Mensionization Complementation

The Mathematics of Hermetic Alchemy

Section 3

The Fundamental α, β Oppositional Binomial

1. "The Fundamental α, β Oppositional Binomial"

$$f(m_n) = (\alpha + \beta)^n$$

The use of $f(m_n)$ to represent the *function* will be defined later on in the text. The *binomial* equation, (shown above), is an expandable *exponential polynomial* that represents a *"Fundamental Equation"* for the possible interactions within Base 2 oppositional systems including especially *the Lattice Datum* system, *Hermetic Alchemy*, and the *I Ching's* structural oppositional dualities which are the primary references used in this manuscript.

The equation is in an *exponential* binomial *composite* form of $f(m_n) = (\alpha + \beta)^n$ in which *Apha* (α) and *Beta* (β) are oppositional *algebraic* type variables whose natures or qualities were *borrowed* from the *Hermetic Alchemical* philosophical definition of its *Volatile* and *Fixed* natures of an *opposition*. After which they are enclosed within parentheses and raised to some pre-determined exponent.

Oppositions such as (*good*-*evil*), (*dynamic*-*static*), (*hot*-*cold*), and the *binary* (0, 1) can all be described using *binary*-type binomial definitions. *Binary* math is used extensively in computer science and is very pronounced in the α, β system, where the term "*bit*" (*binary* digit *duality*) is either (*true* or *false*), (*active* or *inactive*) or (1 or 0) depending upon the *concept*. It is one data element or "*position*" that can contain within itself two opposing data *presences*. The *volatile* (α) and *fixed* (β) oppositions have properties, that are represented in *symbolic* bit notation form by a (α) bold line (▬) and a (β) broken line (▬ ▬). The two (2) graphic symbols are *I Ching originated* notations of a *binary* data element *bit* or *presence*.

The following excerpts are from the previously mentioned *4th Hermetic* principle of the *Achemical Kybalion,* which describes the alchemist's philosophical fundamental concept of an *opposite's* duality:

> **[*Kybalion, 4th Hermetic* Principle, (*The Principle of Polarity*)]** *"Everything is dual; everything has poles; everything has its pair of opposites; like and unlike are the same; opposites are identical in nature, but different in effect; truths are only half truths; extremes meet; all paradoxes may be reconciled.*
>
> *The great Fourth Hermetic Principle embodies the truth that all manifested things have "two sides," "two aspects," "two poles," "a pair of opposites," with manifold ranges between the two extremes. The Hermetic Alchemical Teachings are to the effect that the difference between things seemingly diametrically opposed to each other is merely a matter of degrees."*

To obtain a better understanding of *Hermetic Alchemy's* philosophical meaning of an oppositional duality, we will re-examine the *first* paragraph of the excerpts given above. Every so often, *jewels* of meaning in early documents may be obtained by paying *special* attention to text which contains only a *small* phrase or two separated by *semicolons* or *commas* in often long paragraphs from which old documents are well-known to contain.

The first paragraph above, listed separately between *semicolons*, propose that:

1 ~ *Everything is dual;*

2. ~ *Everything has poles;*

3. ~ *Everything has its pair of opposites;*

4. ~ *Like and Unlike are the same;*

5. ~ *Opposites are identical in nature, but different in effect;*

6. ~ *Truths are only half truths*

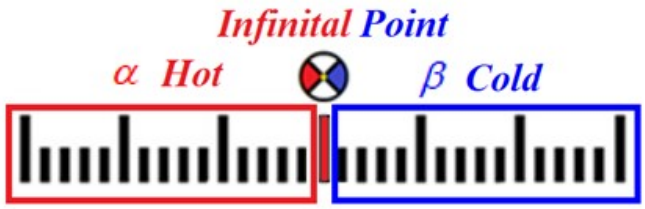
7. ~ *Extremes meet;*

8. ~ *All paradoxes may be reconciled.*

Each of the propositions *above* seems reasonably understandable until we reach numbers 4-8.

With the consistent use of the word "*everything*" in numbers 1-3, the *Kybalion* is *amplifying* the point that *"every"* presence in our universe, whether concrete or virtual (*corporeal or incorporeal*) uses an *opposition* of some form within its interactions. In numbers 4-8, these opposite dualities are predicated to be in respect *two* different *natures* of *one* and the *same* physical entity such that each different α, β presence or element of the opposite is physically identical in its nature to the other but is also different in effect. The *Hermetic* philosophers are telling us that understanding the meaning of number's 1-8; we can *reconcile* any *paradox* that may occur. That said, let's reconcile number *four* (4) which states "*like* and *unlike* are the same."

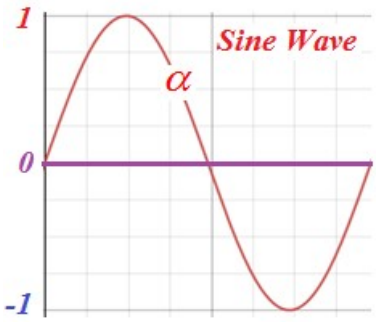
Let's begin with a 1-dimensional operation to graphically show the α, β transformation. *Hermetic Alchemy* defines the *opposite* in a 1-dimensional form. We will begin with the oppositional pair *hot*-*Cold*. Think of a *thermometer* that encompasses both *hot* and cold within a 1-dimensional structure.



In 1-dimensional *Hermetic Alchemy* an *opposite* is thought to be a line with two discrete end points that form the opposite. In the illustration above, the left side represents degrees of *warmness* (α) and the right side is degrees of *coldness* (β). The *Alchemical Kybalion* states: *"the difference between things diametrically opposed is just a matter of degrees*." Note in the graphic above, the middle point is considered an *Infinital Point*. An *Infinital Point* is the exact point the (α) changes into the (β). The *Infinital Point* will be discussed in *a* different lateral document.

As you can see from the graphics above, any 1-dimensional *opposition* can be referenced linearly by a single line graphic that contains a *beginning* variable and its *oppositional* variable. This stage is Hermetic *Alchemy's* second dimension of 2^n, which is 2^1 or $(2^1 = 2)$, an α, β opposition. The middle point in the illustrations above becomes an *Infinital Point*; it is easily calculated in 1-dimension, however, things change when we enter higher dimensions.

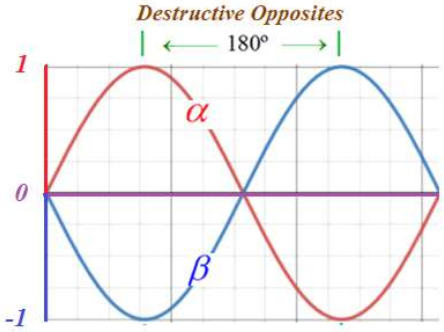
In the next example we will do a *separation* of the *variables* into their individual functions.



Beginning with a one-unit *Hermetic* volatile Alpha (α) *sine*-*wave* function as shown above, we find this (α) *sine*-*wave* may be spoken of philosophically as the *masculine active* operator of the *"Prima Materia"* or *"*Prime Substance" of the *Hermetic Alchemists*. In the *Kabbalistic* Doctrine's "*Tree* of *Life*" the (α) wave in respect may be represented by the sephirah "*Chokmah,*" the result of an emanation from "*Kether,*" the "*Crown,*" in which the *Kabbalists* and *Alchemists* believe is the "*ONE*" entity that contains all inherent data and *blueprint* to process the "*Prima Materia*;" also, in the Eastern "*Yi Jing,*" (*I Ching* or Book of Changes), it would be defined as the "*Supreme Ultimate"* or masculine, *Generative Power* of the virtual *duality* of the **"***T'ai Chi***."** The following excerpt is from *Albert Pike's* 19th century "*Morals,* and *Dogma,"* (a treatise on *Freemasonry*) from which we may also define this *sine* wave *as* the "*ONE,* "substance from which the *Hermetic Alchemists* believed all things were created.

> **[*Pike, Morals &Dogma*]-***The sage* [*Hermes*] *tells us that all things were created, and are still generated, from one substance and consist of the same elementary material; and in this first substance, the Creator of All Things has further appointed the Four Elements, which represent a common material into which to resolve all things.*

The alchemists also tell us *"everything"* exists as a α, β duality that has two *oppositional* functions associated with it. *Kabbalistically*, if we extend our definition to include *Binah,* (*Chokmah's feminine* counterpart), a third emanation of *Kether,* and add another *sine wave* β to the graph above plus *"*shift it*"* 180°, we obtain a binomial "*binary set*" of oppositions, such that the *red* wave is the original active α volatile *sine wave* and the *blue* wave is the opposing *Fixed* passive β *sine wave* shifted 180° degrees. This addition will give us *two* (2) waves that have the same holistic nature (*a sine wave*) but *opposite* and/or *inverse* in effect when shifted.



At this point, we are just displaying a visual of how, mathematically, an α, β oppositional binomial duality can possibly contain *two* functions that are the exact the same physical entity, which only by shifting the (β) fixed passive wave can have different *complementary* natures. A true 180° degree shift is a destructive *complementary opposition* compared to a 90° degree shift where we obtain a 90° *orthogonal* defined *complemented* opposition. Although the 180° opposition is known in geometry as a *supplementary* angle, it is still considered as existing in a *complementary* state because *shifting* waves create different *types* of *complementation* identified by the number of degrees the *opposing* wave is shifted. A "*true*" *oppositional complementation* is the result of the 180° *shift* in their orientation.

We won't get into the mathematics for wave functions until we discuss *harmonics* because in future texts we will be illustrating Base 2 oppositional dualities in a standard *cubic* type format for oppositional binomials that interact within 90° $\mathbb{R}^1$, $\mathbb{R}^2$, $\mathbb{R}^3$ *orthogonal complementations*.

Albert Pike also provides another *Hermetic Alchemical* example of an opposite's presences when he describes some of the *historical* philosophical properties associated with the opposition *luminosity* (*light*-*dark*), one of the more *universal* of the *philosophical* and/or *physical* oppositionals. The early philosophers used the terms *light* and *fire* synonymously when describing emanations or "*unknown*" forces such as one of the *Kabbalah's* many definitions of, *Ein Soph Aur,* "The *Infinite Light* of the unknown."

> ***[Pike, Morals & Dogma, page 659]-****The division of things into the active and the passive-inactive cause leads to that of the two Principles of Light and Darkness, connected with and corresponding with it. For Light comes from an ethereal substance that composes an active cause, and darkness from earth or the gross matter which composes a passive-inactive cause.*

> *Light was the first Divinity worshipped by man. To it, they owed the brilliant spectacle of Nature. It seemed an emanation from the Creator of all things, making known to our senses the Universe which darkness hides from our eyes, and, as it were, giving it existence. Darkness, as it were, reduces all nature again to nothingness, and almost entirely annihilates man.*
>
> *Naturally, therefore, two substances of opposite natures were imagined; to each of which the world was in turn subjected; one contributing to its felicity and the other to its misfortune. Light multiplied its enjoyments; Darkness despoiled it of them: the former was its friend, the latter its enemy. To one, all good was attributed; to the other all evil; and thus the words "Light" and "Good" became synonymous, and the words "Darkness" and "Evil."*

The *Hermetic* philosophers more often referred to the elements of an opposition in terms of its alchemical properties, the *Volatile* and the *Fixed*; the α, β *active* and *passive-inactive oppositional* presences.

Again, from *Pike*; he defines the inherent-type presences associated with all fundamental Base 2 oppositions.

> ***[Pike, Morals and Dogma, page. 778]-****Two primary laws exist in Nature, two essential laws, which produce by counterbalancing each other, the universal equilibrium of all things. These are fixedness and movement, analogous, in philosophy, to Truth and Fiction, and, in Absolute Conception, to Necessity and Liberty, which are the very essence of Deity. The Hermetic philosophers gave the name fixed to everything ponderable that tends by its natural to central repose and immobility; they termed volatile everything that more naturally and more readily obeys the law of movement.*

Pike is essentially emphasizing the point *all* manifestations operate within a duality of *two* primary

"*inherent*" presences, a *volatile* (α) and its' *opposite* a *fixed* (β); the (α) volatile is always an active, moving *Generative Presence,* which when *complemented, contracts* into a *masculine Generative Power* (G) and the virtual fixed (β) is a virtual *feminine* passive-*inactive* presence, which when *complemented expands* into a *Productive Capacity* (P), that complements in interactions with the volatile known alchemically as *"To fix the volatile."* The *volatile* and the *fixed* systematically and by *harmonic* motion interact with each other by oscillating between an *active* and its opposing *passive* condition in turn. *Hot* eventually goes to *cold* then back to *hot* oscillating in an *infinite* process," *wet* goes to *dry* and *dry* goes to *wet*," each systematically alternating with the other. The following excerpt is from the "*Eastern "I Ching or Book of Changes*" which speaks of both the simple *harmonic* motion and *physical binomial* motion of oppositional *presences* within *time* cycles.

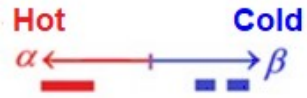
> ***[Zhu, I-Ching, pg. 108]*** *When the sun goes, the moon comes; when the moon goes, the sun comes. The sun and moon alternate; thus light comes into existence. When cold goes, heat comes; when heat goes, cold comes. Cold and heat alternate, and thus the year completes itself. The past contracts; the future expands. Contraction and Expansion act upon each other; hereby arises that which furthers.*

We find in *Nature* two special forms of fundamental oppositions; the α, β $\mathbb{R}^1$ oppositional binomial and its multi-dimensional $\mathbb{R}^2$, $\mathbb{R}^3$ *orthogonally* complemented dimensions. The primary $\mathbb{R}^1$ binomial opposition acts as a *volatile*-active and *fixed*-passive of a fundamental opposite and is correspondingly the fundamental component in the more complex *complementary* arrangements. The *complementary* oppositions are a combination of two or more oppositional binomials complemented in cubic models and interact oppositionally by *contraction* and *expansion*.

In *complementary* operations, the $(\alpha + \beta)^n$ binomial expansion is two related mathematical operations taking place at the same instant; *contraction* of the active *alpha* (α) presence and at the same instant, *expansion* of its opposing virtual *beta* (β) presence. The *contraction* and *expansion* of the α, β presences are the essential *tenets* used in formulating the binomial Base 2 equations.

The *linear* complementary opposite presences may be any of the myriads of oppositional *natures*; however, the equation for an α, β oppositional binomial is defined, *first*, in terms of its inherent *contractive* active (α) and *expansive* (β) passive-inactive natures, and *second* by its unique *qualities*. By referring to *inherent* presences; it is those *fields*, *attributes*, or *presences* that exist within the opposition at its *formation*; the α, β *contractive* and *expansive* attributes are inherent within each oppositional duality.

A *Binary* Line can graphically illustrate a *set* of binomial opposites. The illustration below is a *binary* line of the $\mathbb{R}^1$ *1*-dimensional oppositional binomial, *Temperature* (*hot*-*cold*).



The graphic above contains an *I Ching* notational bold line (▬) and a broken line (▬ ▬) as binary data *symbols* representing the *active* and *passive*-inactive binary data presences of the opposite. The opposing terms of the 1-dimensional binary line are of equal length to indicate a beginning equivalence of intensity or *energy* presence for each property. You can represent any and all physical and/or philosophical 1-dimensional binomial opposites by a binary line. Examples shown below are the binary line illustrations for the data presences of luminosity (*light*-*dark*) and humidity (*dry*-*wet*).

Although the graphics above are specific for the binary lines of *defined* physical and/or philosophical data opposites; if we use the graphics without the *hot*-*cold*, *light*-*dark*, and *dry*-*wet* notations, the graph will portray a universal α, β 1-dimensional standardized binary line in which *any* set of an opposite's data presences may be illustrated. The bold (α) ▬ direction, individually, is from a *near-center* point toward the (α) end and the broken line (β) ▬ ▬ direction, individually, is from the *near-center* point toward the (β) end of the binary line. We will be referencing each one individually later on in the text as *volatile bold* and *fixed broken* lines separately.

$$\mathbb{R}^1$$

Expanding Feminine *Contracting Masculine*

Productive capacity **(*P*)** ***Generative power*** **(*G*)**

Inactive-fixed *Active-volatile*

The importance of the *Productive Capacity* (P) and the *Generative Power* (G) of the opposite shown above will become more clear as we preview the pairs' proportionality.

The *Generative Power* (G), *Productive Capacity* (P), and the dualities' *Constant* of Proportionality are shown below.

Proportion *Inverse*

$P \propto G$ *Standard Colors* *Inverse Colors* $G \propto P$

$$P = k\,G \leftarrow \text{Equation} \rightarrow G = \frac{1}{k}\,P$$

2. The *Equation* of a *Binomial Opposite*. $f(m_1) = (\alpha + \beta)^1$

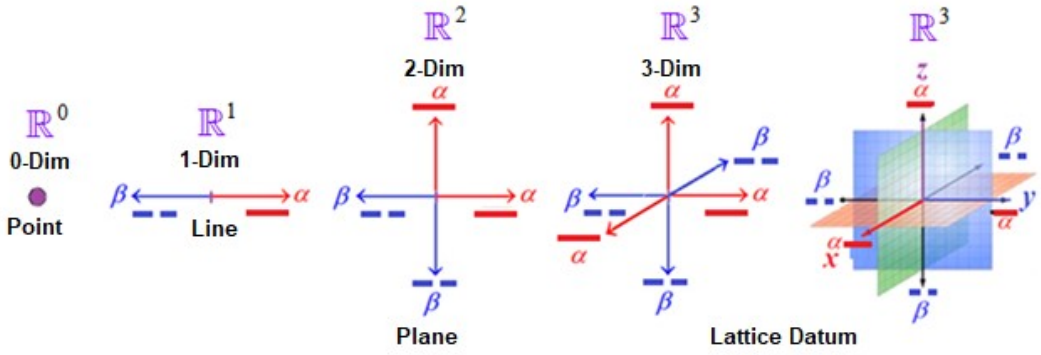
The binomial equation for a set of opposites serves several purposes; it is first, an expandable *exponential* function that can be used to illustrate fundamental operators in *Nature*; (the cubic/circular *harmonic* interactions of opposites) and more important, it is also the fundamental binomial equation for a 1-dimension of *Lattice Datum* space. The presences are then placed in the form of a binomial exponential function $f(m_n) = (\alpha + \beta)^n$. The exponent "*n*" of the function determines the number of *spatial dimensions* or the *exponential level* of oppositions within an oppositional function. The function, $(\alpha + \beta)^1$, of an equation, is a *first-degree* binomial opposition and a 1-dimension of space function; such that in the exponential function, $n = 1,\ 2,\ 3,\ \cdots \rightarrow \infty$ *oppositions* or Differential *dimensions*, which are explained in *Section 10*.

3. *Mensionization*

Geometry defines dimensions of space in this order: a *point*, *position*, or a *particle* is

0-dimensional; it has no units of measurement; it does not have *length*, *width*, nor *height*. It only occupies a "*Position*." A line or line-segment is a $\mathbb{R}^1$, 1-dimensional, it has *length*, (one unit of measurement); a plane is an $\mathbb{R}^2$, 2-dimensional, it has *length* and *width*; and a cube is an $\mathbb{R}^3$, 3-dimensional, it has *length*, *width*, and *height*. It requires *one* binary line $(\alpha+\beta)^1$ to form the diagram of a 1-dimension, *two orthogonally* complemented binary lines $(\alpha+\beta)^2$ to form the diagram of a 2-dimensional *plane*, and *three orthogonally* complemented binary lines $(\alpha+\beta)^3$ to form the diagram of a cube or 3-dimensions.

Observe from the different graphics below, for every dimensional increase from the 1-dimensional graphic to the 3-dimensional *Lattice Datum* system, we are *complementing* one additional 1-dimensional binary line *orthogonally* (90°) to the previous graph. Each new binary line's *complementation* has its own unique nature or set of qualities that operate within an inherent (α) *active* and (β) *inactive* presence associated with the *Lattice Datum* opposition's operations.



The *mathematics* used in the manipulation of α,β oppositional binomials is termed *Mensionization*. Its name is derived from the oppositional relationship of a *Lattice Datum's* $\mathbb{R}^1$ *orthogonal* (*complementary*) *dimension*. The word *'dimension'* is a form of *metiri* (*dis-metiri*), whose meaning is "*to measure*". The *"di"* prefix is indicative of the *binary* oppositional relationship; thus its definition "*to measure oppositionals*." You'll get a better feel for the names as they are used in the following texts. Therefore the function illustration $f(m_n)$ is termed a "*function of Mensionization*," thus its representation.

4. The Mensional Matrix

A *structural* representation of *Mensionization* as a whole can be observed from the *Mensional*

Matrix, shown below. The *Mensional Matrix* is a combination of systems containing sequences of equations within the *Mensional* system. It contains *Horizontal, Vertical, and Diagonal* sequences or *Mensionals*. As an example, the *vertical* oppositional *dimensional* sequence below containing $(0,\ 1,\ 2,\ 3,\ \cdots \to \infty)$ *exponential* α, β oppositions or dimensions is only one sequence in many numbers of sequences contained within the *Mensional* matrix. Our visible universe is a 3-dimensional universe; however, the 3-dimensional *Lattice Datum* system is only *one* fractional part of the *vertical* dimensional sequence shown highlighted in the *Mensional* matrix below.

The Mensional Matrix

0-monomension	*0-dimension*	*0-trimension*	*0-tetramension*	*. . . 0-(n) mension* $\to \infty$
1-monomension	*1-dimension*	*1-trimension*	*1- tetramension*	*. . . 1-(n) mension* $\to \infty$
2-monomension	*2-dimension*	*2-trimension*	*2-tetramension*	*. . . 2-(n) mension* $\to \infty$
3-monomension	***3-Dimension***	*3-trimension*	*3- tetramension*	*. . . 3-(n) mension* $\to \infty$
4-monomension	*4-dimension*	*4-trimension*	*4- tetramension*	*. . . 4-(n) mension* $\to \infty$
*	*	*	*	. . . *
*	*	*	*	. . . *
r-monomension	*r-dimension*	*r-trimensions*	*r- tetramensions*	*. . . r- (n)mension* $\to \infty$
*	*	*	*	. . . *
*	*	*	*	. . . *
∞	∞	∞	∞	. . . ∞

There is a salient *double* sequence in the *Mensional Matrix*. Each *horizontal* row is an *infinite* sequence and each *vertical* column is an *infinite* sequence. The *vertical* dimensional sequence (*highlighted*) is the one we readily experience. If you look carefully at the *Mensional Matrix* above, in a 'classic' sense, the universe we observe and interact with is essentially a "*di-mensional*" universe containing 3-dimensions, (and undoubtedly somehow the higher Mensional math that I haven't been exposed to yet, such as *trimensions,* and *tetramensions;* although, note, each one logically should have its own discipline of individual mathematics. Just as dimensions use *binomial* mathematics associated with it, trimensions would essentially use a form of *trinomial* math $f(m_n) = (\alpha + \beta + \gamma)^n$.

The specific sequence we will discuss in this explication is the *vertical*, dimensional, α, β Base 2 oppositional sequence of the *Mensional Matrix*.

From the reference on how geometry classifies spatial dimensions, we know $f(m_1)=(\alpha+\beta)^1$ is a 1-dimensional binomial function, or opposition and if the *exponent* of the binomial function were increased from, $(\alpha+\beta)^1$ to $(\alpha+\beta)^2$, it would then become a 2-dimensional *orthogonally complemented* mensional polynomial or opposition. Also increasing the 2-dimension's *exponent* by one would produce the *operators*, *structure*, and *polynomial* for a 3-dimensional *Lattice Datum* system oppositional binomial $f(m_3)=(\alpha+\beta)^3$.

5. The Dimensional Equations of the Mensional Matrix.

The first *three* (3) equations of the dimensional sequence are the equivalence of the spatial Classic 3-dimensional equations:

$f(m_1)=(\alpha+\beta)^1$ *1-dimensional space or opposition.*

$f(m_2)=(\alpha+\beta)^2$ *2-dimensional orthogonally complemented space or opposition.*

$f(m_3)=(\alpha+\beta)^3$ *3-dimensional orthogonally complemented Lattice Datum's oppositions.*

Dimensional math does not end at *three* dimensions; mathematically it includes the 4^{th}, 5^{th}, 6^{th}, $\cdots$ up to the n^{th}-dimension and beyond (this *infinite* range of dimensions will be explained in *Section* 10 by the *Differential Dimension* system which allows the use of *infinite orthogonal* dimensions of space $\mathbb{R}^{\infty}$. Increasing the *exponent* of a dimensional function's equation numerically by one *integer* unit will give the general binomial equation for the next higher opposition or dimension.

$f(m_4)=(\alpha+\beta)^4$ 4^{th}*-dimensional opposition*

$f(m_5)=(\alpha+\beta)^5$ 5^{th}*-dimensional opposition*

$f(m_6)=(\alpha+\beta)^6$ 6^{th}*-dimensional opposition*

$f(m_n)=(\alpha+\beta)^n$ n^{th}*-dimensional opposition* $\cdots\rightarrow$ (∞) *dimensions*

6. The Mension $f(m_0)=(\alpha+\beta)^0$

0*-Dimensional Virtual Mension Function* $\mathbb{R}^0$ *where* $(\alpha+\beta)^0=1$

The beginning of the dimensional sequence is not the 1-dimensional opposition but the *zero exponent* function above. It is referred to as any particular *Mensional* sequence's "*Mension"* or *virtual* beginning. In the dimensional case, it is a *philosophical* and *mathematical* virtual incorporeal state of oppositional dimensionality, a virtual dimension or opposition. It is also what I refer *to* as an α, β oppositional dimension's *T'ai Chi*. It is a 0-dimensional incorporeal *virtual* property. Philosophically, some alchemists and Eastern philosophies viewed this state as a virtual incorporeal primeval state (*"Prima Materia* or *Supreme Ultimate"*). It is not corporeal in its nature but an entity that can be thought of as *one virtual* unit of *fuel for creation*. It is termed the "(*ONE*)" or the *"Prime Substance"* (*Prima Materia*) mentioned in *Hermetic Alchemy*, and also referenced by *T'ai Chi*, "the *Supreme Ultimate"* in the Eastern "*Yi Jing,"* (*I Ching* or Book of Changes).

[Wilhelm Lectures; I Ching] *In the Book of Changes, T'ai Chi is represented as the basis of all existence. T'ai Chi is the Supreme Ultimate, the entrance into the phenomenon, the ONE, or in other words, that something from which everything else is assumed to proceed.*

T'ai Chi is commonly known in *Western* culture as the *yin-yang* symbol. Notice in the above holistic symbol there are two virtual congruent parts, one *red* and one *blue*. The *blue* teardrop of the virtual binomial contains a *red* dot and the *red* teardrop contains within itself a *blue* dot. The *blue* and *red* dots represent a philosophical virtual inherent *vestige* presence of each one's opposite. The curved portion of the inner symbols represents a *mathematical sine wave*.

The *red* teardrop is the "*Yang*" or a virtual (α^0) masculine, active, *Generative Power* (G) presence and the blue teardrop the "*Yin*" or a virtual (β^0) feminine, inactive, *Productive Capacity* (P) presence of a virtual dimension's opposite. *T'ai Chi* is an illustration of a virtual dimension or opposition in a 0-dimension or a mathematical state of $(\alpha + \beta)^0$. It is symbolic for the "*ONE*", or the fundamental "*Prima Materia*," characterized by some alchemists as *one-unit* of *fuel* for *creation*. The *Prima Materia* is also sometimes defined as the substance of the *"Primordial Soup,"* said to fill the *void* or *abyss*; it is also the "*ONE"* spoken of in the early texts. The *prima materia* of the alchemists is a beginning mathematical *Principium* term $(2^0 = 1)$ which allows for the belief in a *Deity*.

Thus far, we have defined a set of α, β oppositional dualities in terms of dimensional, *Hermetic Alchemical*, and *I Ching* opposites; determined its equation, and advocated from *Hermetic Alchemy* this set of opposites containing inherent α, β opposing presences in each of the *Lattice Datum's* $\mathbb{R}^3$ 3-dimensions of α, β oppositional space. We also have the primary dimensional oppositional masculine (α) *Generative Power,* and-feminine (β) *Productive Capacity complemented* binomial equations. It is now time to expand the math to a more-operational level.

The Preliminary Mathematics, Section 4