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Mini Review

The Brain, Quantum Mechanics, and How Light Converts into Serotonin

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Introduction

While doing research on electrodynamics, I was able to deter mine that light results when the universe is squeezed. The physics extends to the production of serotonin in the human eye as is shown below:

Serotonin C₆H₁₂N₂O =1762 x 6.022=10610

 $t=eM=e^{0.10610}=1.11193=1/2.998^{2}=1/c^{2}=M$

t=M

KE=PE Conservation of energy t=3

t2-t-1=2t-1

y=y'

Baryon = Σ -=1/3=1/t=E=1/M=c²

V=iR

1/c^2=35R

R=31788~1/Pi freq of human mind.

A Baryon is an elementary particle. It is actually the negative sigma particle that is where light gets it power. The function of the human mind is the Golden Mean Parabola (GMP).

t^2-t-1=E This is the probabilistic wave function (ie Quantum Mechanics). Freq=t=Pi E=1/t=1/Pi (Pi)^2-Pi-10=57.29 degrees=1 radian= E=1+Positive sigma=1-M M=1.118943 E=1-t 1/t=1-t

1=t-t^2

 $t^2-t-1=0$ function of the human mind.



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 $\Sigma^0=7.4 \pm 0.7 \text{ x } 10^{-20}=\text{t}$ =half life 1/7.4=1351=Mass of human brain t²-t-1=Ln t Derivative 2t-1=1/t t²-t/2=1/2=0 Copy rights @ Paul T E Cusack,

t=1.25; -0.25
t=E; t=Et
tE=Et
t (1.25) =-0.25

t=-0.2

M=Ln t=: Ln (-0.2) =0.618 Ln 0.2-0.9946 \approx -1=E @t=0 \Rightarrow GMP & Et=-0.25 This is when consciousness begins.

a v a	B & G SYS O	S R Z
Color	Frequency	Wavelength
violet	668–789 THz	380–450 nm
blue	606–668 THz	450–495 nm
green	526–606 THz	495–570 nm
yellow	508–526 THz	570–590 nm
orange	484–508 THz	590–620 nm
red	400–484 THz	620–750 nm

Blue Light=Blue Sky $606-668=1062\sim1.601=$ serotonin $E=\hbar\nu=\hbar t=\hbar freq=6.625(1062)=7.03$ EM=7.03(4)=281 $E^2=281$ $E=\sqrt{2}81=35.5$ Amps

Violet Blue ringed by Cyan-Green light

700-580=12.011 Carbon

 $E=\hbar\nu=6.626(120.11)=7958=1/125.66=1/E=1/(4\pi)$

t=4π



32(3) +99.994=224 x 6.022=1350=M of the human brain



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R-0.4233	$V^+=iR$ = (35 mA) (-1.25) =44.05=1/2.26 $E=\hbar\nu$	
$C = 1/\pi = 0.318$		
I -2		
Rept-0 4233+0 318-21 25-F	1/2.26=6.626t	
$R_{00al} = 0.7255 + 0.516 - 2 - 1.25 - 125$	t=2.265-1/V ⁺ =1/E=t	

References

1. Schwartz, M. (1971). Principles of Electrodynamics. NY: dover.



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