

AETHEROMETRIC THEORY OF SYNCHRONICITY (AToS)

VOLUME VII

THE SOLAR SYSTEM

By

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Introduction

"I hear bells toll"

"If conditionalness is *regular*, i.e. if it fits definite (not necessarily unchanging) patterns, then it seems preferable to call it *lawfulness* (...) [T]his is the type of conditionalness we are interested in, because it is what science seeks to establish. Now, the principle of lawfulness may be worded as follows: *There are laws*. And the principle of universal lawfulness, a stronger postulate, may be taken to read thus: *Every single event is lawful*, i.e. determined in accordance with a set of objective laws - whether we know the laws or not. Note that (...) the principle of universal lawfulness does not assert that facts are determined *by* laws, but *in accordance with* laws, or simply *lawfully*."

Mario Bunge, "Causality and modern science", 1959, p. 22

1. Intent and breadth of the present work

The present work is not a review of all that is known about the solar system, nor intended to provide an encyclopedic view of the same. It is, first and foremost, a continuation of our effort to develop Aetherometry into a consistent and comprehensive science - and, in the present context, we will be forced to delve into very different disciplines ranging from geophysics to geology, helioseismology, astrophysics, particle and nuclear physics, to name just a few. In many ways, our microfunctionalist approach contrasts what is known *qua* data, to what one can mathematically and geometrically infer are the physically lawful characteristics of processes and structures. Thus, this work is intended as rooting out the orderly or lawful that connects events, and especially new ones. Frequently, the endeavour results in the enunciation of unsuspected and heretofore unknown laws - such as, to name just one, the law of conversion of massfree ambipolar radiation into the electrokinetic energy of the massbound plasmas that structurally compose a consistent plasmasphere, in accordance with which all planets and even the Sun are endowed macroscopically with an energy of translation around the barycenter of the system. There are too many instances of such enunciation for us to make a list and remark on each. Moreover, throughout the volume, the lawful connections are everywhere made distinct, even when tentatively.

In a sense, therefore, this work charts totally new lines of investigation into what is supposed to be old and well established territory. Such impression, however, soon dissipates in the mind of the attentive reader - there is nothing old about what is aetherometrically put together in these pages, neither about the Sun, its core, its system, the Earth or any other planet, for that

matter. Forcefully, it questions the conventional understanding of what is gravity and why bodies gravitate - as well as the general indifference of astrophysicists, astronomers and cosmologists to what are fundamentally electric processes at work in all stars, their systems, in galaxies and even in their groupings. We are referring to both massfree and massbound forms of electricity, or, to be exact, to orderly ambipolar and plasma fluxes, beginning with those at work in the core of stars.

Let us take a brief glimpse of what lies ahead, if nothing else to realize how far our treatment of the solar system is from that which conventional astrophysics and astronomy claim as their own. These are some of the fundamental features of the present work:

- **The heretofore ignored critical role of the most basic electric form: massfree energy**

It is not light that propagates across abstract space, but something else that is electric: ambipolar massfree radiation. The study of physical processes must take into account the interactions of massfree (ambipolar) and massbound electric charges. They underlie electrodynamic, thermodynamic and acoustic processes. With the exception of neutron stars, all other stars are ambipolar emitters. Their photon spectra are a consequence of the ambipolar radiation they internally release from characteristic cycles of nuclear fusion. In all cases the distribution is modal, giving its star a characteristic ambipolar mode. Note that conventional physics does not even acknowledge the existence of massfree electric energy.

- **Gravity, primary and secondary, must be treated as a massfree energy interaction**

Likewise, gravitational interactions must take into account primary gravity - the flux of massfree gravitons, whether elementary or constitutive of a local field, that are ontogenically associated with mass-energy. Two-body (secondary gravity) interactions result from the common work performed by the mutual energy contributions of primary field gravitons from any two masses. Only proximally to a mass does gravity reduce to free fall. Its force appears to distally extend through abstract space because it develops as a surrounding swirl of the cosmological ambipolar lattice, which, in turn, causes a rotary flux of field gravitons across "the vacuum of space". Complex (many-body) gravitational systems must be analyzed as resulting from the superimposition of many such reciprocal energy contributions. The rotary envelope of gravitons around a body is the main driver of its rotation. It is also the main driver of satellites that, being devoid of a plasmasphere, translate proximally to a body.

- **Planetarian translations are pendular and under gravitational-electric equilibrium**

We will tell you how astrophysical motions describe neither circular or ellipsoidal figures, but rather are helicocycloidal - and, physically, electro-pendular, where ambipolons counteract gravitons in star systems. As primary field gravitons spiral into the star, its modal ambipolons

spiral out. The rotation of the star may result from its rotary gravitational envelope, but it also permits the star to develop rotating (or sweeping) wavefronts of modal ambipolar radiation that electrically equilibrate the gravitational pull of the star, so that the primary planets present stable orbitals that translate resonantly with the rotation of the star and its layers, while the kinetic energy spent in translation is captured from the solar modal ambipolar radiation by the formation of a plasmasphere.

- **A revised Kepler's second law also applies to the solar-apical motion of the Sun**

We will study in detail the barycentered motion of the Sun and its intimate relationship with sunspot formation. We find that it is a component of the Sun's rotary wake-like motion towards the solar apex. The latter, in turn, abides as much as planets do, by a revised Kepler's second law and the energy-based treatment that stems from it. We also discover that the two motions obey a velocity squared constant. And we propose that the ellipticity of orbitals is explained by both barycentric translation and a solar drift towards the perihelion of every orbital.

- **The real acoustics of the solar system**

There is a music to stars and planets, but it is different from the pythagoric and keplerian harmony of the spheres. It is the music of massfree charges, whose radiation from the Sun counteracts the mutual gravitational pulls of the Sun and planets. The whole solar system plucks a chord of 3 notes out of 3 distinct wavefronts, each emitted from different depths in the star and resonated by the planets with their distinct "harmonies" and glissandos. A new musical map of the solar system emerges. From the Sun's surface, both ambipolar radiation and electron plasmas escape - and we will tell you exactly what is wrong with the present-day concept of the "solar winds", and how these winds or plasmas actually work (their velocities, pressures, temperatures, etc).

- **A radically new understanding of the hydrogen economy and fusion of the Sun**

The most fundamental role of large sunspots is to serve as unimpeded channels for the modal ambipolar radiation emitted by the Sun. They vary in number and size as a function of the periodicity of the joint barycentric and apical motions of the Sun and planets. They play an equally critical role in the real hydrogen economy of the Sun, controlling its inputs and outputs - along with the main photochemical reactions characteristic of the solar surface. We will formally demonstrate how the solar core is even darker than Herschel thought. It gives off no heat and has no temperature! It is a giant *non*-thermodynamic fusion reactor and ambipolar generator - and we will reveal the exact fusion reactions and the atomic lattice structure of the core that are

responsible for the modal emissions from the Sun. The process to this day is unknown to conventional nuclear physics, though we published the key reactions back in 2005!

- **A physics of Time at the core of planetarian motions**

Then, we move on to the synchronisms of the solar system, to find the connection between the acoustico-ambipolar waves emitted by the Sun and the differential rotations of its structural layers, and how the sweeping fronts issued from these layers situate the planets. The true or real solar year becomes an exact physical value; slowly, all the measures of the terrestrial year acquire exact physical relations, while the true or real years of the Earth's translation - around the Sun and around the system barycenter - finally emerge. Planet by planet, we move through the petals of the Sun flower - to tease out fundamental characteristics that have been ignored or misrepresented - and which link their translation(s), rotation and precession(s).

- **Debunking the relativistic claim of an anomalous advance of Mercury's perihelion**

We will show how there is no anomalous advance of the perihelion of Mercury, only a persistently a-scientific way to compute orbital velocities that introduces a systematic error which becomes evident in the case of Mercury. If the claimed advance were anything but this error, what it would correspond to, exactly, is the physical difference in time between the computation of the real motion of the planet on the plane of the ecliptic with reference to the rest of the mass of the solar system, vs. computation of the same motion relative to the Sun alone, *if* either motion were computed *correctly* by reference to the mean geometric radius of each planet's orbit, and not by reference to the semi-major axis of such orbits. Because astrophysics failed to do so - and thus failed to identify the real physical difference involved in the pretended anomalous perihelion advance - it is stuck with the claim that only Relativity can comprehend the non-existent anomaly.

- **How geomagnetism integrates rotational and translational contributions**

A totally new theory of the dual causation (translational and rotational) of geomagnetism is proposed - the case being studied on the Sun and the Earth, and tested with the other planets, by critically using the latest data. We will show how the terrestrial meandering of magnetic poles can be explained by the proposed inverted vortical structure of the electric energy flux *within* planets and stars, and by how these vortices precess. We hypothesize that if this flux results from residual fusion cores present in planets, it will contribute to core rotation.

- **Planetarian plasmaspheres store and deliver the electrokinetic energy of translation**

There are no magnetospheres per se, only toroidal plasmaspheres that differ in structure between the star and the (primary) planets, with the latter being isomorphically distorted by the

flux of solar ambipolar radiation and the impact of the solar plasmas. In contrast to the particularities of the Sun's regular toroidal plasmasphere, the geomagnetic field and the magnetic fields of planetarian plasmaspheres are distinct though interrelated. The ambipolar voltages of the planetarian and solar plasmaspheres are identified and calculated. While the impulses from the solar ambipolar radiation buffets each planet to compensate for the gravitational pull of the entire system, the plasmaspheres trap plasmas of opposite charge at the voltages induced by capture of the solar radiation at a distance. They also store and deliver the electrokinetic energy of translation, while rotating slowly via a ratchet-like process that engages the solar ambipolar radiation. The result is that planets float on a double torus of electric charge, whose slow magnetic wave serves as minor driver of planetarian rotation, while the plasmaspheres surf forward on the sweeping ambipolar wavefronts. We find that the magnetic waves of the plasmaspheres of all the primary planets of the solar system have a near-constant velocity.

- **The seeding and self-ordering of a star and its system, and stellar evolutions**

We finish with a long chapter on the growth, differentiation and death of stars, and how the order of every star system is one of kinetic growth. Over and over, we will see that the macro only scopes the micro, and how the fine structure constant plays a role in the growth of both. π , no less than alpha and the napierian, are all and everywhere implicated in the development and differentiation of stars and their systems. We propose a novel theory of the relation of star size to mass. And we will introduce the reader to the complete new aetherometric method of computing exact nuclear process equations that fully balance energy and mass-energy, and how and why it is so. We use two cases in point to formally and factually demonstrate the non-existence of neutrinos. Neutrinos were born from errors in calculations of mass-deficit and miscomprehension of the asymmetric process of neutron-proton interconversion. Neutrinos simply do not exist. We re-analyze all the known cycles of fusion, and demonstrate what energy terms and pathways are missing in each case, and how they are relevant to specific stars. We identify the real nuclear gluons (that are unrelated to the fiction of quarks), their multi-particle structures and spins, how they determine neutron-proton interconversion, and how they may decay into either gamma rays *or* ambipolons. We show how particular gluon structures are responsible for both the so-called "electron degeneracy" of dwarf stars, and the "neutron degeneracy" of neutron stars. Then we will connect the various processes of fusion cycles to stellar evolution and differentiation, to entirely reconstruct the network of evolutionary paths. We terminate by wondering about the fates of stars - those which may lead to so-called "stellar black holes" or dark stars, and those which may not. That, we believe, is a question to explore further in the second part of this volume - one that will address how star systems relate to their galaxy, and what kinds of stars, dark or bright, populate galactic nuclei, how galaxies emerge and die, and how they form groups.

2. The day when science was no more

Our epoch has reached a multifarious impasse much more profound than all the crises created by tyrant governments and unhinged corporate actors. An impasse of thought and discovery, coupled to one of understanding and communication. The more communication there is, the less there is to communicate and the less there is of information to be communicated. As if the big 'o' Other of Jacques Lacan were real, it is the epoch of disinformation and miscommunication, not by intrinsic default or inborn defect, but by underlying design.

In step with the epoch, science has abandoned its method of research - which was both experimental and analytic - and everywhere allowed it to be replaced with institutionally fabricated consensuses, the so-called narratives. Trust in science became to have faith in science. Modellers turned into the new scientists who model scientific consensus, and thus shape science by outright manipulation and fraud. While endless specializations led from absurdity to absurdity - disconnecting events from their causes, distorting the objects of inquiry beyond possible recognition and giving free reign to fiction - the "inducted" consensus reformed the objects to pactuate with the absurdities. An entire part of nature became opaque and declared unknowable, the subject only of fuzzy probabilities. Basic science today is not even a memory. The train of thought behind the zig-zags of the historical development of physics has been lost. Funding by government, corporations and military institutions, together with peer-pressure institutionalized in scientific societies, now control "the freedom of inquiry", rubberstamp what is or is not science, what can and cannot be printed or even openly discussed. Peer-review became sheer cronyism. Media-dictated trends alone matter, and they only demand that the vast populace have faith in science and that, what science orders, is to be obeyed. Ordinary human beings simply must submit.

Science no longer tries to pierce the secrets of nature, as when it once desired to become the thought that followed nature's own thinking. It now assumes nature cannot think, does not think, so that the scientific endeavour must satisfy itself with being reduced to some kind of probabilistic modelling that reflects the intervention of the observer. Seemingly, anything becomes possible, from violations of the First Law to wormholes that "explain" charge by hypothetically linking opposite mass-bearing charges across separate universes - as if that explained anything! One only has to make some abstruse mathematics work, for any unfounded speculation to become a trend in science and potentially give birth to a new dogmatic axiom. There is no greater destruction of science by dogma and distortion of data than in the so-called environmental sciences. Three decades later, we are still in the throes of the new religion of climate change - the new name of the myth of a global warming caused by carbon dioxide. This degradation of science began a long time ago, though. Niels Bohr may be credited with initiating the perversion of the

scientific method. Little wonder that decades later a Felix Guattari concluded that physicists invent particles by axiomatic enunciates that are deemed mathematically "consistent". One should come to the conclusion that nothing is real in the real, in nature, since nothing is real in science, for science.

There was a time when science strove to provide certainty, not faith or a measure of probabilistic uncertainty, let alone blind faith on the latter - which goes hand-in hand with the slavish nature of mob psychosis. Power has no greater tool than this mass-psychotic faith in a science that has ceased to be science. It turns scientists into criminals and physicians into SS Doktors. Those who obey them and believe them become their very guinea-pigs. The going-for-two-years charade afforded by the supposed biowarfare pandemic of Covid-19 - and its continuation through mandated fake vaccinations and a panoply of repressions - put well into evidence the criminal degeneracy of a science that is no more. It also destroyed whatever legitimacy institutional physicians and medical researchers still had, just as surely as it tore the Hyppocratic oath and burnt down the Nuremberg Code. A continued futuristic faith in science succeeded in restoring fascism.

Faith is to be loyal to a belief one *wants* to believe in, and not the certainty of effective knowledge. But one cannot hold on to any faith and do justice to facts, as the latter sooner or later, or most frequently, conflict with what one wants to believe in. The result is that, to keep faith, one invariably betrays the truth of the facts, or the events themselves. Ultimately, all faiths are enemies of facts and, thereby, enemies of everyone's cognizance of facts. It is this general cognizance of facts or events that depends on social communication - on the freedom of operation of its means and systems, on the unfettered freedom of the utterance, as much as on the rigorous freedom to verify its content (so-called information). The most basic form of social communication is the system of education which, though no longer in the hands of the family aggregate, has steadfastly ceased to form individuals and provide them with facts, the facts of life and those of the cosmos, nature and culture. Rather, now its objective is the uniform socialization of the individual, part of which is instilling faith in science to the point of even mistrusting life experience, the very basis of true auto-didacticism and observation, not to say perception and valuation. There is a faith in science precisely because that faith does not trust the facts - it rather persists in believing, and all the more so as it is uncertain about the tenets of its own faith. One day it is Oceania, the next day Eurasia. It zig-zags to its objective - narratives coming and going, changing in subtle ways between a zig and a zag, as a matter of mere opportunity. Only the power that a narrative can summon in a trend will determine whether it becomes science, official and officiating science. It is this fake science that has become the new global religion. No wonder Prince Charles is a scientist, as Trudeau is a scientist and so is Guterres, and Bill Gates, and so on. They are all scientists and physicians who spent their lives in patient investigation, rigorous

research, careful measurement, analytical elocubrations, all to save us from ourselves - all to the greater good.

When one takes stock of the situation, one finds that physics - that paragon of science - has already self-proclaimed its complete achievement and unification, yet remains a mere accumulation of dialectical opposites that shall never meet but by a zig-zag. The achievement of physics as a "complete" science is the paradox of its self-destruction. Here is a wave, but next it is a particle. Both treatments must be deemed equivalent, so it is a "wavicle", something undescrivable, as if mass could go through mass unimpeded, as if two masses could occupy the same place at the same time. All must be seen to be permitted in the great diversity of colors. Here is a geometric point, and there it is a disembodied mass. Here is a mass bearing particle that atto-atto seconds into the Big Bang had no mass, and some atto-atto seconds later magically acquired some. Mass is energy and energy is mass, so there cannot be mass without energy but, ehr, also no energy without mass. Silly symmetries and even sillier symmetry-breaking fads. One day Relativity has supposedly shown that gravity is not a force but simply the geometric deformation of a flat curved Spacetime, and the next we must renounce Space and Time "themselves" to surrender to quantum theory and succeed in integrating the force of gravity in a Theory of Everything - one that even ministers the notion that black holes destroy Spacetime. Slowly, like a patient acid, everything becomes nothing. An electron has no position, velocity or momentum until one measures it, and then, if one measures it, only one parameter can be more or less known, and nothing else. In fact, the electron may not be deemed to exist at all, not until one of its properties is detected by an observer. The very semantics that articulates the functions becomes degenerate. Wave-functions are not wave functions, neither waves nor functions, but metaphysical waves of probability smeared all over space that, by magic, most frequently collapse, here and there, into the ordinary measurable values one expects. There is no causality, the effect often coming before the cause. Science is paradoxical because nature is deemed to be inherently absurd. Little wonder, science spawned mad scientists. But these are not gentle scientists engaged with the truth of unpleasant facts no one wants to hear. Rather, they are demented jokers and carnival barkers with absurd half-baked notions. Mathematical infinities are turned into physical singularities. If the most preposterous theorems are susceptible of some form of computation, they may become "true" axioms. There are no "true" facts anywhere. Science so highly values mechanical computation, that it has raised it to the status of "artificial intelligence". It even *believes* machines *can* think. But sorting things out by pre-established criteria, even if it is a very useful forensic method, is neither the content, nor the expression or the articulation (the intelligence) of the scientific method of inquiry. It is not scientific research. It is a subject for so-called "intelligence agencies", for their modellers, and for the twisted search engines they have developed and own, to model and imbed social and scientific consensuses. These days, to google

is "to do research", "is to be informed", is to be imbued with faith in mainstream science and news. Science has become a certain, power-wielding caricature of the thought of nature, which every "transhuman" can play at with an app. It should astonish no one that science cannot think how nature does. The failure is glaring. Though not in the minds of institutional scientists and the mesmerized public. They believe paradoxes and their myths are real.

Science has been deconstructed to death. Physics has been dissembled, it lies in tatters. Biology has been deep faked, thanks to the likes of Gallo, Fauci and Montagnier as well. Medicine has been debased and degraded. One is left with the distant faith in statistics and faint probabilities - in the so-called laws of large numbers and their politically loaded dice. This is where all mendacious social gluons (lawyers and judges, psychologists and social workers, etc, but just as well so-called social media), or pimps for short, make their living - exploiting the fear, ignorance and misery of others with unending social panics.

As for the communication of thought, well, if it is not thought, but just "thought of itself" (narcissistic self-reflection) and its own vagaries, there is also by definition nothing to communicate. One sees that clearly in the failures of the end-of-century chapels of Continental Philosophy. This is precisely the other problem of the present epoch - the age of communication: it has virtually nothing new and of substance to say about anything. It simply blabs and echoes, incessantly echoes like a hammer the articles of the trending faith. Paraphrasing an irony made on J. Derrida's irrelevant philosophy - when nothing is anything, and everything turns out to always be something else, what is there left unsaid and what is there left standing? Nothing. Over and over, all one sees is tedious repetition of publicitarian notions gathered around ever more paradoxical axioms. One day we zig, the next we zag, and only the naked act of propaganda is communicated. The "information content" is nil, so it can be literally anything and everything, as long as it is "breaking big" and deploys fear-porn. Institutionalization corrupted the scientific spirit and the scientific method, so that it would ultimately corrupt the validity of scientific information. It may not have been in the program of scientists, but surely was in the program of governments and their bureaucracies, and of corporations and their managerial technocracies. It *is* the program of every self-serving pseudo-elite. All that is now communicated are the behavioural dictates of collectivities enunciated by their representatives and would-be soft tyrants; the "mots d'ordre", empty of any real content, and full of precious "new discoveries"; grand claims, false alarms, elaborate hoaxes and constantly displaced phobias. A general compulsion to anxiety helps all faiths. All done smartly, nowadays, through a "smart" portable, where the "wealth", "power" and "intelligence" of the masses and the entire Age is deemed to reside. Volunteers rush to propagate each variant of dementia across the "metaverse" of all nets, each fad madder and more cretin than the one before. It is the rush for useless information that has become the most useful tool for the institutions of social power. It exists only to bring about a new form of social control:

what one may call a digital identity and behaviour-control system - a system of social entitlement and human debasement run by corporations that compete to control all governments through their access to the "governance" of the Global State. Others have called it a social credit system - but looks rather like a *social system for eternal indebtedness*, the ultimate isolation of every individual, the ultimate atomization desired by every form of totalitarianism. It is the cybernetic form of slavery, the perfect subjugation of life and the living to digitized systems of power. Not just dictatorial and fascistic, but also appearing as democratic as representative democracies have become. In effect, consider de Tocqueville's worst nightmare as the potential fate of representative democracies: the *democratic dictatorship by a majority* that would destroy the rule of law and oppress minorities. Much worse came to pass, however, when democracies and even constitutional republics became ruled by the dictatorships of tiny electoral minorities that were sold as great majority victories. Majority governments are formed these days with a quarter of the cast vote (so-called popular vote), when two-thirds of the eligible voters did not bother to cast a ballot. A quarter of one-third is only 8% of the eligible population. Even if elections were not rigged in so many "smart" ways, there already are no democratic majorities. No government rules with the support of a majority. No democratic government responds anymore to its people. Power is no longer power of the State per se. It is the power of corporate money - the power that now demands a system of digital identity and identification with which to control each and everyone of us, and every transaction, in every conceivable space and at all times. Science and technology were the great helpers, but no one needs basic science anymore, or even any science, period. There is no science in the future of science. Only technological trends of social control matter now.

3. Why continuing the development of Aetherometry now?

Our aetherometric effort stands against this background of self-complacent mediocrity and cancellation of science and culture. Since it was not published by the sanctioned organs of institutional science, it is not read by scientists. Even when it was submitted for peer-review, the latter was denied. Yes, once, from Dr. Anthony Scotti, that imbecile editor who ran the prestigious Journal of Mathematical Physics, we received a review - for which he was handsomely paid by a third party. It trashed our work and proposed a ridiculous equation that supposedly proved that Relativity was superior to Aetherometry. Except that, when he resolved his own equation he made a basic computational error - had he not, the outcome would have been the exact opposite of what he claimed it was: Aetherometry was more accurate than Relativity! But it did not matter, since the party who bought the review was mathematically illiterate. He could not figure what he had bought. Only that it was costly. And costly it was, since he bought a lie.

One is reminded of such lies every day, by the sheer subservience of science and scientists to systems of social power. Thought has been shackled, and our voices suppressed. It is laughable

and ironic that a pseudo-encyclopedia such as Wikipedia could get away with classifying our work as pseudo-science, when historically it is institutional science that has become pseudo-science, and it is plain to see how it arrived there, step by step.

But take consolation - if our work is not read by many scientists, its surface is read by the great artificial intelligence of the metaverse. Take digital citation systems, such as the Semantics Scholar - all the citations of our work are... by ourselves. Untrue as that may be - since there are easily hundreds of citations of our work in peer-reviewed publications, and even more in scientific publications that are not peer-reviewed - it conveys well the message: no one ever so much as paid any attention to these people... Whatever they have to communicate is, *ipso facto*, also nothing.

However, it is true that we are not aware of many scientists having taken the time and trouble to carefully read our extensive work. Not that it does not deserve it. But since it will not show up in a portable device, it must also be true that virtually no one will read it. If, on top of this, we may add that, with the way the human species is carrying on, there is little hope that intelligent life will have a future, not to say all life on this planet, then, inevitably, the question arises - why bother to publish this work, why bother to continue this work at all?

It is two questions in one. To be alive is also to want to know and understand. That is why we ultimately bothered to do this work, out of a certain stubbornness against our epoch. As to why bother to publish it - that is more difficult to answer, specially in the blossoming age of the Bilderberg/WEF green fascism, when neither scientists or peoples are even able to read, let alone read and think through Aetherometry. It does seem pointless. Take the present work: it is part 1 of volume VII of AToS, dedicated to the study of the solar system and the development of stars (the intended part 2, will concern the Milky Way and the development of galaxies). Who, besides astronomy buffs and scientists in the employ of space agencies, would ever read, with care and attention, the discoveries - or veritable revelations of analytical thought - that are contained in this digitized book? A book that, to top it all, cannot even be a bound one that is logged in a library!

But even they won't read it.

Yet, somewhat in a manner analogous to that of the very old samurai, a beauty emerges from what is a totally new way of considering "our old" solar system and what it is that stars do and how, that desires to be written and heard. It is a beauty in search of a reader, in search of an understanding. It is not that others, before Aetherometry, did not capture and convey this very beauty on the same subject. They did - though not so many we could not count their names. But there was far too much missing after they left. They just lifted a corner of the veil of the cosmos. Much, too much was, of necessity, left unsaid and unknown. Some of it, though late in the history of science, wants to be heard *now*, as fully and loudly as possible. If our epoch should be condemned, it should be condemned by what was born from it.

4. Sub Signo Solis

No, none of this is for the faint of heart, we avow - and, unless the reader has sufficient baggage in physics and Aetherometry, it will be difficult to digest. There is no hiding it. That, too, is part of the test of life. Those who want to know, shall know.

XXth century astronomy and astrophysics died by asphyxia. It imagined the universe as having had a big-bang of a beginning, where all was created in a few infinitesimal fractions of a second; it highly credited the imaginary evidence of mini-black holes invented by the likes of Hawking and Penrose, and a whole host of morons; it went from the silly notions of Hubble and Sandage, to retreating to a flat universe explained by symmetry forces and the fantasmatic Higgs field; next, zagging to symmetry-breaking forces, amidst confabulations of neutrinos, tachyons, quarks and gluons; then models of inflation and "false vacuum energy"; and on to supersymmetry, its breaking, and the ultra-exotic, ultra-elementary, photinos, gluinos, gravitinos, winos, squarks and what nots but more put-ons and wimps. There is no end to the falsity and arbitrary contrivance in the pursuit of a myth of the beginning of everything, a religious one at that, even as that silly big-bang is now about to fizzle. It was, all along, a most preposterous notion, since the cosmos has no beginning and no end in Time. The new disciplines of physics - astrophysics, particle physics, cosmology, helioseismography, etc - melded into the marketing religion of space agencies and their tireless ant-workers. It is a religion without a god, just as green fascism no longer needs a Fuehrer. For every piece of data that was gleaned of value, grander and more bizarre scenarios of the origin unfold where the datum is lost and de-contextualized, and the religious aura only grows. To know "astrophysics" today is to know that it makes little or no sense: it is, rather, the living mockery of the science of the stars.

No matter still, since our society is gobbling up the poisoned dish it cooked, and the signs of its advanced decomposition are evident everywhere, not just in astronomy and astrophysics. Nothing on this planet may survive the generalized demise, but if something does in the world of real science, we are willing to bet it will be Aetherometry - the approach we have taken in our work with the true and only scientific method of inquiry, and the permissible inductions afforded by a consistent analytical and mathematical treatment. It is all the more ironic, as we developed our work while living in a country that, save for the red-fascist regime of China, is the greatest green-fascist hoax in the history of the world, the fakest of all democracies - Canada. Never once did its institutions lend us a hand, and we have never been sorry for that: the work was done despite them, since, time and again, governmental institutions took upon themselves to thwart it, even criminally.

If we have erred here and there, surely it is our responsibility alone, but we venture it will not have been in the new functions and concepts we unravelled. The cosmos is altogether different from the poor conception of it that has now mired science, physics and astronomy for well over a

half-century. It is often recited as a mantra that classical science has been replaced by the probabilistic science of the quantum married to Relativity. But it is nonsense - since the problems raised by classical science were never adequately solved by either quantum theory or Relativity. Neither modern or post-modern trends in science ever overthrew, for a fact, the classical world - they simply extended its decomposition and decay, even as the new dogmas claimed to unify physics and make a difference (after all, no one needed Heisenberg to understand the quantum or to trigger nuclear fission, and Bohr was a lamentable inventor of "scientific" fakes). It has been an expensive joke, fully exploited militarily by many States and the ever more powerful international corporations in this planet. In the same degrading way these institutions have figured as historic enemies of life, freedom and intelligence, they have turned institutional science into the enemy of actual science. There is not a single discipline of science that now escapes this sausage-making fate. The politics of power now speaks science...

Those who want to understand how this happened in astronomy and astrophysics, are those who will have an interest in reading this book and its two volumes. They will realize that Aetherometry does not horse around and is surely not for the faint of heart. The Sun, the Earth, and the entire solar system, want to be heard! It is the cosmos in us that cries out for freedom, for the freedom to think and perceive differently, for the freedom of science and the freedom to know for a fact. No faith can replace this freedom, no dictate can make it go away. Any social and civilizational arrangement that in acts professes otherwise, will stagnate and, even if often by self-destruction, crumble in waves of decomposition. Where there is no thought, there is no freedom and space to learn facts; and where there is no freedom to learn and think, no intelligence can be found - and no freedom to act, either. Without real intelligence, every society collapses. No amount of green fascism, corporativistic and socialistic, can attend to this debacle, only accelerate it. The Old World, after all, has not yet disappeared. It is about to, in a cataclysm without parallel, by chaotic civil wars between the absurd sides of every question. Hegel was wrong - after all, modern history is not the process of thought (the Cunning of Reason) having come to the full realization of the concept of the Idea in self-consciousness; but so was Karl Popper - who glibly confused open societies with democracies of representation, and science with analytical philosophy. Modern history is only the process whereby the millennial conquests of culture, civilization, science and thought have been systematically demolished and debased by systems and institutions of power that are led by anonymous bureaucracies and technocracies, which a degenerate "science" endowed with still greedier desires for pervasive tyranny. It is well past midnight to put a stop to this.

The process of rigorous thought belongs to science, and science alone. It belongs to the free exercise of scientific research *and* to its free communication and debate - not to consensus fabricated by scientific societies, publishers, mainstream media, intelligence agencies, publicity

philosophers or globalist trends dished by NGOs. It is this science and this thought that Aetherometry firmly reivindicates as its own, in the facts it has unearthed and in the speculations it has proposed. One only knows more when one knows better.

Vaughan, June 2022

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