Soul Process

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Abstract— In this paper the concept Soul Process, Real Part of Heaven, Real Part of Hell are introduced with some examples. Algorithm to nourish soul and application areas of Soul Process are also introduced.

Index Terms— Soul Space, Soul Process, Positive Soul object, Negative soul object, Virtue Space, Vice Space, Virtue Process, Vice Process, Real Part of Heaven ,Real part of Hell, Blessed , Cursed, Algorithm to Noursih Soul.
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1 INTRODUCTION

FRom the behavior of a humanbeing at various time, the soul objects can be identified by a judgment set of other humanbeings. In this paper the list of all soul objects under consideration by a finite judgment set is named as Soul space X. A Soul space consists of only soul objects[1]. The Soul status[1] of a soul space at various time under any judgment set is known as Soul process. It is denoted by X(t) and is defined as $X(t) = \{ X(t_1), X(t_2),….., X(t_n)\}$.

Positive Soul Object: It is an abstract noun, verb, statement or sentence which represents a human quality that is considered as a virtue by the judgment set of humanbeings.

Negative Soul Object: It is an abstract noun, verb, statement or sentence which represents a human quality that is considered as a vice by the judgment set of humanbeings.

Virtue Space: If a soul space consists of only positive soul objects, then that space is known as a virtue space. It is denoted by X^+

Vice Space: If a soul space consists of only negative soul objects, then that space is known as a vice space. It is denoted by X^-

Virtue Process: A soul process based on a virtue space is known as virtue process.

Vice Process: A soul process based on a vice space is known as vice process.

R(α –Heaven) : In a virtue process, if the average of each soul object at various times is greater than or equal to the real number α in [0, 1] , under standard measure levels , then the Soul status of the humanbeing shows that he belongs to real part of α –Heaven, denoted by R(α –Heaven) otherwise he does not belong to R(α –Heaven).

R(β –Hell) : In a vice process, if the average of each soul object at various times is greater than or equal to the real number β in [0, 1] ,under standard measure levels , then the Soul status of the humanbeing shows that he belongs to R(β–Hell),otherwise he does not belong to R(β –Hell).

R(Heaven) :A humanbeing belongs to R(Heaven) if he belongs to R(α –Heaven) and does not belong to R(β –Hell) for α →1 and β →0.
Unless or otherwise specified, α=0.6 and β = 0.1 is considered as the boundary to get membership in R(Heaven).

R(Hell) :A humanbeing belongs to R(Hell) if he belongs to R(β –Hell) for β →1 based on some judgment set.
Unless or otherwise specified,β=0.6 is considered as the boundary to get membership in R(Hell).

Criminal: A member of R(β –Hell) for β >0.6 is known as a **Criminal**

Blessed: A humanbeing is called blessed if he always belongs to R(Heaven) with respect to any judgment.

Cursed: A humanbeing is called cursed if he always belongs to R(Hell) with respect to any judgment.

Example 1: In the example 3 of [1], Mr. Sourier Sebastian and Mr. Edwin Tomson were considered in the awarding procedure of Best Teacher. But some judgment set had following opinions
(i)Producing 100% result among Post Graduate students is very easy task.
(ii)They are teaching only pure theory and never inform its practical usage and so students fed up with the subject.
(ii)If any student asks practical usage of theories, they will attribute madness on the student and

will use their own doctor to pove it.Using negative mental strokes they provoke the student,etc. Based on all opinions, the elements in vice space of Mr.Sourier Sebastian and Mr.Edwin Tomson were listed by various judgment sets. Check whether they are in R(Heaven) or R(Hell).
The Vice space according to judgment set is
X⁻ = { Offering false promise and negative mental strokes, Provoking student by using bad words, Attributing madness on the student and using unqualified doctor to treat the student } ={ x, y, z}
During the month April, May, June, July and August of the year 2005,a student visited them on and off to experience the soul objects and other judgment set members measured the average soul status of vice space of both for 5 months (21 weeks) using equation of judgment[1]. Let the collected data gives the following Vice Processes.

Vice Process of Mr. Sourier Sebastian

X⁻	April	May	June	July	August
x	0.2	0.5	0.7	0.9	0.9
y	0.1	0.6	0.8	0.7	0.9
z	0.8	0.6	0.8	0.8	0.9

Vice Process of Mr. Edwin Tomson

X⁻	April	May	June	July	August
x	0.4	0.6	0.7	0.8	0.9
y	0.5	0.6	0.7	0.8	0.9
z	0.4	0.9	0.8	0.9	0.9

From the above table it is clear that the average of each negative soul object at various times is greater than 0.6. Hence based on 5 months data-both the Faculty members Mr. Sourier Sebastian and Mr. Edwin Tomson are in R(Hell).

Example 2: In the example 1 of [1], Fr. Paul knew his soul status. Then he realized that he has to improve his status and tried to generate better status by engaging in many activities helpful for the society. Then the people of that diocese were of different opinions
(i) His activities are very beneficial to the society.
(ii)He is friendlier with ladies which is not good.
(ii)He shows partiality to rich and poor people.
(iii) He accuses the people in the diocese.
Based on above arguments the vice space and virtue space of Fr. Paul were listed by some judgment set. Check whether Fr.Paul is in R(Heaven) or R (Hell).
The Vice space according to judgment set is
X⁻ = {Partiality to rich and poor, Showing friendlier with ladies, Accusing the people in the diocese} = {x, y, z}

At time T1, T2, T3, T4 and T5 Fr. Paul took the soul status from the people of the diocese. The collected data gives the following Vice and virtue Processes

Vice Process of Fr. Paul

X⁻	T1	T2	T3	T4	T5
x	0.1	0	0.1	0.2	0
y	0.1	0.1	0	0	0
z	0.1	0.1	0.1	0.1	0

Let X⁺ = {u, v, w}

Virtue Process of Fr. Paul

X⁺	T1	T2	T3	T4	T5
u	0.4	0.6	0.7	0.8	0.9
v	0.5	0.6	0.7	0.8	0.9
w	0.4	0.9	0.8	0.9	0.9

From the above table it is clear that the average of each negative soul object at various times is less than 0.1, and that of positive soul objects is greater than 0.6. So it can be concluded that the soul status of Fr.Paul shows that he is in R(Heaven).

Example 3: A virtue process of a business man Mr.George is given in the following table. Check whether he is in R(Hell) or R(Heaven)

X⁺	Week1	Week2	Week3	Week4
x	0.2	0.5	0.7	0.6
y	0.7	0.6	0.8	0.9
z	0.5	0.6	0.8	0.9

The average of soul object x =0 .5
The average of soul object y =0 .75
The average of soul object z =0 .70
Here the average of soul object x is below 0.6.
So he is not in R(Heaven).
From the given data, we cannot predict whether Mr.George belongs to R(Hell).

Algorithm to Nourish Soul
Step 1: Prepare a list of soul objects of you. Select a sample of your neighborhood of relations as judgment set.

Step 2: Classify the list in step 1 in to two spaces Virtue Space and Vice Space

Step 3: Select the proper measure order to get meaningful result and α = 0.6, β=0.1

Step 4: Use email/whatsapp/letter/etc communication to collect feedback and use the equation of judgment [1] to find the Soul status of Virtue Space and Vice Space at time T.

Step 5: Check whether the soul process shows that you are in (i) R(β–Hell),(ii)not in R(β –Hell) , (iii)R(α –Heaven) or (iv) not in R(α –Heaven).

Step 6: If you are in R(α –Heaven) and not in R(β –Hell) , α = α + 0.1, β= β - 0.01

Step 7: Improve your positive soul objects, control and reduce your negative soul objects.

Step 8: If α > 1 and β < 0 go to step 10.

Step 9: T= T+ (n days), n €N. Allow change in sample of neighborhood of relations.Go to step 4.

Step 10: Stop

Some Properties of Algorithm to Nourish Soul

1. It helps a person to know his soul status.

2. Usual practice of this algorithm moulds the character and behavior of a person.

3. The sample of neighborhood of relations must contain representatives in every type of relations to get more accurate judgment.

4. Minimum 16 positive and 16 negative soul objects and 21 continuous weeks are expected to get more accurate prediction.

Example 4: Mr.Alexander took the feed back on some of his soul objects at two continuous weeks from a group of 10 humanbeings of his neighbourhood which is given in the following table.
(i) Does he belong to real part of heaven?
(ii) Check whether the Soul of Mr.Alexander is nourished or not?
In the table, H indicates High level, M-Medium level,L- Low level and NM-No Mention.

X	First week				Second week			
	H	M	L	NM	H	M	L	NM
Sincere	7	2	1	0	8	1	1	0
Patience	6	2	2	0	7	2	1	0
Helping	5	3	2	0	6	4	0	0
Cruel	0	0	1	9	0	0	0	10
Cheat	0	0	2	8	0	0	1	9
Hating	0	0	2	8	0	0	1	9

Assigning weights 3, 2, 1 and 0 respectively to H, M, L and NM levels, and classifying virtue space and vice space, we get the following soul status.

Soul status on First week		Soul Status on Second week
Sincere	0.87	0.90
Patience	0.80	0.87
Helping	0.77	0.87
Cruel	0.53	0.56
Cheat	0.56	0.53
Hating	0.47	0.60

Virtue Process of Mr. Alexander

X^+	Week 1	Week 2	Average
Sincere	0.87	0.90	0.89
Patience	0.80	0.87	0.84
Helping	0.77	0.87	0.82

Vice Process of Mr. Alexander

X^-	Week 1	Week 2	Average
Cruel	0.034	0	0.017
Cheat	0.067	0.034	0.05
Hating	0.067	0.034	0.05

From the virtue process and vice process, it is obvious that Mr. Alexander is in R(Heaven). To check whether the Soul of Mr.Alexander is nourished or not, we need atleast 21 continuous weeks' data and minimum 16 positive and negative soul objects in X. The given data is not sufficient to predict whether the Soul of Mr. Alexander is nourished or not.

AREAS OF APPLICATION

- The Soul process has appliction in selection procedure of personal staff for VIPs, Selection procedure of Life partner, Friends; etc.
- Soul process has wide application in Law, Criminology, Psychology and Theology.

CONCLUSION

In this paper Soul process,R(Heaven),R(Hell) and Algorithm to nourish soul are introduced with some examples.The Theological aspects Imaginary part of Heaven denoted by Im(Heaven), Imaginary part of Hell denoted by Im(Hell) and its relation with R(Heaven) and R(Hell) are not discussed in this paper.

REFERENCE

[1] An Introduction to Soul Sets, Vol 7, Issue 11, Nov 2016, IJSER, ISSN 2229-5518.