point of time, that is, a system of values x, y, z, t, I will call a world-point.

I use "*" and "-> > " in this one.

A point of space /at/ a point of time

[that is] a system of values *a

*a ◇ x, y, z, t

I --will call> *a > a world-point []

"*" is annotation mark in CORE. If a character would have "*", then the character should have some meaning. The ways of definition of *a are several.

*a「 x, y, z, t 」 (Japanese style)

*a { x, y, z, t }

*a : x, y, z, t

x, y, z, t (◇*a)

x, y, z, t (: *a)

{ x, y, z, t } *a

"A --do> B > C" means "A do B to C", "A do B for C", "A do B as C".

First formula of "A --do> B > C" was from "A mother takes a doll to a daughter" written as "A mother --take> a doll > a daughter". CORE used to

ignore "s" of third person singular present form. It is a meaningless code in CORE. But "s" may remains.

Well let try to translate from natural language to CORE.

The multiplicity of all thinkable x, y, z, t system of values we will christen the world.
With this most valiant piece of chalk I might project upon the blackboard four world-axes.
Since merely one chalky axis, as it is, consist of molecules all a-thrill, and moreover is taking part in the earth's travels in the universe, it already affords us ample scope for abstraction ; the somewhat greater abstraction associated with the number four is for the mathematican no infliction.
Not to leave a yawning void anywhere, we will imagine that everywhere and everywhen there is something perceptible.
To avoid saying "matter" or "electricity" I will use for this something the word "substance".

As an example, I translated. There are several ways to translate. The aim of CORE is what we are near to original image of the thought being written by the natural language.

The multiplicity of all thinkable x, y, z, t system of values we will christen the world.
The multiplicity (all thinkable x, y, z, t system of values)
　　L◇ we --will christen> the world []

With this most valiant piece of chalk I might project upon the blackboard four world-axes.
　　　　　　　　　　　　/with/ this most valiant piece of chalk
I --might project> four world-axes /upon/ the blackboard []

Since merely one chalky axis, as it is, consist of molecules all a-thrill, and moreover is taking part in the earth's travels in the universe, it already affords us ample scope for abstraction ; the somewhat greater abstraction associated with the number four is for the mathematican no infliction.
　[Since] merely one chalky axis (◇*a)
[,] as it is
[,] *a --consist of> molecules 　◇ all ◇ a-thrill

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[and moreover] *a ──is taking part in> the earth's travels /in/ the universe

[,] it ──already affords> us > ample scope /for/ abstraction

[;] the somewhat greater abstraction <associated with── the number four

    <is> /for/ the mathematican/ no infliction []

Not to leave a yawning void anywhere, we will imagine that everywhere and everywhen there is something perceptible.

●$ ──leave> a yawning void /anywhere/

[,] we ──will imagine>

    ◇ /everywhere and everywhen/

    there <is> something perceptible []

To avoid saying "matter" or "electricity" I will use for this something the word "substance".

$── avoid> $ ──say> "matter" or "electricity"

    I ──will use> /for/ this something/ the word "substance" []