



Unofficial Addendum to the Mandombé Writing Manual

A Multidisciplinary Study of the Mandombé Writing System:

with Mathematic, and Scientific Implications

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Introduction:

This PDF was created to share my personal interpretation of and insights into the Mandombe writing script.¹ Mandombe is “an Afrikan script developed around 1978 in the village of Mbanza-Ngungu in the **Bas-Congo** province of the Democratic Republic of the Congo by Wabeladio Payi, who explained that it was revealed to him by **Simon Kimbangu**, the prophet of the **Kimbanguist Church**, in a dream. The word Mandombe literally translates to “for blacks”...” or “that which belongs to the blacks”²” – [Mandombe Afrikan Scripture: Introduction to Mandombe writing, David Wabeladio Payi](#)

The script is a mathematic and geometric writing system for transcribing all spoken languages on the planet. It consists of over **110 Graphic Phonemes** which are joined together symmetrically by the angle of “**Yikamu**” (lever) and vowel form (see [Yikamu Degrees/Determinative Layers: 5 Content Spheres \(Dimensions\) – Continued](#)). I will go further into the scripts structure later on in this document but in this introduction I want to share what I found to be my own resistance to Mandombe specifically concerning the supernatural “*christian*” aspect of the scripts origination. As I struggled to push aside my own biases (“Keep your God at home”) I began to see correlations between the Kimbanguist Church and the Nation of Islam. I learned that their God was black. I learned that Christ was born in the Congo and that the people in the Bas-Congo region had initiated a denomination of Christianity called [Antonianism](#) dating back to before 1704. I also learned that the Bas-Congo region was where [Beatrice Kimpa Vita](#) and other anti-colonialist revolutionaries lived, fought and died for their people. I saw they wore [buttons](#) and [tee-shirts with pictures](#) of their father and teacher [Simon Kimbangu](#) on their clothes at gatherings, and I saw that he looked like them. I learned they wear similar formal dress to that of the FOI and that much like those who speak on behalf of the Nation of Islam, they give all respect and praises due to their father and master teacher before themselves. Learning these facts helped me to put aside any anti-christian biases and allowed me to see the members of the Kimbanguist church for who they are: African women and men. I invite the reader to do the same. Some interesting facts about Mandombe are:

1. The language script begins with a **Black Dot ●** called a **Singini**
2. The two primary word forms: **Paku Ndungu (ㄩ)** and **Pele Kete (ㄷ)**, are based on the prime numbers **5** and **2**.
3. Both word forms (**Mazita**) compliment and mirror one another.
4. The word forms are derived from the sound of the tam-tam (**Paku Ndungu = Bass, Pele Kete = Snare: [Video](#)**).
5. $5/2 = 2.5$ (an inversion of the same primary number pair)
6. $2+5 = 7$ ([solfeggio / chromatic scale](#) , [visible light spectrum](#))
7. The combination of both forms on an led display = **8** ([magnetic field geometry](#) , [electron distribution model](#))
8. Each **Mazita** has **4** possible orientations ([4 states of matter](#))
9. All “*water*” forms in the language script begin with the **Ndungu** symbol **5** (with the exception of one group).
10. There are (at least) **5** dimensions in the language.³
11. The language script employs binary doubling and pairing similar to the I Ching, and Odu-Ifa and Ogdoad.

Additional note:

*“The originator(s) of Mandombe saw a future when Black people were intellectually separated from the rest of the world, in such a way that we were able to develop and control our creations for long enough that they wouldn’t be able to be co-opted and used against us”.*⁴

I find it fascinating and fitting that some of the most comprehensive keys to restoring that which has been lost were found in the center of the African continent, - *literally with our names on it!* -, left there by our family years *before* many of us came into the awareness of the existence or the need of this knowledge. ([Shaka Ahmose](#)).

¹ **Intro to Mandombe: A New Afrikan Script:** <http://www.edjua.com/product/intro-to-mandombe-a-new-afrikan-script/>

² See definition of Mandombe and Candomblé [here](#)

³ Although other dimensions are possible (180°, 225°, and 270°) and [implied](#) no examples are given in the manual.

⁴ **Brain Computer Programming Language (SOS Manual 2of2):**

<http://www.worldafropedia.com/afropedia/Blog:Brain Computer Programing Language %28SOS Manual 2of2%29>

Mandombe: Brief History and Factual Notes

Mandombe (𐑃𐑄𐑅𐑆𐑇), which means “for the Blacks”, is a modern African script which was invented in 1978 by David Wabeladio Payi (*15.07.1957–†04.04.2013). It is one of very few modern scripts which were invented south of the equator. It was first designed to write Kikongo and Lingala, arguably the most politically relevant languages of Congo, and then developed further so that basically any language can be written with this script. Unlike other modern African scripts, Mandombe does not copy the type of letters which are similar to the Roman or Arabic alphabets, but the symbols are designed according to strong geometrical rules, on the basis of the stylized cyphers 𐑃 (2) and 𐑄 (5), which give the script an outstanding appearance.

In 2010 a preliminary proposal (N3970¹) containing introductory information about the Mandombe script and details of character composition was submitted to the Unicode Consortium for inclusion in the combined character encoding ISO 10646 /Unicode standard.

In 2011 the script was ranked 3rd in a comparative list of West African Indigenous Scripts (WAIS) and was classified as "hopeful" by Dr. Joshua Fishman and Dr. Ofelia Gracià in their *Handbook of Language and Ethnic Identity*.²

On December 22, 2011 David Wabeladio was granted the title Doctor Honoris Causa at the University of Kinshasa. The inventor was also granted a professorship at the Kimbanguist University in Kinshasa, where he taught the script to numerous students before his [mysterious death](#) in 2013. The script is also taught in the Kimbanguist centers overseas including Brussels and Paris.



David Wabeladio Payi (07.15.1957 – 04.04.2013)

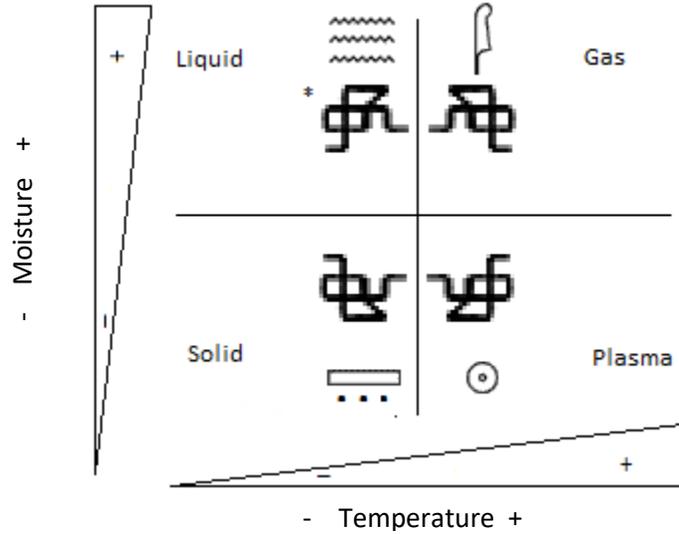
¹ [Preliminary proposal for encoding the Mandombe script in the SMP of the UCS \(Revised\)](#), 2015

² [Handbook of Language and Ethnic Identity](#): The success-Failure Continuum In Language and Ethnic Identity Efforts, Ed. Joshua A Fishman and Ofelia Gracià, pp. 27-30

Mazita Orientation: Matter transformation using sound.

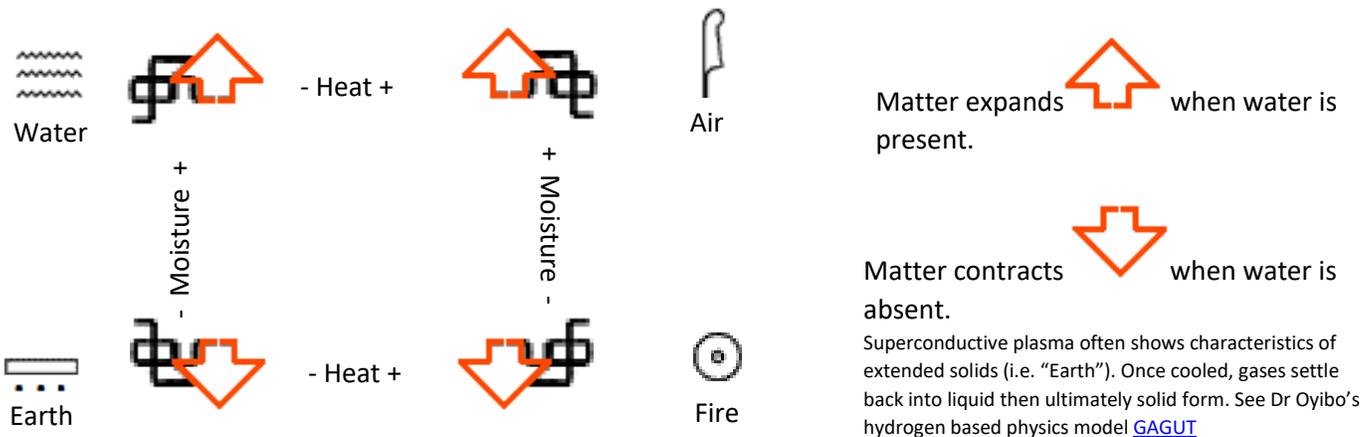
Mazita Square

“In the scriptures of people are hidden secrets of the development of a given people in all fields of knowledge”
 - David Wabeladio, Introduction to Mandombe Writing



Mirroring or reflecting Mazita (words) horizontally increases/decreases the ‘temperature’ of the word.
 Mirroring or reflecting Mazita vertically increases/decreases the ‘moisture’ of the word.

The above quote from the inventor of Mandombe reveals how speech not only conveys the intent of the speaker but also the principles of origin (cosmology, cosmogony, physiognomy) of the speaker as well ([Sara Suten Seti](#)). The Mandombe writing system is a scientific and mathematical script that transcribes the cycles of nature and time required to produce the Hueman [Black] speaker. The principles of vibration, gender, duality, balance, and the elemental states of matter (solid, liquid, gas, and plasma) are reflected within every stage of the writing system. In Mandombe the **Kisimba** or vowel ‘A’ is displayed as it attaches to the Ndungu form (**S**). This form is used to produce all Mazita within the writing system (with the exception of the **Mazindinga/N’zanza** forms). It is my reasoning for choosing this form as the ‘prototypical form’ of water and using it as the starting reference point of transformation in what I call the **Mazita Square**.

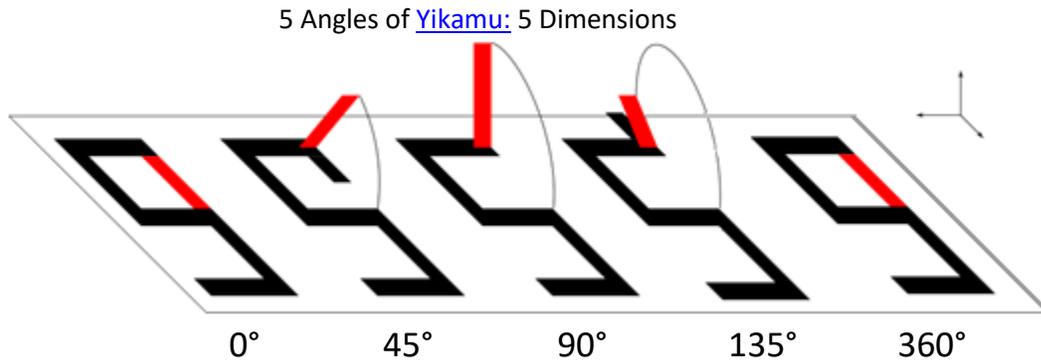


Note: Mazita orientation **does not** translate to a fixed specific sound set. Rather it conveys the *properties* of the “matter” at hand, giving the reader an immediate graphical indication as to the nature of the “subject matter” of discussion.

Yikamu Degrees: Determinative Layers

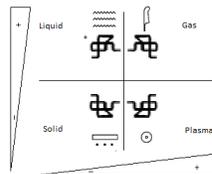
5 Content Spheres (Dimensions)

In Mandombe the cycles of matter (Solid, Liquid, Gas and Plasma) occur within 5 *content layers* or *content spheres*. These spheres of context or dimensions are referenced by the angle of degree of an [orrery](#) element called a **Yikamu**. The degree of Yikamu (similarly to the angle of trajectory, orbit and spin of an electron) determines the 'field of matter' referenced. (See **Mbuti People**¹ 'The Spherical Worlds of Wombs').



5 Dimensions / (Degrees or 'angles of arc')

x



4 Orientations / (States of matter)

20 Mazita (word forms)

(Note: When these 20 Mazita expressions are multiplied by the 5 vowel sounds present in English it produces 100 Mazita that can be used to transcribe the English alphabet (see [Mazita Transcription Table](#) below).

Mandombe is a three dimensional (3D) script therefore the number of degrees or dimensions could be as high as 360.

*this would require high definition visualization.

¹ [The Symbols of "Forest": A Structural Analysis of Mbuti Culture and Social Organization](#)

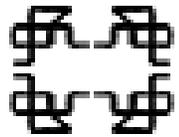
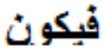
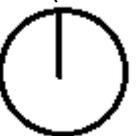
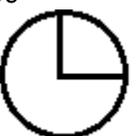
Author(s): Mark S. Mosko

Source: American Anthropologist, New Series, Vol. 89, No. 4 (Dec., 1987), pp. 896-913.

Published by: Blackwell Publishing on behalf of the American Anthropological Association

Public URL: http://www.drabruzzi.com/MOSKO_The%20Symbols%20of%20Forest.pdf (p. 5).

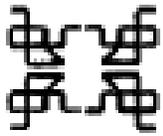
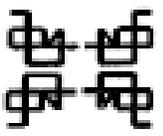
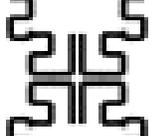
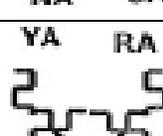
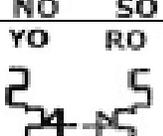
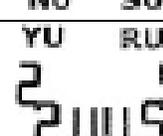
**Yikamu Degrees/Determinative Layers:
5 Content Spheres (Dimensions) - Continued**

<p>0° (Butila)</p> 	<p>BA FA</p>  <p>GA DA</p>	<p>Biology: Nutrition, Health, Breath, Sustenance</p> <p>Examples:</p>  <p>Ba</p>  <p>Fayakun</p>  <p>Gia</p>  <p>Daham</p>
<p>360°(N'Zanza)</p> 	<p>SHA TSHA</p>  <p>JA DJA</p>	<p>Communication: Shear, Cleave, Split, Spread: Translate</p> <p>Example:</p>  <p>Djet</p>
<p>45°</p> 	<p>KA LA</p>  <p>PA MA</p>	<p>Genetics: Genealogy, Bloodline, Family, Lineage, Pedigree Heritage/Inheritance, Rights, Law, Civics & Politics</p> <p>Example:</p>  <p>Ka</p>
<p>90°</p> 	<p>NA SA</p>  <p>TA VA</p>	<p>Physical Science: Agriculture, Architecture, Engineering, Energy Sciences, etc.</p> <p>Example:</p>  <p>Ta</p>
<p>135°</p> 	<p>WA ZA</p>  <p>YA RA</p>	<p>Metaphysics: Psychology, Sociology, Mind Science, Occult: <i>Opening of The Way, Middle Way, Going in, Going Out, Traveling, Projection, Perception, etc.</i></p> <p>Example:</p>  <p>Ra</p>

(**Note:** As in the [Mazita Orientation](#) graph above, the examples on this chart are not meant to imply a direct translational or transcriptional relationship between Mandombe and the sample language scripts used (MDU-NTR, Arabic, Greek, Hebrew). They are only meant to provide a starting point for a theoretical philological understanding of the relationship between dimension orientation and meaning within Mandombe.

Mazita Transcription Table

In the table below consonants are determined by Yikamu degree and Mazita orientation while the vowels are determined by the vowel sounds present in English (a, e, i, o, u). The 'dimension' (determined by Yikamu°) links specific Mazita into phonetically related groups called **Tetragrams**.

Yikamu°	A	E	I	O	U
Protodimensional	 A HA	 E HE	 I HI	 O HO	 U HU
0° (Butila)	GA DA  BA FA	GE DE  BE FE	GI DI  BI FI	GO DO  BO FO	GU DU  BU FU
360° (N'Zanza)	JA DJA  SHA TSA	JE DJE  SHE TSE	JI DJI  SHI TSHI	JO DJO  SHO TSHO	JU DJU  SHU TSHU
45°	PA MA  KA LA	PE ME  KE LE	PI MI  KI LI	PO MO  KO LO	PU MU  KU LU
90°	TA VA  NA SA	TE VE  NE SE	TI VI  NI SI	TO VO  NO SO	TU VU  NU SU
135°	YA RA  WA ZA	YE RE  WE ZE	YI RI  WI ZI	YO RO  WO ZO	YU RU  WU ZU

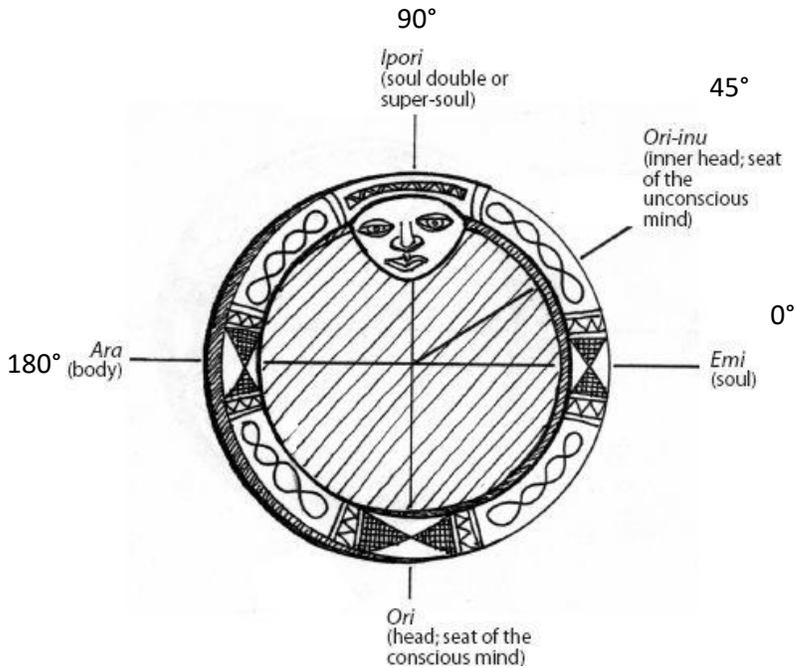
Note: [Minister Enqi](#): 'W'

The Mandombe Sphere:

3 Dimensional reality and Indigenous Information Technology: i.e. RecTec

Opan-ifa

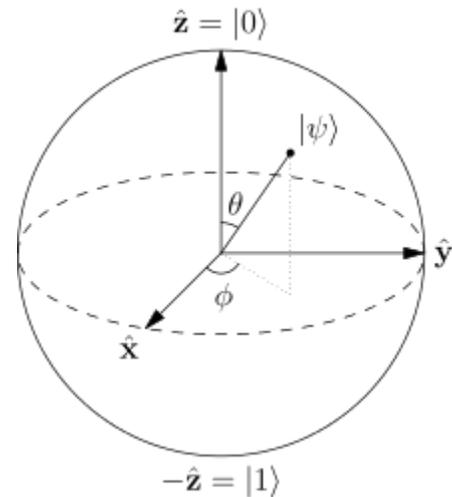
Ifa divination board, showing the map of consciousness.
Yoruba concept of the mind.



Quantum Qubit

The [Bloch sphere](#): a representation of a [qubit](#), the fundamental building block of quantum computers

See also [Quadrature Amplitude Modulation](#)



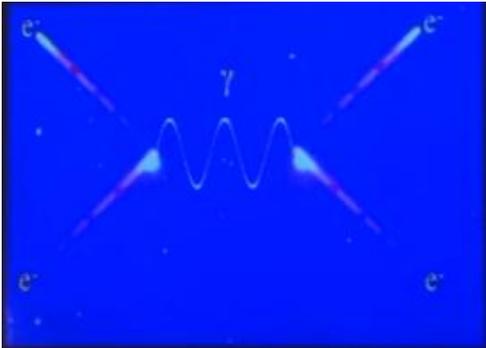
The earliest recorded usage of information technology (i.e. binary communication and computational mathematics to communicate information) dates as far back as 40,000 years to the design and use of the Lebombo and Ishango bones¹ ([Dr. Maat](#)). Dr. James Gates of the University of Maryland has recently attested to the discovery of 'computer code' in theoretical physics equations used to describe the nature of reality ([Computer codes in string theory equations](#)). Binary mathematics has been documented to have been first developed in Egypt. Early forms of the number system can be found in documents from the Fifth Dynasty of Egypt, approximately 2400 BC ([History of Binary Communication](#)).

We know that our ancestors were capable of performing computational mathematics and were documented to have developed the first binary communication system. When we study what is erroneously called their 'religious systems', we see that they had a three dimensional understanding of the nonvisible, microscopic, and macrocosmic worlds, the cyclic nature of those worlds and an awareness of the multidimensional nature of reality. They were the users of the first computer technology on Earth: the human brain. Systems such as the Odu-Ifa and the I Ching employ binary, hexadecimal and octet-based calculation systems. It is not outside the realm of reason to surmise that our ancestors may have viewed the universe, in a sense, as a massive quantum computer where the "sentient life program" (i.e. consciously modulated matter/energy) exists entheogenically, native to the universe and is accessible though sound. Noumenon - *Sound* - Phenomenon.

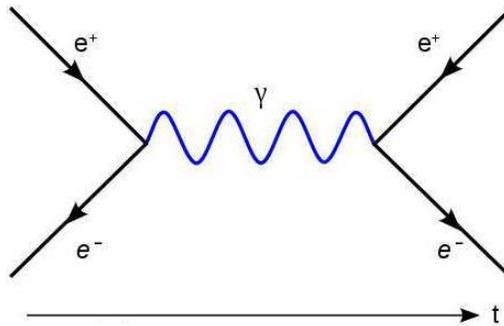
¹ The [Lebombo] bone is between 44,200 and 43,000 years old, according to two dozen radiocarbon datings.
https://en.wikipedia.org/wiki/Lebombo_bone

Fractals, Math and the Path of the Electron.

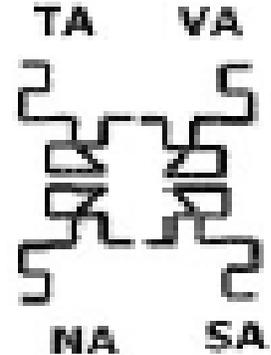
Dr. Ron Eglash¹ of the Department of Science and Technology Studies at Rensselaer Polytechnic Institute has published his work on the presence of [fractals at the heart of African designs](#). Dr. Laila Afrika has touched on this topic in his historical lecture on [The Gullah People](#). In his lecture Dr. Afrika also expresses his views on the [nature and source](#) of this original African technology which I term **RecTec**.



[Feynman Diagram](#): Slide taken from the presentation given by Prof. James Gates on Supersymmetry at Taft School (01/15/2015)



Annihilation of electron and positron creating a photon which decays into a new electron



Mazita Square (Tetragram)
Vowel "A". 90 degrees

Proposal 1:

I propose that **Mazita Tetragrams** (Similar to the Adinkra symbols of Prof. James Gates) can be interpreted as **3 dimensional diagrammatic representations of the possible paths of an electron in 3 dimensional space**. This makes Mandombe a system for transcribing and transforming "subject matter" (from physics to civics) within the 5 vowel "wombs" of space surrounding the speaker² (e.g. "...manipulating the velocities and vortices of being.") using sound.³

Proposal 2:

The **110 Mazita** represent a sonic **Table of Elements** used for transcribing intent through sound, transforming "*subject matter*"⁴ ("We bring the world into being through our consciousness. And through our consciousness we create the world we live in." - [Dr. Amos Wilson speaking on the "Blueprint for African Power"](#))

Notes:

1. The **maximum number of electrons** in an atom with **5 electron shells** = **110**. (i.e. $2 \cdot 5^2 + 2 \cdot 4^2 + 2 \cdot 3^2 + 2 \cdot 2^2 + 2 \cdot 1^2$).
2. The total number of known elements in Periodic Table = **118** (110 + 8) [See significance](#)
3. The element [Darmstadtium](#) (at. no. 110) is a synthetic *manmade* element created in 1994.
4. Various experiments in [sonochemistry](#) have demonstrated the application of [sound waves in chemistry](#).
5. Sound waves have been proven to both impede and induce chemical and physical transformations in matter.⁵

¹ Dr. Ron Eglash: [African Fractals: Modern Computing and Indigenous Design](#)

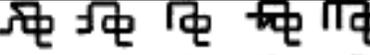
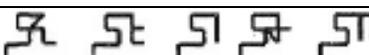
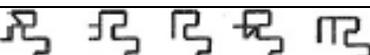
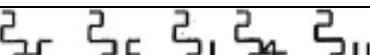
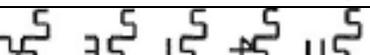
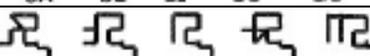
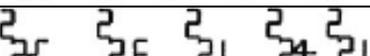
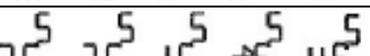
² Dr. Phil Valentine: Astrosophic Timetable of the Olmec-Maya ([4h13m20s](#))

³ Dr. Phil Valentine: Astrosophic Timetable of the Olmec-Maya ([02h51m17s](#))

⁴ Subjective v. objective - Dr. Marimba Ani Yurugu: An African-Centered Critique of European Cultural Thought and Behavior ([48m42s](#))

⁵ [How to put out fires using SOUND](#): Daily Mail - Published: 10:18 EST, 26 March 2015

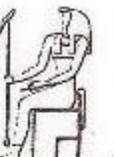
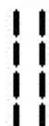
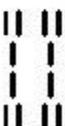
**Mazita Morphology by Orientation & Yikamu degree:
The Sonochemical Table of Elements**

Yikamu°	Prototypical form 	Prototypical form mirrored 	Prototypical form flipped 	Prototypical form flipped and mirrored 
	 A E I O U			 HA HE HI HO HU
0°	 BA BE BI BO BU	 FA FE FI FO FU	 GA GE GI GO GU	 DA DE DI DO DU
360°	 SHA SHE SHI SHO SHU	 TSHA TSHE TSHI TSHO TSHU	 JA JE JI JO JU	 DJA DJE DJI DJO DJU
45°	 KA KE KI KO KU	 LA LE LI LO LU	 PA PE PI PO PU	 MA ME MI MO MU
90°	 NA NE NI NO NU	 SA SE SI SO SU	 TA TE TI TO TU	 VA VE VI VO VU
135°	 WA WE WI WO WU	 ZA ZE ZI ZO ZU	 YA YE YI YO YU	 RA RE RI RO RU

Note how this table layout resembles the Periodic Table of Elements. Much like the Periodic Table the more electropositive, hydrophilic/alkaline compounds (Mazita) are located in the lower left-hand corner of the chart while the more hydrophobic, electronegative/acidic compounds occupy the upper-right. Also notice how similar to the periodic chart there are no elements in the middle of the chart. This is because the composite elements (, ) are formed by the interaction of the primary elements (, ) (Dr. Phil Valentine: [‘Periodic Table of Elements’](#))

Conclusion:

I propose that the Mandombe writing script be used as a scientific teaching tool. This work and all of the work of Kemware will be to prescribe a [descriptive science](#) which may be used reconstitute an [exact science](#) used to properly observe and influence natural phenomena. When layered over the study of other scientific disciplines (geometry, physics, electronics, digital communication, mathematics, etc) the emanation and interaction of the word forms in Mandombe reveal a system of cooperation and interaction of elemental principles present within all scientific disciplines (hydrodynamics, physics, electronics etc – [“The Master Key”](#)).

MDU NTR								
								
Ra	Nun	Nunet	Hu	Hauhet	Ku	Kauket	Amon	Amaunet
I CHING								
								
Yin/Yang	Qian father	Kun mother	Zhen eldest son	Xun eldest daughter	Kan middle son	Li middle daughter	Gen youngest son	Dui youngest daughter
ODU-IFA								
								
Odu-Ifa	Ogbe Meji	Oyeku Meji	Iwori Meji	Odi Meji	Irosun Meji	Owomin Meji	Obara Meji	Okunran Meji
MANDOMBE								
								
Singini (Black Dot)	PAKU	Nkenge	NDUNGU	Nkandu	PELE	Nsona	KETE	Konzo

Comparative chart displaying similarities between the I Ching (“Asian”), Odu Ifa (“West African”), Mandombe (Central African), and KMTU MDU NTr Ogdoad /Ennead based (“Ancient Near-East”) cosmogonal ordering systems.

I also propose that Mandombe may be interpreted as an expansion of the traditional 8 bit Ifa divination system: whereas Ifa may be interpreted as a 4 dimensional 4 element computation system ([A Comparative Study of Ifa Divination and Computer Science](#)), Mandombe may be interpreted as a 5 dimensional 4 element computational model: (4 elements x 5 dimensions = 20 word ([Ikin](#)) per Vowel space).