LUPINE PUBLISHERS

Current Trends on Biostatistics & Biometrics

DOI: 10.32474/CTBB.2020.03.000157

ISSN: 2644-1381

Review article

Language Generation

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Received: August 14, 2020 **Published:** August 26, 2020

Abstract

In this paper we consider why the feeble minded may have difficulty with speech. Speech is an indicator of mental functioning. So is sight. However, the feeble minded seem to have no problem with sight but they do with hearing. It is important because these speech deficiencies provide a window into the functioning of the human mind and consciousness.

Keywords: Language; reaction Time; senses; soul energy; mind; consciousness

Introduction

I have been [provided the opportunity to observe those who are mentally challenged. They range from severe Autism, to Downs Syndrome, Retardation to brain damaged patients. Out of 8 patients, only 1 did not exhibit language difficulties, meaning that they had difficulty understanding the spoken word or being understood. In this paper, I want to attempt to put language difficulties on a numerical scale. I will consider language from the point of view of the philosophy of communication. We have previously seen that the senses, sight, hearing, taste, touch, and smell are vector that when added come to 1. Because we are considering only the hearing portion of the senses, we will use the previously determined value for hearing sounds. It is: Mind =π Consciousness has been determined to yield Euler's Identity.

$$\text{So: } \sin^2 t + \cos^2 t = 1$$

$$\sin^2 \pi + \cos^2 \pi = 1$$

$$0^2 + (-1)^2 = 1$$

1=1 true! Therefore, consciousness equals the senses. Σ Senses=117.4=Mass of the periodic table of the elements. Π Senses=2.67 SF The input and output of the mind

$$= 1 / c^2 = M$$

$$PE = Mc^2$$

$$2.67 \alpha 1 / c^2 = 3.14 = \pi = \text{HearingÞLanguage}$$

$$F = Ma$$

$$2.67 = 117.4a$$

$$a = 2.27 = 1 / 44$$

$$\Delta E = 1 / Ö3 - 1.174 = 0.5966 \sim 6$$

$$\Delta E = 1 / \Delta t$$

$$= 1 / 6 = 60° / 360°$$

The mind and the soul meet at 1. The equation of the soul is

$$SE = t^2 - t - 1 = 1$$

$$t = 2; -1$$

t=-1 is memory (going back in time.) It is physically impossible to go back in time.

t=2 equals the Inductance of the Mental Inductor. L=2 Input into the mind goes through the sense. The brain takes in stimulus and responses, if cognisant to the signal to the level of consciousness, and then producing an effect in the imagination or the intellect or memory. Graphically, we have therefore: Univ.

$$\text{SignalÞSenseÞnIntellect (Mind)} = \sin^2\theta + \cos^2\theta = 1); \text{Memory } t = -1;$$

$$\text{Imagination } (t^2 - t - 1 = -2\text{nÞEmotion Cycles} = (\sin^2\theta + \cos^2\theta = 1\text{nÞFree Will f}(x) = -2\text{ÞSoul } (t^2 - t - 1 = -1)$$

$$1 / Ö3Þ2.67Þ(1)(-1)(-2)(1)Þ - 2Þ - 1$$

$$1 / Ö3 \times 1 \times 2 \times -2 \times -1$$

$$= -23.09$$

$$= \text{Ln Pi}$$

Impedance of an R-L-C circuit:

$$X_L - X_c = 2 - 1/\pi = 1.363$$
$$R = 0.4233$$
$$1.363^2 + 0.4233^2 = Im^2$$
$$Im = \sqrt{2}.03$$
$$\theta = 17.8°$$

Im = $\sqrt{2}$ / $\sqrt{2}$.03 = 1.009 = Resistance of the senses Hearing = Z=1.00⇒ Introspective = Hearing

$$\sin^2\theta + \cos^2\theta = 1 = Z$$
$$\sin^2\pi + \cos^2\pi = 0 + 1 = 1$$
$$1 = \sin^2 45° + \cos^2 45° = (1/Ö2)^2 + (1/Ö2)^2 = 1$$
$$x^2 + y^2 = R$$
$$x = y$$
$$2x^2 = 1$$
$$x = 1/Ö2$$
$$t^2 - t - 1 = 0$$
$$t = 2; -1$$

Hearing = π
$\sin^2\theta = 1$
$\theta = \pi/2$
$\cos^2\theta = 0$
$\theta = \pi/2$
$Ln\, t = Ln\, 1 = 0 = 1/x = 1/t = 1/1 = 1$
$\sin^2\theta + \cos^2\theta = 1$

$1^2 + 0^2 = 1$ = Consciousness
$Ln\, t = 1/x$
$y = y'$
$tLn\, t = 1$
$t = 1$
$E = 1/t = 1/1 = 1$
$y = mx + b$
$E = m(1) + b$
$E = -1 + b$
$E = 1 - b$
$ÄE = 0$
$b = 1 = e^0 = e^t$

$freq = 1/\pi$
$Freq = 1/(2.67 \times 1/c^2)$
$freq = 1/297 = \sim 1/c$
$1/x = 1/c = Ln\, t$
$y = y'$

This means that the actual temporal properties of a signal -their onset times, their velocity in the system and hence their arrival times- must be controlled until such a discrimination is made. Otherwise, the information on which the discrimination must be based will be lost or obscured. [1] Individuals with language difficulties must therefore have a problem with there internal clock mechanism. It is true that hey do not have a sense of time either. It's the same with Alzheimer's patients. Universal Parametric Equation

$$\sin(t) + 1/3\cos(17t + \pi/3).\sin(17t + \pi/3)$$

Let t = 1

[csc 60°, c] [115.47, 3] 1/115.47=0.866=sin 60 degrees

$$1/c = 1/3$$
$$Ósenses = 117.4$$
$$Ð\,senses = 2.67$$
$$F = Ma$$
$$2.67 = 117.4a$$
$$a = 227.4$$
$$d = v_i t + 1/2at^2$$
$$= 1/2(227.4)(1)^2$$
$$= 113.71$$
$$v = d/t = 113.71/50\,msec = 274.4 = a$$

50 msec is the intermittence time between consciousness experiences.

$$E = F \cdot d \cdot t$$
$$= 2.67(113.71)(1)$$
$$= 303.6$$

$$1/E = t = 32937 \sim 1/3 = 1/c$$

$\sin(t) + 1/3\cos(17t + \pi/3).\sin(17t + \pi/3)$
$t = 1 = KE = 1/2Mv^2$
$1 = 1/2M(1/2)$
$M = 4$
$M = Ln\, t = 4$
$t = 54.598$
$\sin(54.6) + 1/3\cos(17(54.6) + \pi/3); \sin(17(54.6) + \pi/3)$

$$1/2\chi = 1/3$$
$$\chi = 2/3 = G$$
$$114.82\chi = 0.866$$
$$\chi = 754 = 1/1325$$

cf

$$\Sigma \text{Senses} \cdot 1 / c^2 = 117.4 / c^2 = 1323 = 1 / \chi$$
$$M / c^2 = E = 1323$$
$$t = 1 / E = 1 / 1325$$
$$t = 1 / 1325 = 754$$
$$E = \left[1 + \text{Ln}\, t\right]^7$$
$$= \left[1 + \text{Ln}\, 754\right]^7$$
$$= 1.500$$
$$= 1 / G$$

$$d^2E / dt^2 - G = 0$$
$$\grave{o}\grave{o} d^2E^2 / dt^2 = \grave{o}\grave{o} G$$
$$E = G^3 / 3$$
$$1 / G = G^3 / 3$$
$$G4 = 3$$
$$G = 1.316$$

Internal Clock

Computers use an internal clock to synchronize all of their calculations. The clock ensures that the various circuits inside a computer work together at the same time. $\text{Soul} = t^2 - t - 1 = 0$ Figure 1 For a sound to reach consciousness, SE=SE'

$$t^2 - t - 1 = 2t - 1$$
$$t = 0,3$$
$$E = 0,5$$
$$v = d / t = 221 / 3 = 6.991 = 7$$

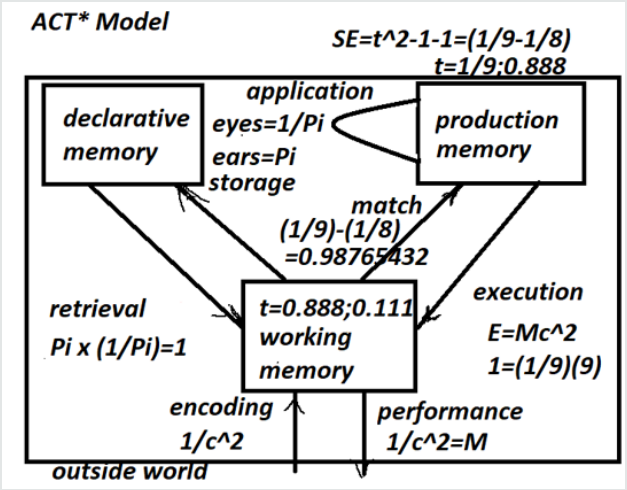

Figure 1.

There are 7 stages that the Universal Signal (sound) must pass to reach consciousness.

Signal ÞSenseÞ < Intellect (Mind) = $\sin^2\theta + \cos^2\theta = 1$); Memory t = -1; Imagination ($t^2 - t - 1 = -2 >$ Þ Emotion Cycles = ($\sin^2\theta + \cos^2\theta = 1 >$ Þ Free Will $f(x) = -2$ÞSoul $(t^2 - t - 1 = -1)$

Univ.The universal Signal does not always reach the level of consciousness in some individuals; those considered here, so they are not fully conscious. Some signals get through and result in speech acts.

$$f(x) = 1 / \sigma \ddot{O} 2\pi) e^{-t\mu}\, £1$$
$$1 / \sigma \cdot 1 / 2\pi £1 - e^{-t}$$
$$1 / \sigma \cdot 0.1591 £1 - e^{-1}$$
$$1 / \sigma £3973$$
$$1 / 0.3973 £\sigma$$
$$\sigma = 251.7 = \text{Period T}$$

$1 / 251.7 \times 1 / 8 = 496 \sim 5 = E$ This is them minimum energy level for a signal to reach consciousness. Reaction time

$$251.7 \times 8 = 201.3 \sim 200\, \text{msec}$$

$E = 1 / t = 1 / .200 = 5$
Psychic Energy = $SE = t^2 - t - 1^35$
t^33
$v = d / t$
$3 = d / 3$
$d = 1$
$343\, m / sec = d / 3$
$d = 1.029$
$d / 2^8 = 0.402$ = Reynold's number. The resistance to flow is overcome

$$RE = IF / VF$$
$$= Ma / \left[1 / 2Mv^2\right]$$
$$= 2v$$
$$= 2\left(1 / \ddot{O}2\right) = \sqrt{2}$$
$$5 / 0.402 = 1.244 = 1 / 0.8036 \sim 1 / 8 = \text{Emin}$$

Emin=1.25 implies the golden mean parabola is at work.

$$Re = IF / VF$$
$$= Ma / \left(1 / 2\rho v^2\right)$$
$$401.8 = 8M / \pi$$
$$M = 1578$$
$$= Lnt = 1578$$
$$t = 3.157 \sim 1 / 0.316 £1 / \pi = \text{freq of the human mind}$$

So, the frequency of the mind of those with defective language must be sub optimal to detect incoming signals. Or the reaction time is greater than t=200 msec (Figures 2-4).

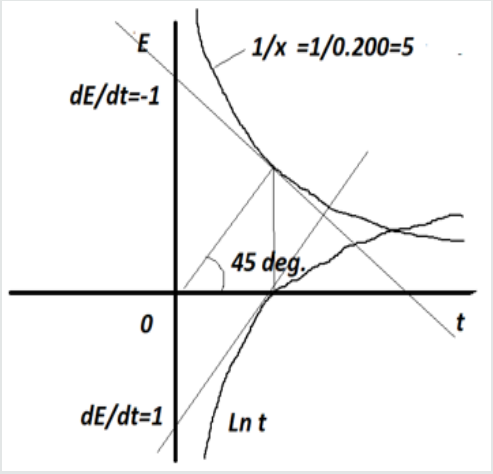

Figure 2: Plot of Mass and Inverse of the Energy=time.

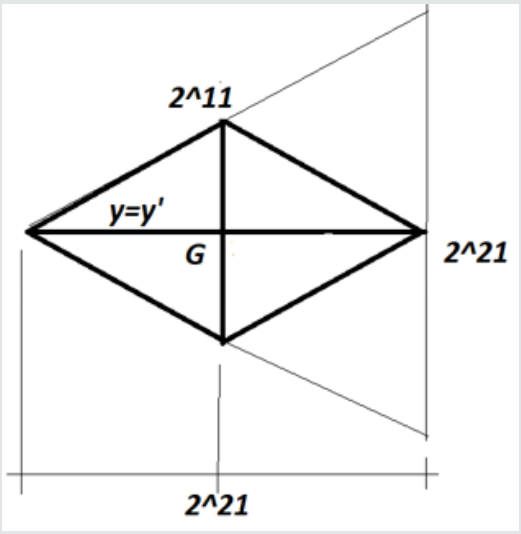

Figure 3.

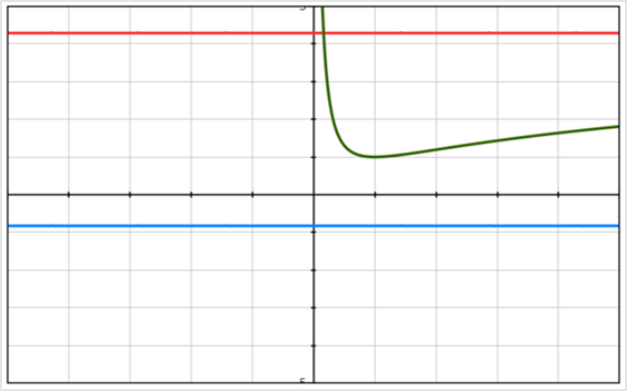

Figure 4: Plot of Ln t-1/t Minimum at t=E=1 Blue=sight; Red=Hearing; Green =Sight +hearingHearing requires more psychic energy that sight.

Ln t = M = PE = 5

$PE = Mc^2$

$5 = M(3^2)$

= 0.555

Ln t = E = 5 / 0.555 = 9 = c^2

$M = c^2$

$E = Mc^2$

= c4 = 81

1 / 81 = 0.012345679 when Ln t = 1 / t or when y = y' y = 2

1 / 81 + 1 / 9 = 1

1 / c4 + 1 / c2 = 1

$[1 + c^2] / c4 = 1$

$1 - c^2 = c4$

$1 / c^2 - 1 = 1 / c^2$

M - 1 = 1 / 9 = 0.11111

M = Ln t

Ln t - 1 = 0.1111

Ln t = 0.8888

t = 243

$2.43^2 - 2.43 - 1 = 247 \sim = 1 / Re = 1 / t = 0.402$

The subjects of this study exhibit varying degrees of vocabulary. We can assume that the number of words they understand follow the inverse of the t graph. (ie 1/t)

Ln t = 1 / t

y = y' Þ y = 2

$SE \geq 2^2 - 2 - 1 = 1$

t ≥ 2 for consciousness to occur.

Sight

$(1 / \pi)^2 - (1 / \pi) - 1 = 1216985 = 150.2 = 1 / G$

$t^2 - t - 1 = G / c4 = SE$

G / c4 = 1 / π

πG = c4

209 = 81

$(258)^2 = (1 / 387)^2 = 1.500 = 1 / G = \text{Mass Gap}$

Hearing

$ð^2 - ^2 - 1 = 57.29 = 1 \text{ rad}$

$2^{21} / 2 + t£2$

t = 104.6

v = d / t

3 = d / 104.6

d = 3138 ~ π which is hearing.

Sound

v = d = π

dE / dt ≤ 1 = t

v = dE / dt ≤ t

-1 ≤ t

$$t \leq 1$$

$$v = d / t$$

$$v = \pi / 1$$

$$= \pi = d$$

Sight M=Ln t

$$t \leq 1 \text{ ÞMass} \leq 0$$

$$t \leq 1 \text{ Mass} \leq 1$$

$$\left(1 - v_s / v_L\right) = 1 - 343 / 2.9979$$

$$= 1.144$$

$$\left(0.144\right)^7 = 0$$

$$G^3 / 3 = 114.4$$

$$114.4 \text{ x } 3 = 343 = v_s$$

G=6.999~7. In those language impaired, the signal of sound is not getting to the level of consciousness.

Hearing requires more psychic energy that sight.

Conclusion

Feeble minded subjects do not have full consciousness which is exhibited by their speech. They seem to have no trouble with sight. The feeble minded have a problem with their internal clock that gates when signals arrive at a location in the brain.

References

1. Dennett DC (1991) Consciousness Explained. Back Bay Books pp:511.

DOI: 10.32474/CTBB.2020.03.000157