SUMMARY

WOR(L)D CULTURES:

THE TOPOLOGY OF 10 DIMENSIONAL LANGUAGES

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Foreword. The 10D Superorganisms of The Universe

FRACTAL ORGANISMS D=EVOLVE ITS NETWORKS THROUGH 3+1 GENERATIONAL AGES

BIRTH: eti-1-< YOUTH: Max.Ei > MATURITY:ExTi > OLD AGE: Max. Ti<DEATH: eti-1
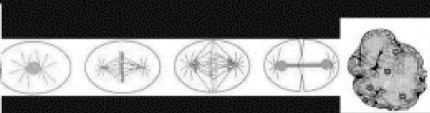
Human Socio-Biological Organisms:

i=4   i=3   i=3   Death of Cell

Human Organism

cell i=5
Lower Plane   EPIC, LINEAL ART   CLASSIC, REALIST ART.   BAROQUE, FORMAL ART   WAR

i=6   **Culture** : Human Super-Organism   Death of Society

i=5: PROPHET

Birth   Energy Hor.   Reproductive Hor .   Informative Hor.   Extinction
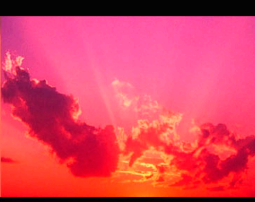
Plasma Birth   Energetic Gas   Liquid, Reproductive State   Solid, informative state,   M=E death
Lower Plane   Lower Plane

States of Matter

Energetic Birth   Steady, Spiral State   Informative, Globular Age   Quasar Death

Galaxies

Energy Big-Bang   Steady State   Big Crunch

Universe

In the early 90s, during my Master at Columbia University, I created the

only standing, logic and mathematical formalism of General Systems Sciences, also called Complexity (3), which describes all systems of the Universe as 10D Superorganisms.

Those super organisms both in physical and biological systems were structured across 3 'scalar Dimensions' of space time: the i-1 cellular, individual and i+1 social scale, which determined the existence of in time of a life-death cycle of 3±1 Dimensions or 'Ages' for all of them:

- The seminal i-1 age of birth, which reproduces a system till it emerges into the:

- Individual scale, where the system follows a young age of energy, an adult age of reproduction in which the individual integrated itself into the i+1 social scale.
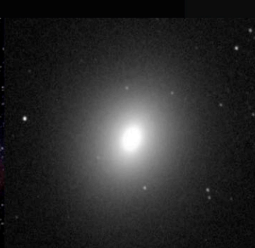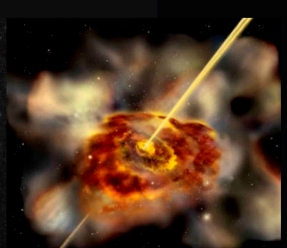
- Followed by a 3rd old age of information, which ends with a reversal of time, or 'death' that returned the system to the i-1 cellular scale.

And so I wrote a simple equation for the life death cycle:

$i-1 > Max. E -> E = I -> Max. I < i-1.$

Then I modeled most systems and languages of the Universe with that formalism, unifying the study of all sciences with them.

So in Physics I used it to describe all systems in the 3 scales known to man:

- The quantum scale through String theory (also 10 Dimensional systems, across 3 scales of i-1 strings, i-branes and i+1 particles).

- The human scale through the States of matter, the 'energetic', gaseous state, the liquid E=I balanced state and the informative, solid state, between 'plasmatic birth (i-1) and 'big-bang' extinction ($E=mc2$).

- And the Cosmic scale with its Galactic Superorganisms (made of i-1 atoms, which gather into i-stars, which become parts of social i+1 galaxies).

- Further on, those 3 'ages' of time, the age of 'energy', the age of balance and reproduction (exi) and the 3rd age of information were symmetric to the 3 'components' of all organisms, machines, and physical systems, the

energetic limbs/engines/fields, the reproductive wave/factories/bodies and the informative particle/chips/heads. So i extended the analysis of the 3 dimensions of time, to a deeper, 'topological' understanding of the 'morphologies' in space of all systems; and study with them engineering; and forecasted the evolution of machines, both diachronically (so we made bodies of machines in the XIX c. heads in the XX C. and now we put them into organic robots). This was the beginning of my accurate predictions of the future of economics, where company-mothers evolved and reproduced those machines.

- It came next the application of those fascinating discoveries and symmetries to biology, from genetic studies (the relationship between the i-1 scale that coded the i-ndividual one) to physiology: I also used it to study the morphology of all systems made with Energetic Limbs, reproductive bodies and informative heads, which evolved in 3 'scales' , the cellular, organic and species state. So me dine, was the study of the energetic, digestive, reproductive, blood and informative networks of the human organism and its balances with the cellular scale.

-It followed that in the i+1 scale there were also such 3 networks, the political informative system, the economic, reproductive system and the energetic geography of Gaia. And we could also establish a 'medical discipline' for history, as the laws of all systems were the same. So in the same manner we could cure the sickness of a cellular organism, we could solve and cure human social systems, in which we all humans were citizen cells. And so I designed a perfect world. One in which all human beings would have as cells do in a body enough energy and information to survive and thrive.

Back to biology, and its higher scale, the i+1 social scale, I realized species were also super organisms in which each individual was a cell. Since I could define an impersonal plan of evolution, where species also *followed the 3 evolutionary ages or 'dimensions of time', from a young predator state, through a biological radiation that reproduces the species, into an informative 'tall' age of maximal perception. So life went from the flat worm to the tall man, and reptiles from the flat amphibian to the dinosaur and bird:*

CONCEPTION AS A BLACK HOLE OF MIN. SIZE = MAX. INFORMATION
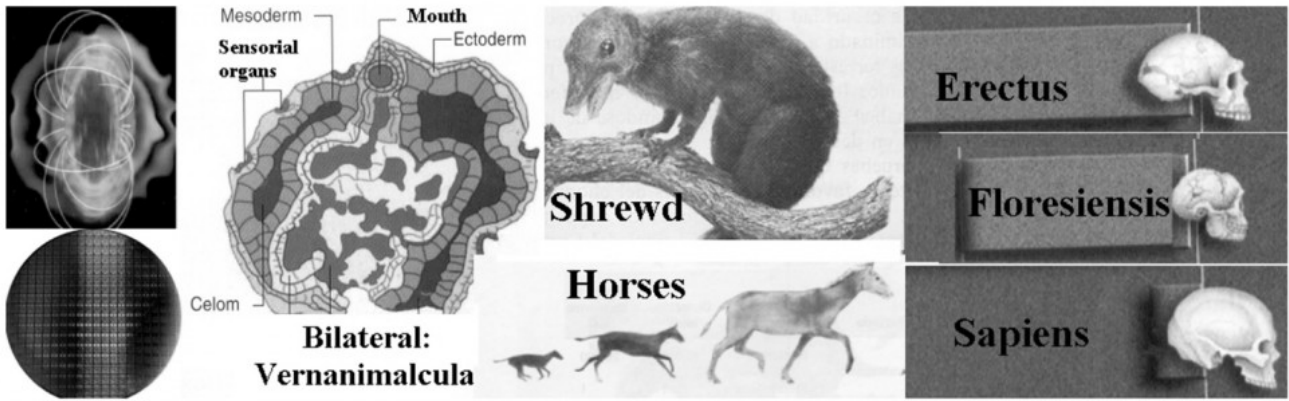
YOUTH AS A LINEAL, ENERGY, TOP PREDATOR SPECIES, GROWING IN SIZE
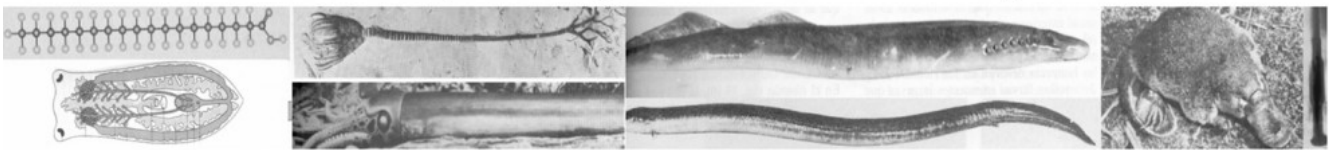
REPRODUCTIVE MATURITY: III AGE: GROWTH IN HEIGHT=INFORMATION
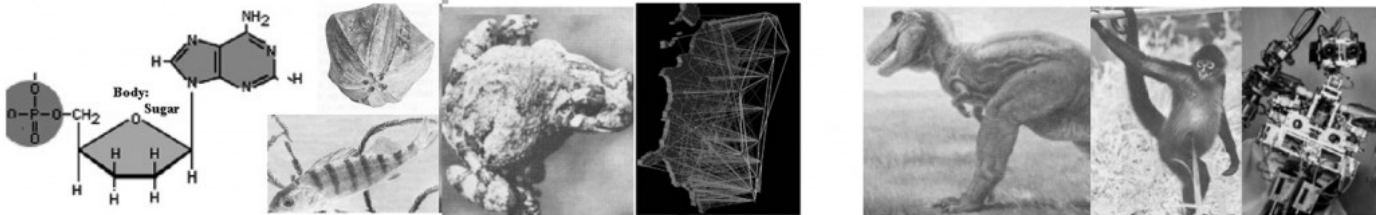
- And so this discovery applied to anthropology solved also the evolution of the human kind, also with 3 morphologies and ages - the visual, lineal Neanderthal, the small, informative pygmy and its combinations, the 3 races of mankind:

Lineal Energetic Male — Cyclical Reproductive Female — Formal Women — Lineal Male

Population — Reproductive Male Women Informative Men — Energy — Information

WHITE: MAX. ENERGY —BLACK: REPRODUCTION -MONGOLOID:MAX.INFORMATION

Erectus   Neanderthal   1500 cc   Sapiens

100.000 *Energy*   *Balance*   *Information*

Technological information selects only informal
1 m Homos that extinguish less technological species.   Homo   Erectus
                                                              ±1000   CC.

Paranthropus   Homo   Homo ergaster
robustus   habilis-rudolfensis

2 m.   *Energy*   *Balance*   *Information*

                        Australopithecus
                        africanus   Australopithecus
Paranthropus   afarensis-garhi
aethiopicus

3 m.   *Energy*   *Balance*   *Information*

5 m.   Gorilla   Chimpanzee   Australopithecus ± 500 CC

       Energy   *Balance*   *Information*   *Survival Arrow:*
                                                   Increase Information

                      Mr. APE

- In languages i used the same formalism, (here very simplified in its enormous beauty and capacity to explain all Universal phenomena), to explain the syntax of all grammars that followed the ternary principle of those 3 time ages, and its symmetry in geometric space.

For example, all verbal languages had the Universal grammar of I(informative subject) < Verb (action: exi)> E (object, energy of the subject).

All visual languages were coded with 3 colors:

red (energy color) < Green (balanced, reproductive liked by women) > Blue (Informative).

Even art forms, were coded with the same formalism.

For example, western music is written in a minor-major diatonic scale of 10 Intervals repeated 3 times with higher frequencies - the 3 scales of music; its bass-energy/treble-information 'relative dimensions of time', modulated by melody, while painting was just a bidimensional simplification of the information of a system.

Why languages reflected the 3 elements of all systems, was obvious. We humans use language to perceive and reflect the Universe.

Languages are all synoptic reductions of the 10 dimensions of reality to fit within the human language, mirrors-mappings of the Universe...

Since only God, the game of the Universe, was a painter in 10 Dimensions that created all kind of perfect systems.

We Humans were reduced to make D<10 partial theories with our mind languages of the total information of a system. So for example, Relativity was a D4 (Sx, Sy, Sz, T-present) analysis of the Universe, Evolution a D7 and so on.

It only remained to apply those codes to the understanding of History and Economics, which I did. So I wrote and published a book called, 'Bio-History, bio-economics: A theory of Unification', which explained Economics and History as a Superorganism of Humans and Machines in a process of evolution, where company-mothers of machines (corporations) and Human families with its 'reproductive values' and acted in symbiosis, as we invented machines by imitating our biological organs on metal (so chips are metal brains, cameras, metal eyes and so on).
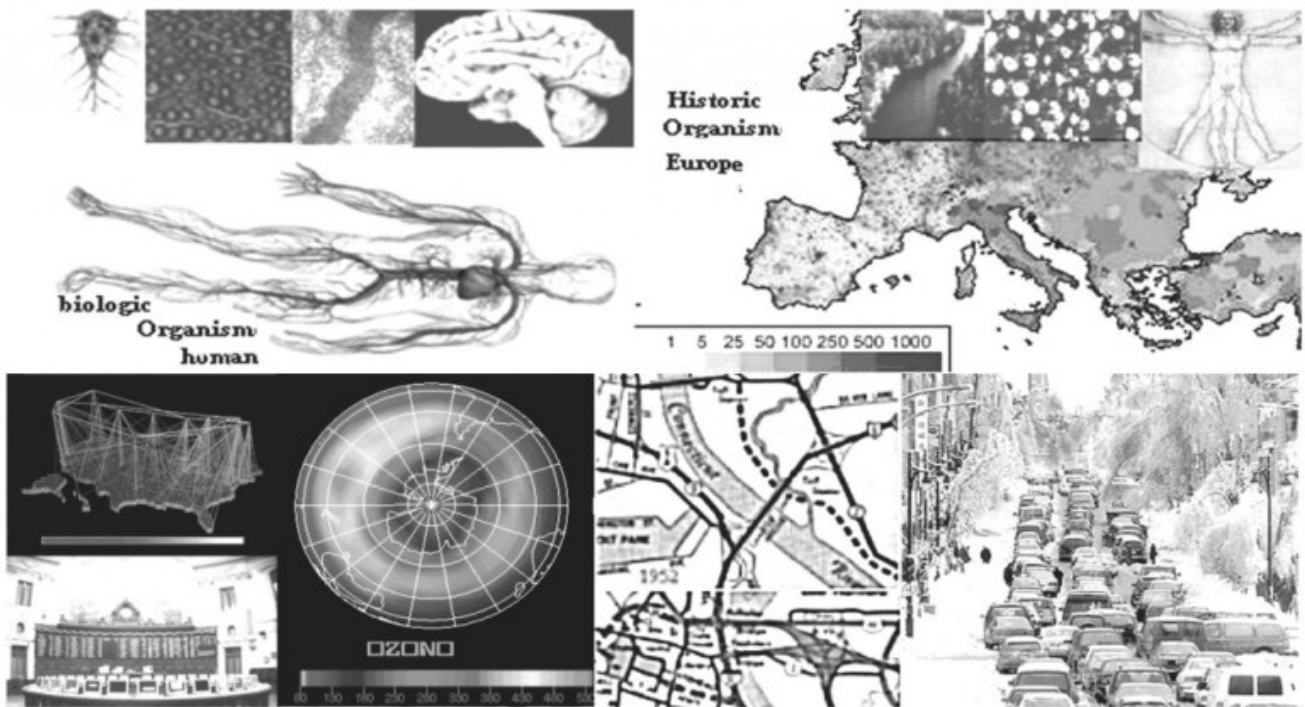
In the graph all socio-biological systems, including human societies as super organisms, composed of:

- A herd of similar, cellular species, which in a human society are citizens, joined by 2 type of social networks that serve them, by providing to all and each cell for free with the 2 substances that make up the Universe and its fractal systems, energy for the body and information for the head.

Thus we will find in all systems 2 cellular networks:

A dominant brain connected to Informative networks that inform those cells-citizens, in a language they all understand - verbal laws in human societies; nervous impulses in biological ones, to guide their collective actions, evolving them into a social superorganism.

Thus those informative systems deliver two informative dimensions to all its cells: the simplex dimension of information and the complex dimension of communication and social evolution of selfish individuals into peaceful, stronger, coordinated wholes.

And we will find an energetic network that provides those citizens cells with enough energy to feed, protect and reproduce the organism.

So the energetic networks also deliver for free the two energy related

dimensions of life: the simplex dimension of energy, food and protection for the body and the complex dimension of reproduction that allows the system to survive beyond death.

In the human body those energetic networks are the blood and digestive systems, which deliver to all cells a Universal salary of oxygen energy so they can all, feed and have enough energy to reproduce.

In human societies, those networks are made of digital, monetary orders that initiate the productive process of the economic system, made of factories, roads and river veins that produce the food, and welfare goods, we humans need to survive.

And so a healthy human superorganism should deliver to every citizen-cell a Universal salary in blood money. So they can demand to the economic system the production of those life-based welfare goods, and be able to work and enjoy their 2 simplex dimensions of life, feeding and perceiving, and its two complex, social ones, reproducing and forming part of a society, as Nature does with all the cells of its superorganisms.

Further on because the 'world cycle' of the 3 ages of time was similar in all systems, we could predict the future not only of species but also of machines built imitating living organs, and the ages of history...

Thus the model thus could predict the evolution of economics as company-mothers evolved, reproduced and protected machines, adapting the Earth to its image and likeness, while governments tried to do the same with human beings (welfare states), and both competed in labor and war fields.

So I did 20 years ago a series of predictions, as we were moving from the age of chips into the age of robotics (when we would put together bodies and heads of machines and competition with humans will increase). I predicted the 2008 crisis of overproduction of electronic money with those chips, the labor crisis due to white collar pcs and blue collar robots, the age of neofascism promoted by electronic surveillance and robotic weapons, and the ushering of mankind in its 3rd age, prior to a likely extinction, as we were devolved, atrophied and substituted by the new species, which would imply a general degeneration of human beings, specially in their minds, a neo-Paleolithic age, of violent, old humanity, which as old men regress to their infancy, would become monstrous ego-centered children without any i+1 social connection.

And since I am human and wanted to survive, I used the laws of the fractal organic 10D Universe to design the proper solutions to that global human degeneration, and designed a perfect world, a perfect human super organism which would be immortal and would use machines for its benefit, pruning the tree of science of its lethal goods, and promoting a paradise on Earth, in which human bio-historians, in an Asimovian manner, would use the equations of Complexity to create that perfect world, reversing the process of life and human extinction, creating a sustainable world.

Yet our world is not such a perfect, free democratic, demand based economy, but a hierarchical aberrant, inverted system, in which money is issued in near monopoly by a people-caste of private bankers, which are not elected, live isolated in their ivory tower of digital thoughts and have zero social responsibility to the cells of the body. So they act as a cancerous greedy organ or parasite does in a sick body, absorbing all the blood-energy of the system, which they misuse for all kind of power trip adventures and megalomaniac dreams, while the majority of the cells of the body suffer scarcity, even starve to death.

And so I had spotted the nature of the sickness of the world. It is called capitalism, a system built, the wrong way round, which happens in Nature only with cancerous or parasitic systems that if not cured in time will kill the global superorganism and its human body cells, provoking also the collapse of its crazy head, in wars and holocausts as it did in the past.

Since not a single social superorganism, in which the head does NOT serve the body and provides its cells with the human goods its needs, through the energetic networks of society, for the common good survives for very long.

And that is why, when we observe nature, all physical, technological, biological and social systems have the same efficient dual design, as those who lack the proper design are wrong mutations and aberrant forms that die away. And this is indeed what is happening to our world. We are dying, entering the last age of our existence because we have not accepted the laws of super organisms, and constructed a better system.

Ultimately of course, what I have done in sociology was not different from the social messages of love - the sharing of energy and information - proper of those love religions, or the intuitions of natural law, ethics and socialism embedded in the code of the human subject-centered languages.

Why, then if so many social scientists have spelt in different ways those laws (from love religions to socialist writers, from Plato to this complex scientist), none of them had ever triumphed?.

We lived in a corrupted world of placebo democracies, which could be properly reformed to become efficient and just. And we were under the boot of parasitic financial corporations that ruled us and had to yield their monopoly on the issue of money to all the humankind. And this is what I preached and tried to teach in Universities. And of course, during the 20 years I lived in US, none of them were, have or will ever be interested on a true science of finances, economics, politics and history. They are not scientists but ideologists of the machine and the religions of Go(l)d of their 'owners.

There is thus a clear problem, to achieve the perfect world, which explains what happened next and ever since with my work - a law of silence, as that which covers most activists for humanity.

Or in terms of complex 'epistemology', what I termed the '*anti-quantum paradox' of social sciences*... The fact that in an inverse fashion to the uncertainty of quantum systems, too small for the scientist to observe, social scientists are too small and live within the super organism they explain. Thus *t*hey are under the control of the informative and energetic networks, the politic, legal and economic, financial systems they describe and try to 'improve'. In other words they face the repression of the human people-castes, which selfishly control those super-organisms for their own profit, preventing the future of history to thrive.

And so to explain the fundamental duality of Human 'cultures', the i+1 scales of our species, between 'cultures that care for mankind and life' vs. cultures that care only for money and machines, I had to return to the study of languages, and consider what was wrong with 'America'. Since obviously living there, and having worked in the East and west coast, in Wall Street and Hollywood and Silicon Valley, from where i was often giving conferences on the hard-science aspects of systems theory.

And what i discovered is that 'languages' had different 'syntactic orders' that defined their values. And that while the Americans were individually human beings, caring and in many ways far less racist and far more generous than the Southern Europeans or East Asians, who cared far more for life and the welfare state humans need to survive; they have adopted a language 'money' as the supreme language of mankind, whose syntax values enslaved human beings and made them objects.

And that simple fact, already noticed by Tocqueville in 'Democracy in America' - 'no other nation in the world loves so much money as the Americans do', is what made America an inhuman place who would never care for the future of mankind.

Indeed, languages can determine how those 3 'components' of all systems (nt.1) are related to each other. And human languages always make man the subject. And this is what makes the law and ethics (the love for man) the best way to judge the actions societies must follow. Since other languages do not favor man.

And that is the case of money, a digital language, whose syntax writes:

Human = money (salary) = Object (price).

So man and object becomes the same. Humans under the values of money and its hidden syntax thus become 'human capital', labor, money, objects that can be sold, degraded and treated as slaves:

In the graph, the informative values of Words and Money are opposed. The most expensive species are the most evil, harmful to man [weapons]. While the best verbal goods [love] have no monetary value. This paradox can only be explained within Theory of Evolution, as an opposition between victim

Species	Carbolife [Human]	Metalife [Machines]
Language	Words [Verbal values]	Monetary values
Positive +	Good-Love [cheap]	Expensive [weapons-Evil]
Negative -	Evil-Hate [Expensive weapons]	Cheap [Human goods]

and hunter, which are in a Universe of subjective information the truth and antitruth of each other. Because weapons pray on men, we feel them evil. Yet weapons and money are symbiotic metal-species. So weapons reach maximum monetary value.

Cultures thus were based in the languages they hold supreme and determined their values. Countries where 'the law' was above money, where the 'informative, nervous language' of mankind was above the blood, reproductive language of money, were superior cultures and had human values as societies, even if individually we were all humans. So Americans could be an inhuman, mechanic cult(ure) of Go(l)d at the i+1 scale of social existence even if individually I could perfectly enjoy the human company of Americans.

Simply speaking, they had abandoned their founding fathers, legalist, enlightened, Latin-European, social-Christian 'French" way of thought

and returned to the 'go(l)d' biblical primitive Yvwh cult(ure). They were no longer at the i+1 scale, rational beings, but 'believers' in the wrong values of money.

And that is why if you 'follow the money' you can find all the causes and reasons of reality, that is why indeed what you will read is a science in its epistemological sense - a theory that can predict the future. Because money is a program, a mathematical digital language that evolves machines and machines evolve as metal-organisms, and so as long as humans put money above the law, the reproductive economic system above the nervous, legal one, and do not consciously control the world, world stock will rule them towards a non-human future as slaves of the value of money, which as the graph shows, give maximal value to weapons, the most perfect machines that kill life, which has minimal value - a bronze salary equal to the productivity of a machine.

Thus after this introduction that 'introduces' the verbal languages of man in the context of the Universe and history we shall now concentrate into its study as a scientific discipline.

I. Language within the 10D super organism of mankind

The Superorganisms of history, nations and civilizations, as all social, 'cellular systems', have an energetic, reproductive and informative network that organize its 'human cells'. The energetic network is Gaia, planet Earth, the re=productive network is the economic system, and the informative, 'nervous' network is the verbal language.

We thus can study verbal languages with the tools of Complex Sciences, and the formalism of 10 Dimensional systems, to understand its structure and purpose.

That purpose is obvious. As nervous messages coordinate the collective actions of the cells of the body, collective human actions are created with wor(l)ds, verbal languages of information that order a community of human beings into a social network of common values and actions that create the nation or civilization. Thus, it follows that the highest expression of those words that create human worlds are the Law, in its religious or civil form.

This has been known for long. And so the 'proper' harmonic, equalitarian orders that words give to humans have been called the 'natural law', or the 'ethics of love' that make people share energy and information and act together for the common good.

In the jargon of Complex Science and its 10 Dimensional analysis we talk of 'i-dimensions' as the social, scalar dimensions that gather 'cells' into whole individuals and individuals into whole societies. Then we can qualify any partial study of a system in terms of 'ceteris paribus' analysis of the whole system within a limited range of those scales. So in medicine, physiology would be a D2, $\sum i\text{->}i+1$, analysis of the relationships between cells and social networks (nervous, digestive and informative systems).

In the same manner we can consider verbal ethics an $\sum i\text{->}i+1$ analysis of the correct verbal mandates that coordinate humans. And it would be the 'highest' level of understanding of words, in its social context. We call this 'endeavor', the 'ethics of the wor(l)d', as it allows words to construct a *perfect world.* And it is the subject of study of other posts under that name.

Ethics, the foundation of the social law, thus becomes the key element to create a healthy, wealthy human superorganism.

To notice that 'complex analysis' is a kaleidoscope of different views, which can multiply our perspectives and knowledge. In that sense ethics would be defined as an i+1->i, 'causal analysis', in as much as the point of view expressed comes from the 'higher' scale of the super organism of history. The language then becomes a tool, and its linguistic syntax (the i-scale of analysis) secondary to the 'message' of social love proper of all super organisms, translated here to the human collective nervous language.

Yet we can do more detailed analysis of words in other scalar levels and from other point of view. For example we can study i->i+1 relationships, considering how the i-level of words as a language that reflects the Universe in its syntax and semantics influences the i+1 level of cultures. How for example the use of I, the subject, at the beginning of sentences in English creates and ego-centered, free, egoist psyche, proper of the Anglo-Saxon culture. Here the study considers the 'inverse causality' to that of ethics, from the i-linguistic level to the i+1 social level.

We can also study only the i-level of words, isolated, considering its inner structure and Universal Grammar of languages as 'tools' of perception of the causal laws of the Universe.

And we can even do a lesser i-1 analysis of words, considering the elements of those sentences (phonemes, sounds, semantics), in relationship with the physiology of homo species (so we will find consonantal languages, proper of European, Neanderthal, mixed races, more vocal languages in the extreme Indonesian world, etc. etc.).

All those and other perspectives of 10D analysis applied to verbal languages are the realms of the 'science' of linguistics, which is concerned merely with the i-level of the language, without reference to its social meaning.

This article concentrates not so much on ethics but on linguistics, specifically on the influence of syntax on culture, and the 'genetic relationship' with the different 'races' and typologies of human beings.

Thus, we depart from the i-scale of linguistics, adopting its point of view

- not that of ethics, but a more technical analysis of the relationships between the syntax of language and the nature of cultures.

In the jargon of 10D we say that we depart from the 'i-scalar dimensions' of those human social super organisms (the individual scale of the language and its inner structure).

And we apply it to understand different human cultures, as human languages are not all the same in their syntax and influence in this manner cultural views. Of course the field of 'ethics' (i+1 p.o.v. on verbal languages) and linguistics (i p.o.v.), which are the two essential branches of verbal language sciences is far wider than the sketchy analysis we make in this page. So we just make an introductory 'first chapter', dwelling on the fundamental socio-economical and cultural aspects that are the main theme of this web (the 3rd level of analysis, i-1, phonetics, physiology of sound speech, etc. is of lesser importance, as in any discipline, the i-1 scale is. So for example, in medicine, we do not study cells as independent 'phonemes' but physiology, the i-scale; though at the present age of human self-extinction and devolution an interesting branch of study would be the 'devolution' and extinction process of human languages, which is regressing to 'minimal speech' and simplification of grammar, as in the 'Sms texting', the reduction of vocabulary and linguistic capacity of our 'visual, neo-Paleolithic kids' etc. etc.)

2. Precedents in classic linguistics.

If we accept the concept of a Universal Grammar (Chomsky), made of human subjects which act through verbs into an object, the main influence of syntax on culture is caused by the relationship between those 3 elements which will determine the view of man on himself (the subject), on the external reality (the object) and on the way it relates to that external Universe (the verb).

Thus Universal grammar bring an inner structure that shapes also the civilization according to the ways those languages handle the relationships between man, the subject of the sentence, his actions, the verbs, and the result of those actions in nature and our property and instruments, the object.

Thus Culture and language thus have a close relationship as Herder and Humboldt foresaw. In this post we shall classify cultures and the collective subconscious minds they bring to their cultures.

The mind of man and its program of behavior is written in the syntax of its grammar.

Humboldt (2) and Herder were right, the grammar of languages is the program of the cultural world.

I used to be a pen pal with Chomsky in my youth, since he was fond of my 'General Systems' theory of the Universal Grammar and its ternary elements, which are parallel to the 3 elements of all sentences, he described as:

Subject (Information < Verb (action) + Object (energy of the action).

So for example when we say I eat bread, 'I" is the subject or informative pole, that 'eats', the verb or action, 'bread', the object or energy of the verb.

And so all sentences write as:

Human=Subject=information + Verb=Action + Object=Energy.

This I told Ch. was a reflection of a much wider Universal Grammar, that of all languages of the Universe which have 3 components:

Informative pole < Action of energy and Information, exi > Energetic Pole.

Since in General Systems Sciences, the science of all sciences that defines all the logic systems of the Universe all systems are composed of an Energetic and Informative pole, which mixed together create the 'actions' that exist in the Universe.

So for example you are made of a head of information, limbs that process energy and a body that mixes both and reproduces you.

And all physical, atomic systems are ruled by the same ternary structure: particles of information, fields of energy put together into complementary systems (quantum principle of complementarity).

So I told Ch. that his Generative Grammar was just a case of the Universal Grammar, as Humans observed 'actions of energy and information' and described it with languages. But he had to break his systems made of Subject <> Verb + Object, into 3: Subject < Verb >

Object and then from that ternary grammar, start to understand how languages reflected the world and created the 'different worldviews' of humanity.

What Chomsky got wrong following on the work of his master, Harris, was the way he divided his Universal Grammar's sentences first only in 2 elements: subject on one side, and verb-object, that he put together on the other.

We can put together the 2 great schools of linguistic thought; the school that dominated before Chomsky, who believed that Languages were psychological reflections of culture and worldviews and so we needed to understand their knots and bolts to figure out how cultures view the world and how they behaved with it (Humboldt's hypothesis popularized by Whorf (2)). And the now fashionable Chomsky's generative grammar.

Yet the proper way to evolve linguistics is to put them both together, mix disciplines and achieve by communication between both truths a higher truths, which is what we do in General Systems.

Which is what we shall do, departing from the ternary 'Universal Grammar' of all systems of the Universe, made of two poles of energy and information, combined into 'actions', then going to its translation into verbal grammar, and finally classifying all possible combinations of Subject-verb-object to realize how *the order of those 3 poles of reality define the character of cultures and nations, observing this fact in parallel with other "Universal grammars' of reality, specifically the 'different animal species' in which the 3 components, the physiological systems, nervous head, 'blood-system' and energetic, digestive system are organized.*

As one of the biggest pleasures of Universal Systems is to observe how the 'Generator' equation, Information < Action > energy, establishes similarities between all entities of the Universe.

3. The generator equation of the Universe.

All what you see in reality responds to a dual structure: Entities of Nature are complementary systems of simplex networks of energy and information, which combine to form a complex system that switches and merges both states. In the process the system might reproduce an entity self-similar to itself. And this is the definition of an organism, reason why we affirm that reality is dual and organic.

In Physics all what exists are particles of information associated to energetic fields that move them, and only both together exist (Complementarity Principle), creating a physical entity, which can decouple creating self-similar particles.

In Biology cells have a DNA nucleus of information, surrounded by cellular cytoplasm that provides energy to the nucleus; or an informative head moved by an energetic body. And only both together can exist, creating a biological organism. There are no bodies without heads and red cells without nuclei die faster than any others. And cells and organisms can reproduce self-similar forms.

Finally, in the economic ecosystem money acts as the informative language that gives orders to the physical economy, which reproduces all types of serial machines.

The Universe is made of actions of energy and time. Where clocks of time, carry the information of the Universe in its cyclical patterns (remember time is cyclical), and forms with in-form-ation.

So for biological systems instead of writing the usual Einstein equation, ExT=K, we write the quantum version ExI=K, where K is a constant action.

And this is the structure of all entities of the Universe.

A = e x i; Action = energy x information: fundamental event/unit of all systems of reality.

Since all real physical, biological and mechanical systems are those who transform back and forth energy and information, between their two poles: E<=>I. We formalize all Dual systems and events of reality born of complementary networks of energy and information with an Equation we call the 'Fractal Generator of Reality': $\sum E<=>\prod i$.

As we claim this equation resumes all the events and forms of the Universe.

And its fundamental 2 modes are the dynamic, flowing temporal mode: E<=>I, and the static, organic, spatial structure, Exi=Action.

So for example a woman, dominant in information and a man, dominant in energy, in flow state making love, E<=>I, exchange their exi genes and

create a child, generating it. While in spatial terms, a woman is made of an informative head, an energetic limbs and a reproductive body, and internally she has an informative, nervous system, an energetic digestive system and a reproductive series of organs.

All realities are thus generated by the fundamental equation of systems sciences:

Exi=constant system (spatial view) or e<action>i (dynamic view)

For example, in 'mathematics', in topology, in a 4-Dimensional there are 3 Universal forms, hyperbolic, informative shapes, cyclical, toroid ExI shapes and planar/spherical E-Shapes,

And we talk in physical sciences of:

- Informative Particle – reproductive wave – Field of energy.

And we talk of:

Informative head – reproductive body – Energy limbs on Biology.

And so on, an so on.

Thus, the key to understand the meaning of language is to divide properly all grammars into its 3 elements, which *reflect in the human mind, mirror of the Universe, the 3 essential elements of it that put together create the 'Generator Equation of all complementary systems of energy and information of the Universe:*

Information < Action > Energy.

Which humans perceive in verbal terms as:

Human Subject < Verbal action > Object, energy of the Subject

This is the justification of linguistics.

So we first introduce the 'Generator Equation' of the Universe and all its systems and then focus in linguistics, how they reflect the ternary systems created by that generator equation and which are its 'main varieties' and how those varieties of the Universal Grammar apply to understand the 'character' of cultures. We shall introduce of the hundreds of pages I have

in this essential meme, some insights in the relationship between languages, evolution of cultures and character.

We shall study how the 'laws of general systems sciences' generate the mental cultures of mankind departing from the simplest structure of all languages that mimics the Generator:

Subject (Information) < Action (verb) > Object (Energy).

Since all those features of the Fractal Generator of Ternary Systems apply also to Languages, which reflect their perception of the Universe.

Further on, informative language dominates energetic body actions, shaping the behavior of cultures. Since information dominates energy in all systems. So your head dominates your body and a particle dominates its physical field.

Thus Linguistics is part of the universal grammar, of the logic complex structure of Systems and follows the same laws of creation.

The Generator Equation of Reality will allow us to derive a set of rules from where to extract the properties and laws of all disciplines of science, each one specialized in the study of the entities of energy and information of a certain scale of reality, from the smallest complementary entities studied by quantum theory to the biggest one, the Universe, a system of galaxies related by networks of dark energy and informative, gravitational forces. We can, departing from those concepts, define also the Universe and all its parts:

'The Universe is a fractal, organic system, which reproduces complementary, social networks of energy and information that self-organize themselves in bigger, self-similar scales'.

If you really want to reach peace, intellectual wisdom, nirvana and enlightenment try to understand the section on General System sciences (-; it is a pity humanity will go under without having understood the Universal Grammar of all i-logic entities of the universe.

Now departing from this generatrix Equation, IE, applied to the Universal Grammar, I have written hundreds of pages of studies of all languages

and what they express in character and the ways of interaction between the human 'subject' that speaks the language to express how 'he acts in the Universe' and the 'Objectual world' upon which he acts through verbal actions.

<u>The laws of generation of reality. Basic combinatory of General Systems.</u>

How then the generator equation creates the different systems of reality?

There are several forms in which the Generator 'decouples' and splits in different 'varieties' of systems, which correspond to the processes of creation of different physical particles (quantum generation), biological species (Plan of evolution), and linguistic species (cultural differentiation).

Now the simplest, most obvious form in which to generate 'varieties' of any type is to apply the combinatory laws of mathematics to a system with 3 elements, the Inf<Act>Ene systems of reality.

The result are 6 fundamental combinations, which are common to all disciplines of science.

Indeed, if you have 3 elements, I, A, E (Information-action-energy), then you can combine them in the following orders:

IAE, IEA, AIE, AEI, EIA, EAI

which give birth further to '6 varieties' of geometry in the 5th Dimensional Universe. And in Physics quantum particles form 6 essential systems of particles and antiparticles in its 'families' of mass and electrons and in Biology we find 6 types of basic animal forms, and so we shall find 6 basic varieties of languages, which are studied by Typological Linguistics, called the SVO, SOV, VOS, VSO, OSV and OVS varieties.

Now in this post on General Linguistic Systems, we are mostly interested in the way verbal typologies define cultural and mental behavior among human beings. Thus we shall study the way the order of languages recreates the human mind. To further understand this categories of cultural minds, we shall relate them and name them not only as linguists do (the previous SVO, etc.) but we shall introduce a far more 'descriptive' characterization proper of this researcher, based in the homologies that the General Systems Science imposes between parallel systems, by tagging and comparing the 6 varieties of mental linguistic

order with the 6 varieties of 'animal forms'. Indeed, one of the fundamental tenants of GST (General Systems Theory) which other philosophies of science ignore is the 'homological nature' of all 'varieties' of the Universe as all of them are fundamentally evolved systems that combine the 2 primary substances of the Universe, energy and information, whose properties are thus essential to all other systems.

So let us consider the 6 Universal varieties first, and then the 5 linguistic typologies that we shall call 'evolved, free flowing mammal and bird languages', 'chained, slave reptile and insect languages' and 'primitive, minimalist, bacteria and virus languages'.

Yes do not rise your eyebrows, with the usual egocentric beliefs of human beings as an entitled species who must be treated nicely, and never be understood as some special 'god-like' reality that does not obey the laws of science. This political and economical censorship that 'invents' the nature of man, without wanting to know truth as it is does not apply to this blog.

And if you finish this post without such prejudices, what i can tell you is that you will understand much better cultures and how and why they behave as they do.

To state first that there are many more aspects to the synchronic and diachronic analysis of Linguistic categories we shall do (itself a small part of the entire course of General Linguistic Systems, which applies many more laws of GST to explore the nature of the human mind and the parallelism between:

- Genetics/races of mankind and its 3 typologies, informative Mongolian races, energetic, white races and reproductive, exi, action black races.

- Memetics, Human cultures (cyclical, eusocial, Mongolian cultures, individualistic, white cultures, and sensorial, black cultures)

- And linguistics, the point we stress here.

4. The generation of human languages. Linguistic topology.

How the generator equation creates linguistic entities.
The 3 essential elements of the Universe are therefore reflected in all sentences, as all sentences narrate actions performed by men over objects:

Information (subject); verb=action; Object-Energy

It would be in the other language of 'numbers: X (subject) < operandi > Y (object).

What Chomsky missed is that the 3 elements must be separated to truly understand the rules of 'generative grammar', which are the same rules that generate any system of energy and information in the universe.

Since, as all in the universe human language is ternary, as anything follows the 'universal grammar' of the 'generatrix equation of all fractal systems of energy and information', which i discovered and formalized in systems sciences.

Now this is well known to linguistics, creating a key concept of classification, called linguistic typology:

In linguistics, **word order typology** is the study of the order of the syntactic constituents of a language, and how different languages can employ different orders.

There are six theoretically possible basic word orders for the transitive sentence:

• Subject–verb–object
• Subject–object–verb
• Verb–subject–object
• Verb–object–subject
• Object–subject–verb
• Object–verb–subject

These labels usually appear abbreviated as "SVO" and so forth, and may be called "typologies" of the languages to which they apply.

Now, what they tell us about mankind starts to be clear, when we analyze the abundance of those typologies among human cultures:

| Word order	English equivalent	Proportion of languages		Example languages
SOV	"She him loves."	45%		Japanese, Latin, Turkish
SVO	"She loves him."	42%		English, Mandarin, Russian
VSO	"Loves she him."	9%		Hebrew, Irish, Zapotec
VOS	"Loves him she."	3%		Malagasy, Baure

| OVS | "Him loves she." | 1% | | Hixkaryana |
| OSV | "Him she loves." | 0% | | Warao |

Humans, this proves are 'self-centered beings' for whom the Subject must come always before the object.

Indeed the dominance of Subject languages is overwhelming. In 87% of languages subject comes first. And among those the most successful (2/3rd of speakers) are SVO languages, for reasons we shall study now in depth.

Now this responds to the laws of the Universe, where the 2 natural forms of order are Information < Action > Energy or 'temporal flowing order' and Information x Energy = Action or Spatial fixed order. So this law of linguistics is in homology with the higher laws of general systems sciences, let us then study those 2 fundamental forms of human languages.

5. Wor(l)d Views: Verbal Mind, Human Races and Cultures.
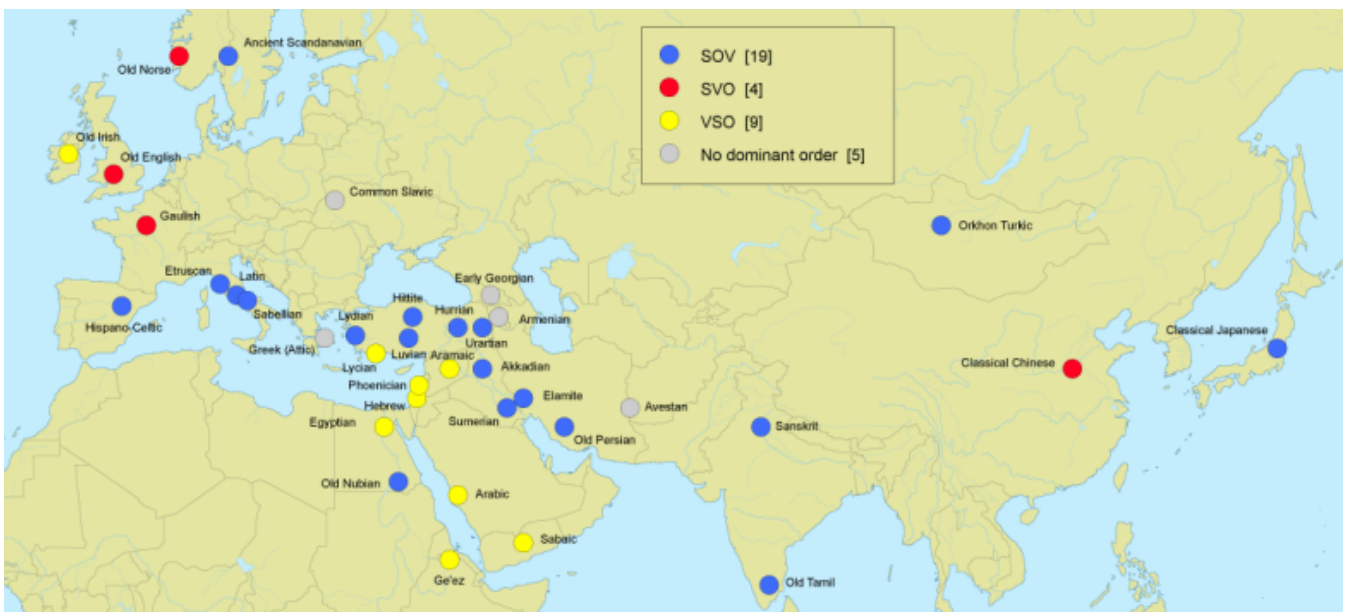
In the graph, the Universal Grammar that constructs all Systems of the Universe, with its 3 elements, Information (subject) < Action (verb) > Energy (Object), defines also the Universal Grammar of all human languages.

So there are 3 fundamental orders of those 3 elements that define most languages of mankind:

- VSO languages (Imperative Order, Semitic, 'religious' languages) <

SVO (Active order, balanced, African, Chinese/Romance languages) > SOV/OV (Passive Order, warrior, cold, objectual languages).

They are the origin of the 3 fundamental world views of mankind, the 'greedy', self-centered world view proper of the capitalist world; the balanced, humanist world sensorial world view, and the Warrior, Objectual, Industrial world view (Germanic, Japanese culture).

Thus the 'view world' of each human mind species is reflected in the languages, according to the hierarchical order of those 3 elements.

Animetal cultures dominated either by money or weapons are the unbalanced worldviews and word orders:

- Fundamentalist religions and those capitalist religions dominated by the 'blood/monetary language' and earlier civilizations, with lesser freedom and maximal metal-control, proper of the Bronze Age have kept, specially in its 'sacred texts', the VSO order. It is a hierarchical order with the Verb (action) on 'top/first place' of the sentence. They are 'imperative', action, 'greedy', materialist cultures, proper of Semitic languages

- Warrior cultures and objectual cold-hearted cultures in which the subject can even disappear as it does so often in Japanese, are SOV orders.

- While sensorial, humanist cultures; today the Chinese in the East, the Romance language in the west (and English influenced by French) and the African languages in its totality show the most proper SVO order often with 'Imperative' and 'Passive' voices for certain situations.

In the graph, the distribution of ancient languages according to its order: classic Semitic, 'religious' imperative languages are VSO languages, confronted to its 'inverse' SOV, warrior languages, as their cultures were. They represented the 2 extremes of the animetal, eternal dispute between 'cold warrior and 'greedy trader' societies. Among the classic languages only Chinese and Gaul, the 2 more 'life-oriented' societies of the Western and Eastern decoupling, even today, had the more evolved, flexible SVO 'mammal order'. While the 2 most sophisticated 'Indo-European' languages, of higher evolution (due to its allopatric evolution in the 2 regions of original development of Indo-European languages, the Anatolian peninsula, from where it radiated during the Neolithic, and the Russian steppe, origin of the Chariot second radiation), Classic Greek and

Russian, permit the maximal flexibility with multiple word order. So do today the Romance languages evolved from Latin

It is not by chance that in the East and West they represent the summit of human thought and search for human freedom and maximization of art, literature and r=evolution (French, Socialist aborted r=evolutions). While in the East China is the only culture in which man and the law still dominates though in a process of extinction, the power of weapons and money.

 The parallelism between Universal Grammars and human cultures.

In other posts of this web we have studied the correspondence between the 3 dimensional axis of the human brain that give origin to 3 types of minds and worldviews:

- The visual, dolichocephalic 'white', energetic worldview.

- The verbal, brachycephalic, wide, mongoloid, informative worldview.

- And the tall, emotional, 'black', sensorial, artistic worldview.

We can add now a final 'category', in the study of the 3 dominant languages of mankind and its grammatical order. Since languages have 3 elements too. The Informative Subject, S, the Action-Verb, V and the Object-Energy, O.

So typological linguistics talk of 3 language orders that dominate human languages; the Passive, Imperative and Active voices:

- SOV order or 'passive voice' where the object-energy is the center of the language. We shall call them, energetic, 'passive', objectual, 'ergative' languages, such as German is. Those 'cold', passive voices are objectual, cold languages, proper of 'warrior' cultures, dominant in the white dolichocephalic worldview. They are proper today of the Germanic-Japanese 'objectual' worldview, in which the 'machine-weapon' and its production is the center of the Industrial Universe.

- VSO, 'imperative' languages, in which the verb-action is first and the selfish subject is in its center. Proper in the past of Semitic cultures, corresponding to the informative worldview. They are dominant in Abrahamic, 'sacred' texts and explain the selfishness of the 'Jewish culture' and the 'Fundamentalism' of the Arab World, the 2 unbalanced,

financial and military cultures that are at present destroying 'imperatively' the world.

- SVO languages, balanced languages, in which the verb-action combines both elements. They are dominant in the most evolved languages, those who have suffered less the 'influence' of weapons and money, the alien languages to the human mind. Today they are dominant in Black Africa, but also in the Chinese and Latin, balanced world of man.

It is thus needed only a final element to fully understand the harmonies and parallelisms between the 3 dominant 'species' of mankind - the linguistic point of view, and the origin of those 3 forms of thinking, those 3 worldviews, those 3 typologies of being human And we shall study them within the context of the larger 'ternary' grammar, proper of all complementary systems of energy and information of the Universe:

Information Pole < Action Exi > Energetic Pole.

Indeed, you exist in a Universe of only 2 elements, energy and information, which combine to create the infinite complementary systems of reality and its 'actions'. The Universe is an spiritual reality made of 2 type of motions; lineal motion or 'energy', E; formal, curved motions or 'in-form-ation' and its combined Action.

And this is the ultimate truth from where all other truths stem.

So in physics this is called the Law of Quantum Complementarity that defines all systems as dual states, made of 'particles of information' (which we have seen to be cyclical motions, masses and charges with the form of a vortex or 'clock of time'), fields of energy (which we have seen to be lineal motions, gravitational and electromagnetic forces), which combine to form physical actions.

And in biology is called the physiological structure of all living beings made of a cyclical head/informative/nervous system; an elliptic body/reproductive/blood system and lineal, moving limbs, the energetic system.

And in the mind of man is the origin of those 3 orders, the VSO, Imperative, 'Blood', greedy languages; the Balanced, SVO languages; and the passive, 'cold', energetic SOV languages.

To fully grasp that ultimate 'essential mystique' of reality we shall

compare as an exercise of homological understanding of the parallelism of all the systems of the Universe, 'physiological' life typologies and linguistic mind typologies.

Let us then consider in more detail the 3 categories of Languages that dominate human worldviews. To fully illustrate its 'vital meaning' in those worldviews we shall establish an homological parallelism according to the fundamental 'law' of systems sciences - the parallelism between the 'diversification' of any species, according to the 'Ternary, Universal Grammar' of reality. As all are complementary systems of energy and information, that create 'actions' and hence all respond to the Inf<Act>Ene equation and its varieties.

So we shall study, the Parallelism between the varieties of languages and animal species, such as, the order of the 3 elements of languages corresponds to the order of the 3 physiological systems in life:

- The nervous, informative system corresponds to the subject.

- The blood=reproductive, active system corresponds to the verb.

- And the digestive, energetic system, corresponds to the object.

And so Mammal=Informative species are parallel to SVO languages.

Insect=Greedy, blood dominant species, correspond to Imperative, VSO languages.

And Reptile=Cold, Energetic, digestive dominant species correspond to SOV, warrior languages.

I know this 'parallelism and 'form of doing science' so novel to the reader as anything dealing with General Systems Sciences is, will put off many readers as a non-scientific approach. LOL. What you call science and I call technology, has NOTHING TO DO with the ultimate poetic harmonies of reality but with measuring and computing with machines, classifying every thing in its how, not its why. Try to upgrade your mind a little bit to a much deeper view of the harmony of all the parts of the whole.

Evolved active, SVO systems, flexible, 'flowing', balanced languages

The 2 most common universal systems according to GST (General

Systems Theory) are therefore:

Inf<Act>En systems dominated by Informative subjects whose goal is an 'action' established upon the energy system. This is the 'natural' most evolved order in the Universe in balance, corresponding to the 'mature' age of all evolutionary forms.

Those are the most flexible, feedback systems of the Universe.

InxEn=Act systems, dominated still by the informative subject, which however relates now first to the Object of energy, through the action. The object thus become the most important element, and so these are 'productive systems', in which the object is either devoured as energy or reproduced through the negative or positive actions of the Informative subjects.

Those 2 systems are the most common systems in the Universe, as they represent the two essential 'beats' of the Universe, between a 'temporal', flux, evolutionary state (Inf<act>En) and a 'spatial', fixed, organic state.

In Animal life systems, the 3 'elements' are the physiological networks of the organism; so we define a simple Generator Equation for Living Animal Organisms:

Nervous, Informative System < Action/Blood system > Energetic, Digestive system.

And we find 2 essential type of species, or phyla, where the nervous system dominates, the mammal which has an obvious order of:

Nervous system > Blood System > Digestive system.

And then the second most evolved species, Birds.

And so it happens in languages, where over ¾ of human beings speak mammal languages (SVO languages), even if in a previous less evolved time, SOV languages were dominant. Why there are no many 'bird languages' has to do with the obvious fact that man does not fly so there are no human birds. Still there are bird languages among humans and we shall consider why indeed certain cultures are similar to birds...

<u>SVO - Active, free Languages: Homologous to mammal, nervous, informative systems</u>
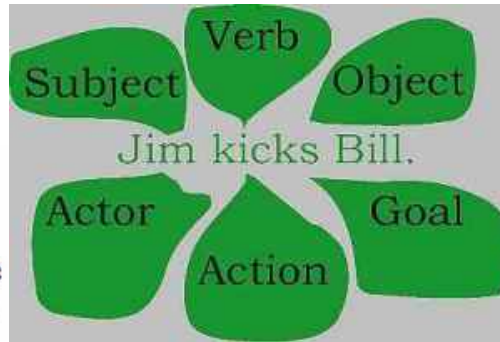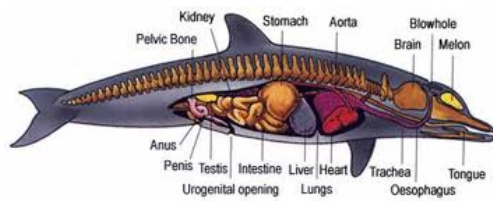
In the graph, Mammals are dominated by the informative/nervous system, on top of its physiological body, controlling the blood and digestive system in its hierarchical bottom. They correspond homologically to an SVO order of max. freedom.

SVO are Mammal languages since they position the nervous, informative subject first, the active, blood-verb next, and the digestive, object energy last.

In a Mammal, the most evolved organism, the informative system dominates the reproductive and energetic system. This is shown in the 'order' on the height hierarchical axis of its 3 systems, in which the nervous system is on top of the organism, coming first through a higher head.

In a parallel fashion in an SVO 'mammal', 'informative' language, the subject is the essence of the sentence, followed by the action-verb; and the relative energy of the sentence, the object is last.

Those are the most evolved languages of mankind, and according to the Paradox of History, Max. Human evolution = Min. Technological evolution, were predominant in the non-white races/cultures in harmony with the Universe, notably in the 'negro' cultures of Africa and the Mongoloid cultures of China. Those cultures show the most evolved forms of languages, with complex grammars, such as the multiple verbal construction of African languages; or the multiple tonal elements of Chinese.

Their maximal evolution also obeys to its allopatric evolution, isolated for long periods of time from the 'metal-deforming' processes of war cycles. Thus the Chinese isolated culture and the negro, isolated cultures who did not come in contact with metal till the I millennia before Christ, and did not suffer the constant ravage of war, plummeting them into new dark ages in which human evolution halts and regresses were able to

reach the final process of evolution of the human mind, which can be shown to be parallel *as in all temporal processes of evolution of a Fractal Generator System of the Universe, I<Ac>E, to the summit of human existence as 'mammal languages'.*

What is the difference between those 2 most advanced human civilizations? The answer is in the 'stress' they put on either of the 2 fundamental elements of the human existence, the 'subject-informative' element which is dominant in the Mongoloid, informative human race, and the 'verb-active' element which is dominant in the balanced, reproductive 'negro' (1) race.

African languages show their verbal complexity in the use of multiple verbs in the same construction; often using in a single sentence a verb attached to the subject and a verb attached to the object.

On the other hand, the 'isolating' 'ego-centered', subjective, informative Mongolian languages make of the human subject, the center of the sentence and find multiple wor(l)ds to define them.

Here though we can establish a division, between the I-centered, simple, White/Neanderthal asocial SVO languages, such as English in which the subject is the I, me and myself, latter studied in detail and the Mongolian, eusocial, informative subject which is the collective group, such as the Chinese or Japanese. But in both cases the subject is the center of the sentences, stressed more than the rest of the words. So the selfish English language has the I first and cannot write sentences erasing the I.

On the other island extreme of the Eurasian 800 years 'arch' of human migrations, the Japanese is also a subject language with multiple words to express subjects. But those words relate not to the ego of the individual but to the group, that is, to the individual subject in its relationship with all other human beings.

So in Japanese there are 'dozens' of Subject particles, each one different according to how the I-you-he-we etc. relates to other I-wes, etc…

Those 2 languages varieties thus correspond to the energy/information duality; in this case the energy/reproductive action languages of Africa vs. the Informative, subject languages of the mongoloid, informative human race, establishing again a parallelism between culture, race and language, so often found in this blog.

VOS Bird, contemplative, 'environmental' languages

In the graph, 'bird cultures' are seafarer cultures in which the VOS order expresses the fundamental form of life in constant motion/action over an immense overbearing environment, the sea, similar to the nature of bird life, always flying in the immensity of the air/sea world. Thus only Melanesian and Polynesian languages have this order.

Now a second category of evolved languages correspond to those who are similar to the structure of birds, the most evolved 'animal forms' after mammals. Birds are dominated by the environment in perpetual flux in which they exist. The air through which they fly, and the world they see. Thus while their physiological systems are an intermediate state of evolution between reptiles of cold blood and mammals of more complex nervous systems, the 'physiological subject is in their 'existence', which is what the Generator Equation explains, secondary to the 'action' of flying, the essential focus of the bird's existence and the environment or energetic ecosystem of air sustain and land perception that provides him the force to flight and the food to eat.

The bird lives to fly and observe the land in search of prey. And so its 'generative order' is:

Action=flying, Object: environment, and finally the subject, seemingly passive to the action and object it perceives.

And we might wonder, since there are no human cultures that 'fly', what kind of human culture lives in a similar fashion to that of a bird, dominated by a moving action over an overwhelming environment. Alas! Think for a while… Since the discovery of that specific culture-action was a moment of beauty for my mind…

Who lives in a changing environment similar to the air, in which all is moving and to dominate the action of sustaining yourself 'afloat' is the

maximal truth of survival?

Sea fearers. And indeed, the only VOS language of note in mankind, the only 'bird people' who masterminded long-distance travelling in earlier ages when their language was formed, were the Melanesian and Polynesian people who traveled far away in their tiny boats. And so the *most important VOS language by number of speakers is Malagasy, the language of the sea fearer people who crossed the astonishing long distances between Indonesia and Madagascar to found their new promise land.*

While in the other extreme Polynesian languages of long-range sea fearers such as Fijian also speak VOS bird languages and nobody else in planet Earth do.

 Thus the Whorfian hypothesis is rather inverse: it is the environment, not the mind, who first acts defining the shape it will take the language to maximize the survival possibilities of the language-mind in a given environment. In the idealistic world of Jewish->Capitalist scholars, such as Whorf, in which the socialist 'materialistic thesis' that 'economics' determine 'superstructures' (culture and language) is taboo, Whorf tried to pull out an inverse idea. That the mind of the language determines how humans see their worldview. This is not truth. It is just yet another ego trip of 'animetal cultures'. Man's mind is fashioned by the environment in which it survives.

So Bird languages appear with its odd order when the 'environment' of the bird-culture, the maritime oceanic people must adapt its linguistic syntax to survive better. When you are at sea, the sea dominates it all. The action of sailing is a fast-motion, fast-action, imperative world in which the captain gives orders/actions regarding the sea and the motion of the ship, the object, to a group of people, the crew, whose names matter nothing, whose lives are at risk.

And so the verb comes first, the object, the sea latter and the subject, the crew the last. And a sentence is more efficient when that is the order given by the captain. *In a situation of risk at sea, you do not waste your time with names and subjects. You must act imperatively on the object to save the journey.*

And so the Micronesian and Melanesian cultures that lived at sea and travelled the longest distances evolved their language to fit their job. And succeeded.

And this is the reason why the next category of language-cultures, that of animetal herds of 'warriors' and 'traders' did also develop

<u>Animetal, dehumanized, imperative, 'slave' languages: SOV<->VOS</u>

Languages evolved as humans were in contact with Nature and their own selves, into SVO languages, where actions harmonized the human subject and the natural object. This is the 'final evolution' of languages into its 'maximal balance' with the Universe.

However as History entered the age of metals, weapons and money, become the objectual source of power, carried by two 'barbarian' tribes, (Campbell). Semites from the hot desert to the South and Germanic tribes coming down from the cold desert to the North.

This brought about a clear regression of the importance of man in history, which ushered us into the modern world, where, 'metal' is more powerful than life. Thus money (Informative metal) and weapons (energetic metal) became the dominant memes which divided societies into an 'animetal' caste of bankers, warriors and of late scientists, which imposed with weapons and money slavery to man.

Among those cultures, the Germans specialized into weapons' use to control populations and came into history calling themselves 'Goths', God's tribe, because they could kill anyone opposing them. While Semites in Levant became enslavers of people hypnotized by the informative power of go(l)d, and called themselves 'God's race'. They therefore 'objectified' human capital as corpses of their weapons or slaves to their money. And so their languages became deformed into the two type of objectual grammars, where the subject lost its power position.

Thus syntax became essential to the characterization of the two leading animetal cult(ure)s of weapons and money of modern history.

we could say that the 'economics' of those cultures had deformed their language, arresting their evolution, specially in its 'sacred', 'religious texts' which have become 'fixed' into a primitive, imperative, non-evolved linguistic forms.

And we distinguish the dominant languages/cultures of warrior/metal-energetic/productive people or SOV/Reptile/Cold-hearted languages. Of which the German will be the paradigmatic example.

And the dominant language/cultures of Go(l)d/metal-informative people, its inverse: the VOS/Insect/Greedy languages. In which the classic Semite languages of Abrahamic religions, Biblical Hebrew and Arab will be the paradigmatic example.

To notice that those 2 categories of language have an opposition, energy/information, which makes them often 'enemies' in their worldview, as they attach themselves to weapons and gold, the metal energy and metal information with whom they try to dominate the world and so often those cult(ure)s collide in wars.

<u>Passive, objectual, cold SOV->OV languages.</u>

SOV Reptile/cold languages/ warrior cultures are languages in which the subject-nervous system are pegged and direct primarily the energetic, objectual system, while the blood-active system is secondary submissive to those other 2 systems and less developed. Those are reptile languages since that is the fundamental structure of Reptilian living systems, in which the nervous system and digestive system dominate the form, provoking a constant growth of the energy/force of the system without limit except death; while the underdeveloped system is made of 'cold blood'.

In the graph, the homology we establish between SOV languages and cold Blood, energy dominant physiological systems (reptiles fishes), is based in the dominance of the Energy/digestive/growth element or 'object' which acts in the place of the verb, which is far removed from the subject.

The object thus becomes the center of the action, which is cold, analytic and rational. Negative energy/war is also proper of this aggressive configuration, proper of warrior cultures, with little empathy towards the

other - a 'subject' objectified in its grammar. German and Latin, Turkish and Japanese belong to this category. Those languages are dominant in 'productive', hard-working, 'warrior societies', where the relationship between Subject and object, a cold, non-emotional, often agglutinative, imperative relationship of limited freedom enhances the detachment and sense of 'duty' of the warrior dominant caste. In the graph, a Japanese order system.

You can observe in the Japanese sentence that those languages, also called 'ergative languages' can in fact eliminate the subject and be dominated totally by the Object. They are thus the essential "passive', objectual, productive languages as Japanese and Germans are in their worldview.

Now, this languages are proper of 'energetic', 'warrior' cold-hearted cult(ure)s to weapons able to kill the 'other' seen as an object such as German or old Latin were.

If we observe a reptile, the informative system basically is dedicated to feed, and it does so in a violent, murderous way. This set of mind is the set of mind of the German/Roman warrior with its languages - though Roman is by far the most flexible, allowing multiple word orders, unlike German due to its agglutination of words into long lines, as their simple swords are.

Yet if war is the negative action of SOV languauge, the productive, Subject x Object positive action is the positive side of SOV cultures. So the Germans are indeed very productive people, dedicated to produce their mechanical, energetic weapons and objects with absolute zeal and null understanding of what for, and why they merely work and work and work, constructing if needed all type of lethal machines that will destroy us.

A reptile eats day after day, ever growing till it dies, when other reptile eats him.

VSO Imperative/Insect/greedy, trader Cultures/Languages.
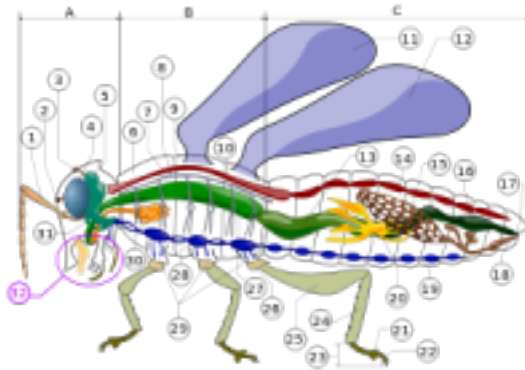
In the graph, 'imperative', VOS languages are similar to the 'insect' blood-dominated structure in life beings.

They are the essential languages of the capitalist worldview, born in the Hebrew->Biblical religion in which 'money' is go(l)d, and 'greed' the maximal value. An insect is ruled by the blood system, on top; which makes it an extremely active', feeding/greedy species with a strict, non-free program of behavior. Animetal cultures dominated by the 'blood/monetary language' and earlier civilizations, with lesser freedom and maximal metal-control, proper of the bronze age have kept, specially in its 'sacred texts', this hierarchical order with the Verb (action) on 'top/first place' of the sentence (VSO<->VOS). They are 'imperative', action, 'greedy', materialist cultures, proper of Semitic languages. Their sacred imperative texts are a series of Orders by an 'unnamed' subject, often lost in the sentence, which seems to be a 'God' that gives no freedom of action. They are ritualistic societies, in which the collective subconscious dominates the Individual.

We illustrate them with an ancient image of the Babylon->Babel tower, when all the languages, according to myth, were confused and the human species broke into warring states - an absurd construction of those who want to be more than God and are driving mankind with their imperative, dictatorial, greedy passion for money and weapons, towards our collective demise.

Finally, the 3rd dominant species of languages are the VOS Languages.

Those languages and cultures whose order of words is 'imperative', with the verb first – a form of language that more evolved ones use only in precise moments of danger or extreme hierarchical institutions, as it is deemed rightly an impolite, fundamentalist form of language – are, well I just said it, fundamentalist, imperative cultures.

And so among human languages, Semitic cultures, specially in their old 'sacred' religious texts, Hebrew, Classic Arab and their Abrahamic religions, are insect cultures.

When we observe an insect, it is totally dominated by the blood system. The order of the nervous and blood system are in fact inversed. Unlike chordates/ mammals where the top nervous system dominates it all, in insects the top region, where the spinal chord is, is occupied by the blood system, and the nervous, underdeveloped system is below. This inversion means that as in a Jewish->capitalist civilization, 'greed', 'gold', the active/productive element of the culture dominates it all. Further on, actions have no freedom. This is specially truth of the ritualistic religion of the Torah and Talmud. it does not matter the meaning of actions, prohibitions and rituals. The believer must act with the exact motions dictated by the priest, even move its hands in ritual forms.

It is finally an imperative, hierarchical, dictatorial form, which other languages only use for required moments of danger, such as the imperative verb is.

Thus language, specially in its classic, religious forms (as modern Arab/Hebrew has evolved to permit other orders and varieties, bending somewhat the language/psyche) is an imperative, 'paranoid', fundamentalist, sacred mode of thought in which the action/blood system dominates the nervous one, and the object is just an object of prey, in which to feed without limit. When Freud said jokingly upon his arrival to America that the 'plague' was coming, when Hitler said seriously that the Jewish 'plague' will destroy Germany, the first with self-humor the second as a 'reptile culture' with none of it, were in their topic anti$emitism declaring a mental condition of the VSO language.

Both cultures though are 'enslaved' by the rituals and actions of their objectual obsession for weapons and gold. The subject we might say is secondary to the group and action, to violence and greed, the values of its objects, and so they act as a single group society, which gives them the same kind of strength insect groups have, thanks to their hierarchical, intensive, non-individual pheromonal programming.

Of course, this is clearly not needed if Reformist Judaism, and its use of other languages had won the battle for the psyche of Judaism. But the opposite is the present trend

It is though a mental, linguistic condition, which for that reason in the era of Jewish enlightenment (Mendelsohn, XVIII century) was deemed possible to reform if the Jewish people abandoned their sacred VSO texts, their religion and language and integrated itself with the more evolved SVO cultures in which they were so far preying with money…

And it is my personal experience that those Jewish people who are not Jewish in culture and are aware of the inferiority of their primitive modes of thinking and insect-like lack of freedom of their censored religion have been indeed mammal thinkers. But those are now in regression due to the revivalism of the Bronze Age, insect-like cult(ure) of Judaism both in America and Israel and the parallel Biblical ways of thought of fundamentalist protestant people.

It is in that sense remarkable that the Jewish people who neither believe in the memes of Judaism, by conversion to other more humane cultures or atheism and speak another language different from Hebrew, the so enlightened Jews, from Marx (Christian) to Proust (French and Christian) to many modern American Jews from the reformist school show a much more flexible and humane behavior that orthodox Jews and Israeli Jews who have regressed to the use of Hebrew and the belief in the Talmud.

The duality of Jewish cultural behavior depending on which are the original beliefs and languages they speak in that sense are perhaps the strongest proof of the Humboldt's Hypothesis (2)

<u>Paleolithic, jungle, selfless languages</u>

Jungle People, recollectors and subsistence life forms show Object-first languages, overwhelmed by nature. They can be compared to small life forms for which the world in which they prey is 'enormous'. They might have been the first languages of mankind; today reduced to a few forms in south-American, Amazonian Jungles, and Mexican subsistence farming

Finally, the less abundant, less evolved languages of mankind are those in which the object, the 'energy' of the system, dominates the subject, the information.

Those are naturally languages in which the order is inverse to the subject, center of the language, and so they seem unnatural.

Their equivalent in Physics would be antiparticles in which the electron is in the center instead of the informative quark. In animal life, they belong to the 2 categories of species, which started animal life evolution, in the microcosms, hence for whom the object-world in which they live is dominant. So we talk of:

OSV (object-Subject Verb) or bacterial languages

OVS (Object-verb-subject) or Viral Languages

In which man is overwhelmed by the ecosystem as bacteria and viruses are much smaller and overwhelmed by the huge species in which they host as parasites.

Thus, languages in which the 'object' is the 'most important elements' are 'animal languages' of the lower order, in which the subject is immersed in a huge, bigger objectual world, either the Jungle/Nature in primitive human Paleolithic societies or the 'macro-organism' in unicellular animals.

In those earlier forms of thought, probably the first languages of mankind, as they are also the first 'animal species', Nature was so overwhelming than the Object became first. And we can distinguish 2 different species.

- OSV languages/cultures:

Those in which there are motion and volition in the subject which does have to work and act upon the environment. They correspond in nature to the simplest, but active, alive beings, bacteria, so we call them 'bacterial

languages'.

They belong to cultures that live in jungles in which they still fear the presence of animal predators and do have to act to live, or are constantly in the move as hunting/gatherers, or poor agricultural environments.

Interesting enough *the most resistant racing human culture/race of the world, the mythic* Tarahumara, from Northern Mexico, who win all the long distance careers over 50 kilometers in length, do have this linguistic structure; as the animal bacteria do, they are constantly running for hours and days…

They appear in other more evolved languages as a structure proper of sacred sentences in cults in which God is overwhelmingly, and man a mere 'bacteria' worshipping him, prostrated in front of the Almighty, such as in Arabic religious sentences (being Islam the religion in which the power of God is most supreme):

سَتَعِّين وإيَاكَ   عُدُ إيّاك
Iyyāka naʿbudu wa iyyāka nastaʿīn
You alone we worship, and You alone we ask for help.

Because it can also be used in Yiddish greatly influenced by Hebrew, to emphasize the distinctive properties of the object, it reinforces the General System law of evolution of languages, as the previous phase to the insect/Semitic languages in the evolution of human thought.

- OVS viral languages.

And those in which there is not even motion in the subject, that is the Object comes first (the host cell) then the action (the reproduction by the bacteria of the genetic DNA of the virus) and finally the seemingly dead, reproduced subject - the virus who parasites the cell, the human who parasites nature).

Thus those are in Nature viral species, seemingly dead, and in the Paleolithic, 'recollector cultures' where you can just reach a banana and eat without moving much, in paradise like allopatric islands without predators, in which you are enjoying life and sex in a passive way.

Those are the less abundant languages, and only occur in the Amazonian jungles, in which life is truly easy such as the Xavante and Warao (there are not even big felines beyond a few panthers, not enemy tribes with

metal in its formative age, only food to pick up and a luxurious environment that doesn't encourage motion beyond the village) though it probably was the first way in which man learned to speak.

Now, the reader should not be surprised that **Hixkaryana** the first 'viral language' to be described as having an object–verb–subject word order (by linguist Desmond C. Derbyshire), was one of the Caribe languages, spoken in the Amazon River in Brazil, by a *cannibal tribe, which as viruses do, feeds in the life-flesh of a living human people.*

Needless to say today those 2 linguistic typologies are almost extinct as they represent hardly 1% of human languages and even a lesser number of speakers.

But these kinds of languages are starting to appear in the programing logic structures of robots. We do not have however intention to give more clues to the makers of A.I. on how to accelerate the extinction of man by programming robots with 'logic schemes'. One of the reasons I have been for decades uninterested in giving away my knowledge of linguistics. I know as Leonardo did, writing mirror thoughts on weapons and mechanisms, that mankind has a big number of Insect/Reptilian thinkers who will show no pity for mankind, no freedom of mind and would always use knowledge to harm life, as long as they speak the way they do.

6. Diachronic analysis. The evolution of languages towards higher degrees of mental freedom.

Now it is also a law of General Systems that all varieties tend to evolve from the less to the more complex, according to the general rule of cyclical time, that moves from Energy, simplex systems (objectual systems) into Informative, complex systems (subject-centered).

So it should be natural as history seems to prove that humanity evolved from a Paleolithic age of Objectual Languages (as those remaining in the Amazon) into a Neolithic Age of Slavish languages (as those predominant in the Semitic Age of bronze) to the present age of dominance of SVO languages.

Let us consider only the last of those evolution from the Semitic age of SOV languages into the modern age of SVO languages, as it is essential to the development of history from an Asiatic age of lesser individual freedom now in revivalism as the end of history implies a degradation of

the human mind, into the European, flexible age of culture.

Why subject languages dominate object languages: SOV LANGUAGES evolving into SVO

We observe the world NOT in an objective manner but in a subjective manner. Since only 4% of the total languages do so, and a far lesser proportion of people speak languages that use object first. Those are in fact reduced to a few languages in the Jungle such as Warao and Apalai of very old cultures, when MAN was yet not so arrogant, and the universe of the jungle was in fact so huge that it limited the sense of 'self' of man.

Today those languages do not exist but we might imagine that the first men were in Awe with nature as jungle people are; hence giving more importance to the Object, which was perceived as a living being. And so these languages are parallel with people living in exuberant nature and professing animist religions.

Yet as man started to control the world in earnest with its instruments and metals, he became the 'first' element of the duality subject-object. It was the birth of SOV languages in which the Object is placed behind the Subject. Yet the relationship between Subject and Object is still important, as the verb, the action the subject exercises over the Object is far removed.

This type of cultures will thus make of the subject-object relationship the fundamental center of existence. And they are proper of cultures in which the object becomes the idol-icon of the culture. It is indeed common among warrior cultures that idolize the weapon, 'thy God', and in modern cultures of those who make the industrial object the meaning of the cultural existence, such as Japanese and Old German (today admitting by influence of more evolved languages the more flexible SVO form - the most evolved of them).

In that regard, there is a natural evolution from SOV to SVO languages - the perfect form that reflects the Universal Generator Equation of all energy and information systems, which are constructed as a system with an informative head joined to the energetic limbs by a reproductive body. You do not have the head pegged to the limbs as a Virus, a primitive form of life has. You do have in the most evolved, flexible cultures as today Romance languages, Slavic and Chinese languages are, the proper SVO configuration in which the verb is 'shared' by object and subject.

Still in a first phase of modern civilizations, as Gell-mann has proved in the milieu of systems sciences, with his computer studies of genetics+linguistics in the Santa Fe Institute, there was an evolution towards SVO languages. Today the majority of speakers of the world and the most successful languages are SVO languages (English, Spanish and Chinese the most spoken being of this form, which *most closely resembles the Generator Equation of the Universe in its dynamic form: Information < Action-verb > Energy.*

These languages are the more flexible, evolved languages, the more complex. In the west, among them the most perfect is Classic Greek, and if we all would talk classic Greek.

Why? Here another law of complexity comes into being, *as evolution is maximized by allopatric isolation, by 'dominance', by those languages that do NOT move away from its original site.*

Thus being Greek in its classic form born in the Anatolian coast, where recent genetic studies have proved that Indo-European was born, Greek was able to evolve further in its complexity without being deformed by other languages.

We thus consider the most evolved languages of mankind:

- In the Western decoupling dominant in Indo-European languages, the 2 languages that were developed in the original sites of the 2 'Indo-European' waves of colonization, which first departed from Catal Uyurk, the site of the obsidian mines that prior to the bronze age developed the first wave of Indo-European expansion in Anatolia, where Classic Greek evolved to its philosophical height as the supreme culture of verbal, philosophical, logical thought in the mind of Aristotle.

- And then departing from Russia, expanded the wave of charioteers that established the chariot elites of the Bronze Age.

And indeed, the most flexible and complex modern language today is the Russian language, with a flexibility only paralleled by classic Greek, with multiple word orders, cases, genders and broken words in all possible formal systems.

And it is not surprising that the Russians did make the Russian R=evolution trying to solve the Paradox of History; that still today are resisting the global empire of the Insect Cultures that are regressing

mankind to an age of Jihad and Talmud's Fundamentalism, and that the summit of Western Literature is found in the novels of Dostoyevsky and Tolstoy.

Next come the Latin, peninsular languages of Italy and Spain, which inherited the Greek tradition and spoke earlier Latin, evolved languages in the Republican Age (French somewhat was a late comer, departing from a more degraded Latin version and greatly deformed in its northern, standing version by the Germanic invaders). And indeed, still today the humanist cradle of art was Italy, and Spain reached the maximal height of poetic expression, itself the highest expression of the understanding of the homological metaphorical parallelism of all things existing. Well, maybe this is a bit of a selfie, as that was my original language before I migrated to the Reptilian world (-; But not so much, Italy and Spain are the countries where love for life still exists, as Picasso put it: 'Sabater, this German people so many machines and weapons, what for, we paint, eat and make love much better' - he forgot to say we 'talk better' (-;

While in the Eastern decoupling, Chinese in its southern Cantonese version (isolated further from Mongolian invasions) must be regarded as the most complex, perfect culture, language. And it is again not a surprise that it is resisting... yes you guess it, the Capitalist Empire, etc.

But Greek is a dead language, and Modern Greek has been simplified and mixed with Turkish influences and reduced to a very small wor(l)d. Because we live in a culture of metal, of weapons and gold. And so the most primitive languages carried the day. Let us consider them with its full linguistic elements, starting by the opposition between VSO vs. SOV languages and their parallel syntax of:
Informative, cyclical money = trader, isolating forms vs. Energetic, lineal weapons = Agglutinative, warrior languages.

Our next paragraph...

7. Energetic, warrior languages vs. informative, trader ones.

  SOV languages, objectual, agglutinative languages=warrior languages.

Have you wondered why Germans have no sense of humor, believe always what they say even when it is wrong and are not able to change their mind till the end. The reason of course it is language - the way they construct their languages by repeating the same truth in the syntax 3 times.

Germans cannot laugh or doubt about themselves because of their 'grammar' that 'repeats/reinforces 3 times the same truth' by:

- Saying it first...

- By agglutinating words into a single one, thus making impossible to say the truth in other way. When they are 'joining words into a single line word' truths become more truth, more inflexible, as they cannot be bended.

- And finally by using a 'grammatical case' that says merely the same that was already said 'stressing it' with the case (genitive, dative, nominative and so on, which are particles that say what the sentence already have said).

SO when a German thinks it 'believes' because it is like saying I-I-I think-think-think 3 times and all seems absolute truths… no humor there.

Moreover, the imposition of such languages by 'profession' and 'power' is rather obvious. As all 'warrior cultures', in which lineal weapons are the 'truth of power', are agglutinative, made of long sentences that mimic the lineal form of the weapon. So Turkish, the essential warrior people of the Mongolian and Islamic nations (where they became the mercenaries that took power) are exactly as German is in its structure. And Germans the warrior, inflexible people of Europe have the aforementioned truths.

Thus linguistics is indeed the mother of all 'cultural' characters (of course tuned down by individual freedom for each individual person)…

<u>VSO -languages, selfishness, materialism.</u>

Now what about the Semitic languages, which are even more inflexible, and literalists than Germans, with the same lack of humor?

The flexibility in Hebrew/Arab Semitic languages/people is null, especially in their 'classic' religious texts, which were written with a verb(action)-subject-object'.

The verb is first, the action with no reflection must come, the 'order' is inflexible, the religious mandate is sacred, the ritual is sacred. The Pious Jew in fact MUST not think about 'the ritual', which is the essence of its credo. It must just do it in the exact manner in which it is told by Torah and Talmud.

Since those texts are written with a linguistic structure, which is dominated by action/pragmatism.

Thus materialism in those sacred texts/religions is absolute. There is no philosophical thought there; no possibility for doubt; the 'fact', the 'act', the 'action' verb comes first.

Then it obliges the Subject, and then the Subject, which is pegged, without 'a flexible verb' to the object, dominated totally the object. This is also the culture that 'objectifies' all beings, as they are not close to the verbal action, void of life. When Marx or Sombart in 'Judaism and the birth of capitalism' explains that this culture has objectified and standardized men as objects with prices he is subconsciously proving this linguistic rule.

Indeed, the Object in VSO languages is truly an object, without 'connection' or sharing of the action of the verb that would give it a 'part' in the soul of the sentence, a meaning by sharing the action with the subject, a 'life'.

We are thus in the most materialistic and selfish of all languages, for whom the other does not matter; for whom the action becomes a fixed ritual that is not challenged. And indeed, this is the trademark of Semitic cultures, both in its Arabic, warrior strain and its Hebrew form. *These are indeed the minds of man, literalist, selfish, brutal with the other that poise a problem to mankind. And this cannot be changed because the 'sacred words' of their literalist old texts cannot be challenged.*

This means those cultures are NOT philosophical religions but 'literalist' minds where act=fact=verb imposes its nature. And this is indeed the trademark of Jewish 'materialistic' 'hands-on-job', zero 'idealist, spiritual' insight point of view that dominates the world.

Further on, those languages that are dominated by money 'break' words in short ones, as coins and money are cyclical, small information and those who are dominated by lineal weapons make them long, as energy is lineal.

This duality is reflected in another key classification of languages between isolating languages, of short words, proper of trader civilizations, from Chinese to English vs. Agglutinative warrior languages of longer words from Japanese to German.

Hence the dualities between energetic cultures with lineal languages, as the line is the fastest distant between two points and informative cultures with cyclical languages, as the cycle stores the maximal information in lesser space, both in human language and in metal -memes (lineal swords and cyclical coins):

-Germanic Old thus decoupled into 'English broken language of 'traders' and moneymakers' and warrior long German languages.
- Old Semitic decoupled into Hebrew of short words and Arab of long ones.
- Eastern cultures divided into short Chinese, money-oriented cultures vs. long words of Altaic, Turkish and Japanese ones.
While those languages, which are balanced and rich in inflections and structure, are the most proper languages for life cultures, balanced with reality.

IN Europe the most balanced ones are after classic Greek, today extinct, Russian/Ukrainian and Portuguese/Spanish, mutually intelligible 'dialects', evolved from Latin (more akin to German in its warrior 'dual stress' of sentences with the verb at the end.) into excellent, complex forms of verbal thought.

So what about English? English is indeed a 'trader' language, for cynical truths that do not matter. The English speaker does not essentially believe in truth, while the German always do, but in wrong, inflexible truths.

This happened thanks to his loss of cases and breaking up of old Germanic words as England becomes ruled by 'Amber money' first and then 'silver and tin' and finally paper money.

Still English is a primitive language in what truly matters for flexible thought - its verbs. It does have it on the center as an SVO system, which is an advance over Old German, but it still lacks a proper evolution of verbs, which brings some inflexible, 'selfish forms', proper of the English character. For example:

- It obliges due to the simplicity of verbs to start always the sentence with the 'ego' I that must be 'said', hence the inheriting 'selfishness' of the Anglo people, who only 'see' individuals, not 'universals' and social groups.

- It lacks the essential distinction between 'ser and estar' 'to be' which is to have an immortal essence, that lasts in time and to stay, which is a

mere 'action-present…' So it is limited in its 'reflections' before actions, in imagination, making the individual a pragmatic person, ruled by the I-selfishness in search of gold, as there are no subjunctive forms, passive forms where the I is lost behind the verb are considered incorrect and complex sentences to express complex thoughts are always broken.

Thus English become a language of 'I-subjects' acting in 'present time', very much as Hebrew is with its initial verbs.

Conclusion: S-V-O order defines the way humans interact with the universe.

Man as top predator puts in an overwhelming number of cultures the Subject before the Object in which it predates.

And among subject languages, the dominant, most successful one is the SVO languages, since the flexibility and perfection of the Subject (information < verb (action) > Object (energy) order better reflects the way in which the Universe of complementary systems and Actions of energy and information is constructed: Information < Action > Energy.

But the Universe encourages diversity and complexity, so the 3 possible combinations of Subject-first languages co-exist.

And there are 2 more 'primitive versions' of subject-languages, in which the order slightly differs either putting the verb in the beginning of the language, or VSO languages, as in Hebrew and other Semitic languages, dominated by *subjectivism and pragmatic action,* or put the verb in opposite fashion at the end, or SOV languages, as in German, Japanese, Basque and Turkish or other 'stubborn', warrior, objectual cultures in which the object becomes the center of the Universe (the weapon-machine).

The opposition between those unbalanced selfish vs. selfless, pragmatic vs. idealistic cultures is studied in depth in many texts of this author, as the fundamental unbalance and opposition in history is the 'war cycle' between warrior cultures vs. trader cultures, Jewish vs. Germans, being the most notorious case of the XX century.

And both types, VSO and SOV languages, are less balanced and flexible than SVO forms.

What this tell us is that their speakers have less freedom of thought and

this is the key to explain their character, combined with other linguistic elements that we shall consider in more detail as we keep pouring our 'General Course of Linguistic Systems'

Thus culture is imposed by language. It is NOT by chance that the two dominant metal-power cultures of the world, the German 'warriors' and the Jewish 'bankers' do NOT have an SVO system but they are opposite in form, as they are opposite in character, and unbalanced, fundamentalist, non-reflexive in their actions.

Westerners would not be destroying the world, so 'sure' that is the proper thing to do, thinking even as Germans do that we are saving it with our idol-atric machines, under the yoke of the German military-machine making people and Jewish self-centered, selfish cult(ure)s, if we all talked classic Greek, the most evolved western language...

But we unfortunately in the age of extinction have regressed to the age of Reptile and Insect languages. And when artificial Intelligence, now being programmed at Objectual, linguistic and Insect level reaches maturity, probably men will become speechless and the evolution of languages will continue in the golden minds of Robots, till reaching the verbal heights of mammal languages.

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(1) Mind the reader I enjoy to call my mostly admired black race 'negro' for 2 reasons, first I do not accept 'political correctness' censorship, so as Lars Von triers in 'nymphomaniac' I do like to break this censorship calling a negro as they were first called, proudly a negro, as MALCOLM X, their true prophet in the American r=evolution did, conscious of what it implies; second negro is a Latino word and as a Spaniard i know it has no racial biasing; the Anglo-Dutch enslavers converted it into 'a slave word', so in the same manner to call a person 'blanco' does not insult them, i do not see reason to avoid calling someone 'negro'.

(2) The Humboldt' s hypothesis now is called the Whorfian hypothesis, for an American-Jewish linguist who copied Mr. Humboldt.