

## Therapeutic Functor that calls semantic Argument -Focusing on the compound nouns in Sijo

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### **Abstract**

*The human body is structured as sentence of healing. This study examines how the mechanism of healing works in the human body by the narrative relation of functor and argument. So, we predict the way of extreme healing by literary or human narrative. For this purpose, we analyze the principle that the emotional and semantic arguments are called by the functor set by the sentences containing the fingerprints of mind in Gosijo and the mechanism of healing works extensively. We analyze the process of the transition from the narrative of the literary to the narrative of the human body.*

*Thus, the barcode of the healing, which is made up of the relationship between the functor of the literature and the argument, is transferred to the human body and it is judged that the fingerprint of the human mind is operated through the stage of encoding and re-encoding due to the action potential. In addition, it was predicted that the neurotransmitters such as dopamine and the secretion of hormones would be promoted and the healing level would be increased.*

*In results, we conclude that the function of argument and functor which contains the fingerprint of the mind in the third sound step on the last sentence of Gosijo is transferred to the human body and is especially heavily focused and operate with healing.*

**Keywords:** *Encoding, the functor of love, the argument of longing, the literature therapy of Sijo, the prescription of healing, the bio current, the biochemical Encoding, the biological restructuring, the mechanism of literary therapy, Codon of Sadness*

### **1. Introduction**

Literary therapy is the positive and creative encoding of literary feelings in the human body. Modern medicine says that all human feelings are "encoded"[10,11,12,13] in the human body.

In this Researcher's study, we found that depressive symptoms, stress, and cancer were healed or resolved in participants who enjoyed Sijo[1,5]. In this study, we explore the narrative system of Sijo as a relation of functor(函數-자) and argument to find a better method of literary therapy. Therefore, we will try to find out that the function of healing contained in the Sijo is activated by the a relation between the functor and the argument. In this study, it is assumed that "emotion" and "meaning" are

used together when the word "emotion" or "meaning" is used. This study is an extension of our research on "literature therapy"[1,2,3,4,5,6,7,8].

## **2. Therapeutic Functor**

### **2.1. The space of the Functor and Argument**

The human body is structured as sentence of healing. Human beings want to be restructured into healing sentences composed of functor and argument for a better way of life. It means that the semantic argument of healing is composed of the relation between the functor and the argument. So healing is the essence of life, and the semantic argument of life lies between the functor and the argument. It means that the reason for existence is between the functor and the argument. The structure of existence is the structure of functor and argument. So life is always going to go between the healing functor and the argument. The space between the lines of "functor and the argument" is the space between the lines of healing. It is the purpose of existence to find your own line in literature. That's why the body is structured as a healing sentence.

### **2.2. The Functor of Love changed for the therapeutic codes**

The convergence of the functor and the argument is to be encoded into the healing code. This condition is like a relationship of lovers. Lovers meet each other and want to make a change. As the functor and argument of the sentence meet and become compound nouns, lovers meet each other and want to exist as compound nouns. So to say that lovers like each other is to change themselves. The words they like are like confessing each other that "You are the functor of longing to miss me. And I am the functor of love that loves you". The argument of longing is thus called as the code of healing by the functor of love. The lovers who are exist with longing are confessing, "You are a functor of my love, so I am a your longing argument.", or "I am a functor of your love, so you are a my longing argument."

In this process, every moment of receiving the confession of love, the narrative of the human body is encoded and structured into the functor relation of the extreme feelings and emotions, and human body is experienced the catharsis. This is the effect of literary therapy. The compensation circuit is activated in the human body. So human body secretes the neurotransmitters and hormones, such as therapeutic sentences "dopamine, endorphin" which react in the body. These secretions are that the human body's loving functor and longing argument are united, and transformed into the healing codes.

## **3. Function of the Functor and Argument on the Gosijo**

### **3.1. Encoding**

Gosijo is old traditional Korean poem. The compound noun of Gosijo can be characterized as having the function of the functor in its body, leading the entire subconscious or conscious semantic argument of the whole sentences of Sijo. Through such a process, it causes the extreme "action potential"[12] of biological narrative for treatment in the human body. This study expresses the state of the encoding which is ignited into the action potential in red in the Emotion Codon table as the arrangement of the genetic factors of emotions. This is expressed the image of codes in the Emotion Codon table, which is activated in each part of the human body, as shown in the picture of "Bodily maps of emotions"[14]. The process of encoding is to engrave the emotional map of the biological

narrative into the human body. This is the process of healing. That is, the "encoding process" is the "healing process".

### 3.2. Transference

가노라 삼각산아 다시 보자 한강수야  
 고국\_산천을 떠나고자 하라마는  
 시절이 하 분분하니 **볼동말동(boldongmaldong)** 하여라

I leave you, Mountain Samgak. See you again, Han river.  
 I would leave my homeland, but the situation is very confusing.  
 So, I cannot assure that I will **see you or not(boldongmaldong)**.

The above works are listed on page 1 of 『Gosijo Daejeon古時調大全』(2012)[9]. The compound noun of this Sijo's last sentence is "boldongmaldong". "boldong" was determined by the "semantic necessity" about longing, restlessness and parting of "maldong" on the compound noun "boldongmaldong". So "maldong" is a functor of parting on the compound noun which is semantically necessary for "boldong". Also, "boldong" is a semantic argument for the functor "maldong". This "boldong" is a semantic argument that aggregated the circuit of longing, restlessness and parting of the whole three lines of Sijo. This means that the transference of Sijo's emotions proceeds in the order of "All of Sijo → boldong → maldong → human body". Thus, the emotion of "boldongmaldong" containing the whole contents of the Sijo is transferred to the human body. After that, it acts as a barcode of mind to perform biotic restructuring of the emotions about longing, restlessness and parting of the whole work in the human body.

The "semantic space" of the functor "maldong" is not completely fixed in the compound noun "boldongmaldong" but it can be said that the emotions about longing, restlessness and parting are confirmed in the syntactic framework covering whole sentences of Sijo, three sentences. Also, it is considered that these semantic spaces are expanded and upgraded as the biological syntactic frame, which is transferred into a human mind frame and formed of synapses and ion channels. When these processes become extreme, the human body re-encodes neuro-physiologically the compensation circuit to operate the fingerprint of the mind about longing, restlessness and parting. This is the biological mechanism of Sijo literary therapy about emotions of longing, restlessness and parting.

### 3.3. Activity of Emotion-Codon

The Emotion-Codon framework on <Table 1> as "a hypothetical emotional codon framework"[8] that this researcher devise shows the emotional state in order to track emotional changes and patterns by sentences or human narratives. Let's look at the Emotion-Codon encoding of S and J that the emotional factors of "boldongmaldong" in the previous section and the emotional factors of "first sentence→SSJJ, second sentence→SSSS, last sentence→SSJS". The emotion about this compound noun is the same as the red part of <Table 1>, in which the emotion of the entire sijo transfers to the human body to encode the human body. At this time, emotion-Codon represents the emotional state of the human body.

&lt;Table 1&gt; Emotion-Codon of the Compound Noun "boldongmaldong"

Second base →	U	L	A	J	Second base ←
First base ↓ U	UUU UUL UUA UUJ	ULU ULL ULA ULJ	UAU UAL UAA UAJ	UJU UJL UJA UJJ	Third base ↓ U
L	LUU LUL LUA LUJ	LLU LLL LLA LLJ	LAU LAL LAA LAJ	LJU LJL LJA LJJ	L
A	AUU AUL AUA AUJ	ALU ALL ALA ALJ	AAU AAL AAA AAJ	AJU AJL AJA AJJ	A
J	JUU JUL JUA JUJ	JLU JLL JLA JLJ	JAU JAL JAA JAJ	JJU JJL JJA JJJ	J
These Emotion amino acids express various changes of the Emotion DNA					

In this table, compound nouns' emotional factors were activated as "UUU", "UUJ", "JUJ", "UJU". This is because 4 out of 64 total codons are activated, which means that 6% of the whole emotions in the human body is activated. In this 6%, 12 of the emotional factors were activated, and among them, there were "U×9" factors indicating sadness, so 75% of the activated emotional factors were activated as the emotions of sadness. This activation was caused by the compound noun "boldongmaldong". Whenever the seeds of these emotions become embers and they sing and recite the sijo, or whenever they think and think about the emotions of these "longing, restlessness and parting", more encoding of sadness is activated in the human body. About this sadness, the emotional factors of human narrative are repeatedly extended to the culmination of literary therapy through the repetition of catharsis. Catharsis is a phenomenon that takes place when the codons of sadness almost occupy the codon table.

#### 4. Conclusion

The human body is structured as sentence of healing. So the human body encodes the extreme emotions by compound nouns into healing biological currents. The compound nouns in this study are structured in terms of the relation between argument and functor, which is considered to maximize the function of literary therapy. The semantic arguments and functors of these compound nouns cooperate with each other, and the meanings, emotions, and signals of the entire sijo synthesize and encode into the human body.

Literary therapy is the encounter between narratives of the human body and literature, or the human body and the human body, becoming change as a compound noun. It is a process of healing.

The process is the constant encoding of the relationship between the therapeutic functor and the semantic argument, which contains sentences or human meanings and emotions. And the semantic argument of life is called by the therapeutic functor. So healing is the essence of life. It is because that semantic argument of life is in space between lines of the functor and the argument. It means that the reason for existence is in space between lines of the functor and the argument. So life is always going to go space between lines of the therapeutic functor and the argument. It is the purpose of existence. That's why the body is structured as a healing sentence.

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