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# Addition and Subtraction of Emotion Codons Igniting by Sijo

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### Abstract

This study attempts to derive the possibility of literary therapy through addition and subtraction of emotional codons. It is presumed that the remnants of the emotions formed by the addition and subtraction of emotions will remain in the human body and cause chemical reactions. When this research is activated, cluster of emotional codons will be created by a combination of literary emotions. This is expected to accelerate therapeutic action of sentences by encoding certain emotional codons in AI.

**Keywords:** Addition of emotions, neutralization of emotions, subtraction of emotions, emotion codons, Sijo, literary therapy,

### 1. Introduction

We live in an era of fusion. In many fields, convergent thinking is becoming more prevalent. Humanities also need answers to how to try fusion. So we try to converge with the keywords of humanities, computers, and emotions. This study aims to investigate how Sijo's emotions fused by the human body are fused and to amplify the effect of literary therapy that corrects or enriches human emotional errors by encoding them into AI in the future. We will use the three forms of Sijos' emotions. We will illustrate some of the emotions that are fired in the Sijo and proceed with this research to suggest the possibility of the research. In this study, the encodings of the codon tables are parts of various encodings. We hope that the outcome of this work will advance the time for enforcing the powerful influence of literary therapy on the human body. This study is based on the "studies" [1-30].

#### 2. Addition of emotion codons

Now we will know a rule of addition in the emotion codons of Sijos. The below first style of Sijo's emotions will be used first.

First style

UUUU

 $\begin{array}{c} \mathbf{U} \ \mathbf{U} \ \mathbf{U} \ \mathbf{U} \\ \mathbf{U} \ \mathbf{U} \ \mathbf{U} \ \mathbf{U} \end{array}$ 

If we encode first style's emotions, they are implanted on the emotion codon as table 1-3.

Table 1. Emotion Codon 1

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

**Table 2. Emotion Codon 2** 

Second base →	U	L	A	J	Second base ←
First base	<mark>U</mark> UU UUL UUA UUJ	ULU ULL ULA ULJ	UAU UAL UAA UAJ	UJU UJL UJA <mark>U</mark> JJ	Third base ↓ U/L/A/J

L	LUU LUL LUA LUJ	LLU LLL LLA LLJ	LAU LAL LAA LAJ	LJU LJL LJA LJJ	U/L/A/J
A	AUU AUL AUA AUJ	ALU ALL ALA ALJ	AAU AAL AAA AAJ	AJU AJL AJA AJJ	U/L/A/J
J	JUU JUL JUA J <mark>U</mark> J	JLU JLL JLA JLJ	JAU JAL JAA JAJ	JJU JJL JJA JJJ	U/L/A/J
These E	motion amino a	icids express v	arious change	s of the Emoti	on DNA

Table 3. Emotion Codon 3

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

If the additions are performed as "table 1 + table 2 + table 3", the emotion codes are implanted on the emotion codon as table 4.

Second base Second base U L  $\mathbf{J}$ A First base UUU×4 ULU Third base **UAU** UJU **UUL** ULL **UAL UJL ULA UAA UJA UUA** U U/L/A/J UUJ **ULJ UAJ** UJJ LUU LLU LAU LJU LLL LAL LUL LJL L U/L/A/J **LUA** LLA LAA **LJA** LUJ LLJ **LAJ** LJJ **AUU ALU AAU AJU AUL ALL AAL AJL** U/L/A/J A **AUA ALA AJA AAA AUJ ALJ AAJ AJJ** JUU **JLU JAU** JJU **JUL** JLL **JAL** JJL U/L/A/J J JLA **JUA JAA** JJA JUJ JLJ **JAJ** JJJ

**Table 4. Emotion Codon 4** 

Table 4 shows that the sadness codes are amplified four times. This table 4's codon system is completed by the addition rules.

These Emotion amino acids express various changes of the Emotion DNA

## 3. Neutralization of emotion codons

We will see a rule of neutralization in the emotion codons of Sijos. The below second style of Sijo's emotions will be used second.

Second style

JJUU

UJJU

UJUJ

If we encode second style's emotions, they are implanted on the emotion codon as table 5-7.

Table 5. Emotion Codon 5

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

Table 6. Emotion Codon 6

Second base →	U	L	A	J	Second base ←
First base	UUU UUL UUA UUJ	ULU ULL ULA ULJ	UAU UAL UAA UAJ	UJU UJL UJA U <mark>J</mark> J	Third base ↓ U/L/A/J
L	LUU LUL LUA LUJ	LLU LLL LLA LLJ	LAU LAL LAA LAJ	LJU LJL LJA LJJ	U/L/A/J

A	AUU AUL AUA AUJ	ALU ALL ALA ALJ	AAU AAL AAA AAJ	AJU AJL AJA AJJ	U/L/A/J
J	JUU JUL JUA J <mark>U</mark> J	JLU JLL JLA JLJ	JAU JAL JAA JAJ	JJU JJL JJA JJJ	U/L/A/J
These E	motion amino a	cids express v	arious change	s of the Emoti	on DNA

Table 7. Emotion Codon 7

Second base →	U	L	A	J	Second base ←
First base	UUU UUL UUA UUJ	ULU ULL ULA ULJ	UAU UAL UAA UAJ	U <mark>J</mark> U UJL UJA UJJ	Third base ↓ U/L/A/J
L	LUU LUL LUA LUJ	LLU LLL LLA LLJ	LAU LAL LAA LAJ	LJU LJL LJA LJJ	U/L/A/J
A	AUU AUL AUA AUJ	ALU ALL ALA ALJ	AAU AAL AAA AAJ	AJU AJL AJA AJJ	U/L/A/J
J	JUU JUL JUA J <mark>U</mark> J	JLU JLL JLA JLJ	JAU JAL JAA JAJ	JJU JJL JJA J <mark>J</mark> J	U/L/A/J
These E	motion amino a	icids express v	arious change	s of the Emoti	on DNA

If the additions are performed as "table 5 + table 6 + table 7", the emotion codes are implanted on the emotion codon as table 8.

Table 8. Emotion Codon 8

Second base →	U	L	A	J	Second base ←
First base	UUU×2 UUL UUA UUJ	ULU ULL ULA ULJ	UAU UAL UAA UAJ	UJU UJL UJA UJJ	Third base ↓ <b>U/L/A/J</b>
L	LUU LUL LUA LUJ	LLU LLL LLA LLJ	LAU LAL LAA LAJ	LJU LJL LJA LJJ	U/L/A/J
A	AUU AUL AUA AUJ	ALU ALL ALA ALJ	AAU AAL AAA AAJ	AJU AJL AJA AJJ	U/L/A/J
J	JUU JUL JUA JUJ	JLU JLL JLA JLJ	JAU JAL JAA JAJ	JJU JJL JJA JJJ×2	U/L/A/J
These E	motion amino a	icids express v	arious change	s of the Emoti	on DNA

Table 8 shows that the codes are amplified that the sadness codes and the joy codes second times. This table 8's codon system is completed by the emotion's neutralization rules.

## 4. Subtraction of emotion codons

Now we will know a rule of subtraction in the emotion codons of Sijos. The below third style of Sijo's emotions will be used third.

Third style

UUJU

U U U U

UJUU

If we encode third style's emotions, they are implanted on the emotion codon as table 9-11.

Table 9. Emotion Codon 9

Second base →	U	L	A	J	Second base ←
First base ↓ <b>U</b>	UUU UUL UUA UUJ	ULU ULL ULA ULJ	UAU UAL UAA UAJ	U <mark>JU</mark> UJL UJA UJJ	Third base ↓ <b>U/L/A/J</b>
L	LUU LUL LUA LUJ	LLU LLL LLA LLJ	LAU LAL LAA LAJ	LJU LJL LJA LJJ	U/L/A/J
A	AUU AUL AUA AUJ	ALU ALL ALA ALJ	AAU AAL AAA AAJ	AJU AJL AJA AJJ	U/L/A/J
J	JUU JUL JUA JUJ	JLU JLL JLA JLJ	JAU JAL JAA JAJ	JJU JJL JJA JJJ	U/L/A/J
These E	motion amino a	icids express v	arious change	s of the Emoti	on DNA

Table 10. Emotion Codon 10

Second base →	U	L	A	J	Second base ←
First base	UUU UUL UUA UUJ	ULU ULL ULA ULJ	UAU UAL UAA UAJ	UJU UJL UJA UJJ	Third base ↓ U/L/A/J
L	LUU LUL LUA LUJ	LLU LLL LLA LLJ	LAU LAL LAA LAJ	LJU LJL LJA LJJ	U/L/A/J

A	AUU AUL AUA AUJ	ALU ALL ALA ALJ	AAU AAL AAA AAJ	AJU AJL AJA AJJ	U/L/A/J			
J	JUU JUL JUA JUJ	JLU JLL JLA JLJ	JAU JAL JAA JAJ	JJU JJL JJA JJJ	U/L/A/J			
These E	These Emotion amino acids express various changes of the Emotion DNA							

Table 11. Emotion Codon 11

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

If the additions are performed as "table 9 + table 10 + table 11", the emotion codes are implanted on the emotion codon as table 12.

Second base Second base U J L A UUU×2 Third base First base ULU **UAU** UJU ULL **UJL UUL UAL** UUA ULA UAA **UJA** Ū U/L/A/J **UUJ ULJ UAJ** UJJ LUU LLU LAU LJU LLL LUL LAL LJL L U/L/A/J LLA LAA LUA LJA LUJ LLJ LAJ LJJ **AUU ALU** AAU **AJU** AUL ALL AAL **AJL** A U/L/A/J **AUA ALA AAA AJA AUJ ALJ** AAJ AJJ JUU **JAU JLU** JJU JUL **JLL** JAL JJL J U/L/A/J **JUA JLA** JAA JJA JUJ JLJ **JAJ** JJJ These Emotion amino acids express various changes of the Emotion DNA

Table 12. Emotion Codon 12

Table 12 shows that there are remaining 10 codes of sadness cluster. Two codes of sadness cluster escaped by two codes of joys. In other words, two codes of sadness cluster neutralized by two codes of joys. This table 12's codon system is completed by the subtraction rules.

## 5. Conclusion

As we have seen, emotions are often dropped or added within our bodies. At this very moment, new emotions are established. As a result of this new feeling, the human health system is getting worse or better. So the transfer of good emotions, the addition of good emotions, will rejuvenate our bodies. And the addition of sad emotions drives us to a system of sorrows, causing depressed feelings. Therefore, if we are surrounded by feelings of sadness, when the emotions of pleasure are uttered, we can extract the emotions of sadness and fill the place with emotions of pleasure. These methods can be useful for literary therapy. So the rules of addition and subtraction of emotions will help us to regulate more flexible emotions. In particular, this study will provide useful information on how to arrange emotions when creating literary works, and how to select works of emotions when choosing literary works.

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