

Genesis and The Big Bang

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[The Relativistic Unit Circle](#)

[Vectors and Goldbach's Theorem](#)

(Note: the following analysis is rumored to be a qualifying course for the Physics Department at Bob Jones University, under the assumption that God is a Man and therefore came first). It is obviously questionable, since God can be a Man, a Woman, a Hermaphrodite or Equal Unto Himself (and there are several other alternatives as well.)

In addition, some claim that the roles of Man and Women are exchanged in the analysis that follows.

In The Beginning God Created Man and Women

Definition of terms:

1. $c \triangleq$ "Men" (Created by God)
2. $\tau \triangleq$ "Pure Thought"; a possible property of Men's existence
3. $v \triangleq$ "Woman" (Created by Satan)
4. $\tau' \triangleq$ "Impure Thought"; a possible property of Women's existence

The complete set of Men and Women will be characterized as elements.

Relation of existing elements to possible properties:

1. $(c\tau) \triangleq$ "Men thinking Pure Thoughts"
2. $(v\tau') \triangleq$ "Women thinking Impure Thoughts"

Note: "Pure thought thinking about pure thought" (Bertrand Russell w.r.t. Hegellian Monads) is undefined, since an element is not a property and vice versa.

Consciousness

1. $(c\tau)^2 \triangleq$ "Men concious that they are thinking Pure Thoughts"
2. $(v\tau')^2 \triangleq$ "Women concious that they are thinking Impure Thoughts"

Non-Interacting Men and Women (Odd Big Bang)

If Men and Women are not interacting they can be represented in a Matrix, where

$$|I| \triangleq \begin{vmatrix} (c\tau) & 0 \\ 0 & (v\tau') \end{vmatrix} \Leftrightarrow |I|^2 \triangleq \begin{vmatrix} (c\tau) & 0 \\ 0 & (v\tau') \end{vmatrix}^2 = \begin{vmatrix} (c\tau)^2 & 0 \\ 0 & (v\tau')^2 \end{vmatrix}$$

Interacting Men and Women (Even Big Bang)

1. $(c\tau') = (c\tau) + (v\tau')$ The (complete set) of Men Thinking Impure Thoughts.
2. $(c\tau')^2 = [(c\tau) + (v\tau')]^2 = (c\tau)^2 + (v\tau')^2 + 2(c\tau)(v\tau')$ The complete set of Men concious of Thinking Impure Thoughts.

Note that $(c\tau')^2 = Tr \begin{vmatrix} (c\tau)^2 & 0 \\ 0 & (v\tau')^2 \end{vmatrix} + Det \begin{vmatrix} (c\tau) & -(v\tau') \\ (c\tau) & (v\tau') \end{vmatrix}$

The interpretation of this characterization is left as an exercise for the student.

Prime Numbers and Guilt

The set of Men thinking Impure Thoughts may be characterized as Guilt; if there is no Guilt, then $L = (c\tau)^2 + (v\tau')^2 = |2(c\tau)(v\tau')| = 2N$; $(c\tau)$ and $(v\tau')$ are then primal urges with no Guilt, and thus are characterized by prime numbers (Goldbach's Theorem).

(Note: $(c\tau) \neq (c\tau)$ Why?)

Also, note that for the even numbers

$$Tr \begin{vmatrix} (c\tau)^2 & 0 \\ 0 & (v\tau')^2 \end{vmatrix} - Det \begin{vmatrix} (c\tau) & v\tau' \\ -(c\tau) & (v\tau') \end{vmatrix}$$

The Total Big Bang

The set $L = 2N$ then is the set of even numbers $\{e\}$ so that if there is Guilt, it is characterized by the additional set of odd elements $\{o\}$, so that $(c\tau')^2 = \{o\} + \{e\}$ and everyone is characterized by Guilt (mutual or not).

The Big Bang characterized by Perpetual Guilt consists of both Odd $\{o\}$ and Even $\{e\}$ Lesser Bangs.

The Interaction

The Interaction between Men and Women is characterized by the term $h^2 = 2(c\tau)(v\tau')$ where it is clear that although $(c\tau)$ is positive definite (since Man was created first), $(v\tau') \equiv (\pm v)(\tau')$ can have both positive and negative values.

It is clear that $S = \frac{h}{\sqrt{2}}$ represents the Snake where $h^2 = 2(\pm S^2)$, and the attraction between Men and Women can be represented by plotting h^2 vs $2(\pm S^2)$ as a final state (See the Analysis of the [Relativistic Unit Circle](#) where

$$\left[1\left(\frac{c\tau}{c\tau}\right)\right] \triangleq \left|\frac{c\tau}{c\tau}\right|$$

$$\left[1\left(\frac{c\tau}{c\tau}\right)\right]^2 = \left(\frac{1}{\gamma}\right)^2 + (\beta)^2 + 2\left(\frac{\beta}{\gamma}\right), \gamma \triangleq \frac{\tau'}{\tau} < 1, \beta \triangleq \frac{\pm v}{|c|} < 1$$

And

$\frac{1}{\gamma} \triangleq \cos \theta$, $\beta \triangleq \sin \theta$ so that $h^2 = 2 \cos \theta \sin \theta$ (plotting in quadrants (1 and 4), and (2 and 3) in the Relativistic Unit Circle.

Guilt with an No Interaction

If Woman's Impure thoughts are imaginary (where $\tau' \triangleq (\sqrt{-1})\tau' \triangleq i\tau'$), then the Man can feel himself innocent by imagining his Consciousness of Guilt and his interaction with Woman as imaginary (note that τ' is then an imaginary property of Woman):

$$\psi \triangleq (c\tau') \triangleq (c\tau) + (v\tau')$$

$$\psi\psi^* \triangleq (c\tau')^2 = [(c\tau) + (v\tau')][(c\tau) - (v\tau')] = (c\tau)^2 + (v\tau')^2$$

$$\psi\psi^* \triangleq (c\tau')^2 = (c\tau)^2 + (v\tau')^2$$

(Note that this is the equation of a circle.)

The Special Theory of Relativity

The so-called "Time Dilation" can be derived by solving the equation $(c\tau')^2 = (c\tau)^2 + (v\tau')^2$ for τ' :

$$\tau' = \frac{\tau}{\sqrt{1 - \beta^2}} = \Gamma \tau, \Gamma \triangleq \frac{1}{\sqrt{1 - \beta^2}}, \beta \triangleq \frac{\pm v}{c}$$

So that $\frac{\tau'}{\tau} = \Gamma$ The philosophical consequences of this relationship are left to the student.

For $\tau' = \tau, \frac{\tau'}{\tau} = 1, v = 0$ (Proof and interpretation is left as an exercise for the student).

Cosmology

For any two single valued functions f and g the interaction of such functions is defined by

$$\varphi = f + g$$

So that

$$\varphi^2 = (f + g)^2 = f^2 + g^2 + 2fg \text{ where } \varphi^2 = f^2 \text{ only if } g = 0$$

This is a consequence of Fermat's Last Theorem where

$$f > 0, g > 0$$

$$\varphi \triangleq (f + g)$$

$$\varphi^n = (f + g)^n = f^n + g^n + \text{rem}(f, g, n)$$

$$\varphi^n = f^n + g^n \Leftrightarrow \text{rem}(f, g, n) = 0$$

$$\text{rem}(f, g, n) \triangleq 0$$

$$\therefore \varphi^n \neq f^n + g^n$$

QED

Note that $\left(\frac{c\tau}{c\tau'}\right)^2 = [1(c\tau)]^2$ and $\left(\frac{c\tau'}{c\tau}\right)^2 = 1[(c\tau')]^2$ characterizes the final and initial state of a system, where the final state is expressed in terms of trigonometric functions and the initial state in hyperbolic functions, and that $\tau^2 = (\tau')^2$ characterizes no change in the system.

The Big Bang

The Big Bang is characterized by the Interaction Term as the transition between an Initial State and a Final State, where $v = 0$ both just before the beginning and just after the end of the Interaction.

That is, after the Big Bang, God rolled over, went to sleep, and hasn't been heard from since.