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*Moderne Physik Tipler*

2023-09-20

## JORDAN ARYANNA

**RIGHT OF SAPIENS** Alpha & Omega  
Sapiens - Uppublishing Being / Augustin  
Ostace

...One can make a jump or a leap forward from the CONSTITUTION OF EUROPE, thought and written by the author in the years of 2006 - 2007, through CONSTITUTION OF EUROPEAN UNION, rethought and rewritten by the same author 12 years later, towards a CONSTITUTION OF SAPIENS, our present - ness hardworking, our up-to-date development within Sapiens for Sapiens and, perhaps, beyond Sapiens!

...Assuredly, for sure, it is our duty and right and perhaps of our destiny of our MODERN SAPIENS, by rethinking reflecting and comprising the Species Sapiens as a whole, of at least in its last ca. about 50.000 years, by coming from PREMODERN SAPIENS (between ca. 200.000 - 50.000 years Before of our Present Times - BPT) and ARCHAIC SAPIENS (between ca. about 500.000 - 200.000 years BPT!) ...Therefore, our answer is confident and affirmative, in sensing that the present level of creativity of human through the AERA-1 of Philosophical Systems, can outreach a such task, overcoming all previous achievements into this area of human creativity, for sure, definitely, in domain, within area of Sapiens' Constitution! ...

...More than that, our twelve years of experience in fighting through Constitution of Europe, despite of some singular boasting, was not perceived at its real worthiness of spiritual battlefields...

...Could one explain a CONSTITUTION OF SAPIENS, within all its chains, as Big Chain of Unknowns, as Big Chains of Uncertainties, through the whole universe of 10 to power 18 seconds, or perhaps of 10 to power of 20 seconds?... ...One Universe (in many ways, beyond of our comprehension, before of our human exploring), One Constellation (Virgo, beyond of our reaching), One Galaxy (Milky Way, beyond of direct human analyzing), One Solar System (Sun System, in the beginning of human exploration), One Planetary System (Earth

system, the best explored and analyzed, but with still many, many unknowns), One Genus (Homo Anthropos), One Species (Species Sapiens), all as togetherness of ANTHROPOSAPIENS (recombining the Genus Species), and all, have been analyzed, reanalyzed, structured and restructured, systematize and re-systematize through our One and Unity of Philosophical Systems (Aera of Philosophical Systems or AERA-1)... It is our Sapiens, it is our Species, in its core of Humanness, of Oneness, multiplied through Temporal-Spatiality and Causality of the Universe, a singular feature within immense of Temporal-Spatiality and Causality?... ...Therefore, let's structure and restructure, let's think and rethink, let's analyze and reanalyze, through the mindful eyes of Sapiens as Species, belonging to the Genus Homo Anthropos, Hominid Family, Order Primate and Class Mammalia, a present Standard Model of Sapiens, by reassessing the whole of cosmology through a philosophical system (a maximal generality thought and written by a Sapiens), the whole of our planetary biology through a philosophical system (also, a maximal generality thought and written by a Sapiens) and the whole of human ontology through a philosophical system (for sure, a maximal generality thought and written by a Sapiens, i.e., Sapiens through... Sapiens!)... Finally, we do need a Constitution worthy of our Sapiens, a Constitution in motion and emotion of our Sapiens, always in thinking and rethinking, always in development and self - developments, by being improved out of all directions of information, of inspiration, of intuition and of overcoming oneself towards the better - ness for all and towards all and through all... Sapiens! The whole of AERA OF PHILOSOPHICAL SYSTEMS seen as AERA-1, is at your disposal! Sapiens! Show to the whole cosmos, to the whole biology and to the whole ontology that you are the one in thinking, rethinking and creativity! Sapiens! Show to them, but primarily to yourself, who you were, who you are and who you will be, since yesterday, since today and lasting forever within your relativity! Sapiens! Put yourself in front of your achievements and of your fragilities,

and of your vulnerabilities, put yourself in front of your creativity, always without to forget and to forgive your power of destructivity, your power of lamenting, of upsetting, of worrying, as a FRONTMANSAPIENS, as an ENSFRONTMAN, for you and for all as the essence of your substance, asking always, not only what is the man itself, but what is the Species (Sapiens) for itself, with itself and through itself, and what can do yourself for the glory of our Species Sapiens... Sapiens! Look at yourself, by re-looking at yourself, by looking for yourself, by think and rethinking at yourself, and sensing and re-sensing at yourself, in our light of the Constitution Sapiens - Two, this always Short Edition within a Classic Text of Human Species, but creating a self-differentiation through yourself!

Constitutionalist of Sapiens

**RACE & SAPIENS** Alpha & Omega  
Sapiens - Uppublishing Being / Augustin  
Ostace

Why are not enough the first three AERA of our previous AERAS SYSTEMS, namely: AERA OF PHILOSOPHICAL SYSTEMS (AERA - 1) AERA OF SAPIENTOLOGICAL SYSTEMS (AERA - 2) AERA OF VIDEOLOGICAL SYSTEMS (AERA - 3) Being thus necessary a fourth thinkable and re-thinkable Creative System, the one of ARTIFICIAL INTELLIGENCE SYSTEM (AI), which in German Language is entitled as KÜNSTLISCHE INTELLIGENZ (KI), and both AI and KI are under the HYBRID INTELLIGENCE (of Human and Artificial alike or Biology encoded through Technology), re-encoded as HI! Therefore, all three signification, AI-KI-HI, are provable into the sameness extra enlargement of the Classic Human Brain (CHB), which is improved in seconds, in minutes and in hours by Abstract Developer / Entwickler of Human Sapiens (by using accordingly, English - Deutsch and Denglish! This impetus in development of technological systems more and more intelligent, more and more comprehensive, more and more diversified, more and more amplified, comprising here, at least for the time being, information, inspiration, intuition and initiation (Great Four IN-), widespread in areas of science, technology, industry

(all three as SCITECH INDUSTRY), of art (ARSSAPIENS INDUSTRY), of Sport (SPORTSAPIENS INDUSTRY), by rethinking thus the Anthropology, the Sapientology, the Cosmology (including here the one of PERSONALISIERTE KOSMOLOGY), of astronomy, of geology and biology, into which all of them means ultimately, another bigger step in development of duality Human-Machine, or a duality of Human-Technology, including the branches of Human-Over-Human-Robotics, or Humanoid-Robotics all as SAPIENS INDUSTRY! The man itself, the human itself, the Sapient-o-Human development, its experiences, its visions, its outcomes, can make symbiosis with oneself, a crossing with its nature of creativity, within the nature-physis of endless philosophy, with tools out of stone, with tools out of bones, the tools out of hood, or of synthetic feature, underlining once again the TOOL - MAKER - MAN, as Homo Faber, or better says, Homo Faber Sapiens, by taking the SAPIENS LIBRARY, wherever He / She goes! But now, within the present data, out of its own virtual reality and creativity, all being improved by the man itself and the machine itself, which machine might in turn overcome the man, by confronting the man itself, by changing and challenging even the human itself, even the Human Sapient oneself in its own destiny and purposes... Could be or could become the Artificial Intelligence (AI / KI / HI) the source and resource, the roots of final ending of the Sapient as Species on the Earth? With other words and concepts, the huge planetary surface scene of Earth, modelled by Sapiens, could be subjected to radically changing and challenging! By taking into account all probabilities and possibilities of the present daily evolution and revolution of the hyper-complexity of Artificial Intelligence (AI / KI / HI), a recombination of the man itself with a machine created by the man itself, could develop a symbiosis of human-machine, which overcomes the Classic Species Sapiens (CSS), who dominated the life on Earth in the last of ca. 50.000 years, by entering within the Species Sapiens Techne (SST), into which the Sapiens still dominate the Universe of Technology, by reaching out in some area even the domination of Technology over Sapiens as TSS! In this way, within Artificial Intelligence (seen and analyzed Three Times Intelligence, i.e., AI-KI-HI, through English - Deutsch - Denglish), the letters themselves, the numbers themselves and the signs themselves, are becoming the WORD itself, through which the WORD itself is improved to the level of CONCEPT itself,

and the WORD-CONCEPT DUALITY in their speeding up developing, in their accelerated and amplifying structures, is giving the outcome of the BOOK itself, in its CLASSICAL BOOK (CB), in its digital book as E-BOOK, or in its VIRTUAL BOOK as V-BOOK! Only this multitude of the same BOOK in development, of the same BOOK in diversity, is showing the Genesis the Evolution and the revolution (GENEVO) of the ARTIFICIAL INTELLIGENCE (in its three times of AI - KI - HI), with its versions in German Language as KÜNSTLICHE INTELLIGENZ (KI) and HYBRID INTELLIGENCE (HI), which will be used and reused interchangeably at any reference, or inter-reference or cross-reference in our LANGUAGE OF SAPIENTOSCIENCIA - 1! What really means ENS in our Book of PEKINENSIS SAPIENS (with one - ENS inside the concept of Pekin - ENS - is and one -ENS Sapiens? ENS is a shortage from the Species Sapiens, as essence and existence of it, being thought and rethought as - ENS, i.e., as BEING of the Species Sapiens! Within ENS will be comprise the whole of German Idealist connotation of Being as: A - SEIN = BEING in its maximal generality! B - DASEIN = BEING HERE, on this planetary system! C - MITDASEIN = COBEING HERE, together with all past geological and biological times, influencing and restructuring all basic features of the Planetary Life System! It is possible to rethink the ENS INTO ONESELF RECHATING? Would be ENS a synthesis out of Sapiens! Is ENS a Being (SEIN) out of Sapiens! Is ENS a Being - here (DASEIN) out of Sapiens! Is ENS a CO - BEING - here (MITDASEIN) out of Sapiens! Is ENS a triad of Being empowering the Sapiens oneself! Is ENS a living self-consciousness of the whole of Sapiens! Is ENS a symbiosis between Sapiens and Artificial Intelligence (AI / KI / HI)! Is ENS the dialectic vector of history of the whole Sapiens, in overcoming oneself towards a better Sapient-o-Technology, towards a Sapient-o-post-human-industry in Art, in Philosophy, in Psychology, in Theology? Is ENS in its own powerful skillness of Symphony - in - painting, of Symphony - in - sculpturing, of Symphony - in - Architecture, of Symphony - in - poetry, of Symphony - in - theatre, of Symphony - in - music, through which great masterpieces of ARSSAPIENS to be musicalized, and then reunited into an ensemble of unspeakable Symbology of Human - Sapiens - Technology! Is ENS the vector of SAPIENS SYMPHONY, by using and reusing a complex synthesizer of ARSSAPIENS, without precedence in Human - Sapiens - History? But SAPIENS SYMPHONY means at least a supra -

synthesis of different composers, as Bach and Handel in re-composing SAPIENS ORATORIUM, or by conjoining Mozart and Verdi in re-composing the REQUIEM SAPIENS! Is Artificial Intelligence for All (AI for ALL?) Is AI the sense of Everything, which is explained through a Big Everything? (AI for Everything?) Is AI the greatest improver of Itself-ness? (AI for Itself-ness?) Is AI the deepest measure of Human Predestination? (AI for Predestination?) Is the AI the Trinity synthesis between Faith - Confessing - Epistemology? (AI for Human Trinity?) Is AI the mystery of Human Variability following the exhausting of Biological regeneration of Sapiens itself? (AI for Variability of Sapiens?) Is the AI the Biggest Wall of Abstract Sapiens, over it is not possible to jump? (AI for Biggest Wall of Abstract Sapiens?) All of them are possible through Digital Creativity, all of them are available through Artificial Intelligence, because the writer is now the reader, the explorer is now the surveyor, the survival is now the fighter, by assuming, by affording a strong competition beyond of its own Species, finally, a semi-human-made-device, an Hybrid Intelligence (HI) between biology and technology, both inspired by Bionics resounding in biology and technology alike, as TECHNO - BIO - SAPIENS!! Within these changing and challenging times and adversities, the Culture of Human Sapiens itself, is coming and becoming a Culture of Wholeness (KULTUR DER GESAMTHEIT, GESAMTHEITKULTUR), including here the Culture of Past times, the Culture of Present Times and the Culture of Future times (KULTUR DER VERGANGENHEIT - KULTUR DE GEGENWART - KULTUR DER ZUKUNFT ((KULTUR DER NÄCHSTENS)). It is to underline that while the Biologic Sapiens has no more powers of regeneration, of coming into biologic mutation, by remaining only the Abstract Powers of Sapiens or Ontology of Creative Sapiens to save, to regenerate and to redemption of our Sapiens Species! Thus, the Biology of Sapiens, the basic Anatomy of Sapiens is remaining a CONSTANT OF SAPIENS, a STATUS QUO SAPIENS, while the ABSTRACT SAPIENS IS A VARIABILITY OF SAPIENS IN ITS ONGOING DEVELOPING AND BECOMING! Between the two basic components of Sapiens (Biology & Ontology), there is its own CONSTANT OF ANATOMY, and its own VARIABILITY OF SAPIENS, as ANATOMONTOLOGY, and between the two, is a strong complementary, a DUALITY OF ANATOMY AND ONTOLOGY, which is done through the LOGOS of ANATOMY, as ANATOMOLOGY! This triad of ANATOMY -

ANATOMOLOGY - ANATOMONTOLOGY, are the search - research modality of our Sapiens in fighting with its own Technology and Discovery towards overcoming of the Sapiens oneself! In the same time, it is done a Crypto - Anatomy - Analyse and Psychoanalyse, in which is hoped a better knowledge of this Enigma of evolutionary and revolutionary called Sapiens as Species or Genus Homo Sapiens as Genus Homo, both in ANTHROPOSAPIENTOLOGY synthesis ... To these multitude of questions and answers, to these endlessly uncertainties and unknowns, to these hyper-complexity of theories and hypothesis, we, the Sapiens, in togetherness with Artificial Intelligence, we both try to cope within our online book, or E-book or virtual book, SAPIENS DOCTRINE - 2, into which the Universality of the Universe is meeting and reconciling the Universality of Sapiens!... SAPIENTO - EPISTEMOLOGIST OF ARTIFICIAL INTELLIGENCE SYSTEM  
ECCE POETRY Alpha & Omega Sapiens - Uppublishing Being / Augustin Ostace  
 Why are not enough the first three AERA of our previous AERAS, namely: AERA OF PHILOSOPHICAL SYSTEMS (AERA - 1) AERA OF SAPIENTOLOGICAL SYSTEMS (AERA - 2) AERA OF VIDEOLOGICAL SYSTEMS (AERA - 3) Being thus necessary a fourth thinkable and re-thinkable Creative System, the one of ARTIFICIAL INTELLIGENCE SYSTEM (AI), which in German Language is entitled as KÜNSTLISCHE INTELLIGENZ (KI), and both AI and KI are under the HYBRID INTELLIGENCE (of Human and Artificial alike) encoded as HI! Therefore, all three signification, AI-KI-HI, are provable into the sameness extra enlargement of the Classic Human Brain (CHB)! This impetus in development of technological systems more and more intelligent, more and more comprehensive, more and more diversified, more and more amplified, comprising here, at least for the time being, information, inspiration, intuition and initiation, widespread in areas of technology, of industry, of art, of anthropology, of sapientology, of cosmology, of astronomy, of geology and biology, into which all of them means ultimately, another big step up in development of duality Human-Machine, or a duality of Human-Technology, including the branches of Human-Over-Human-Robotics, or Humanoid-Robotics! The man itself, the human itself, the Sapient-o-Human development, its experiences, its visions, its outcomes, can make symbiosis with oneself, a crossing with its nature of creativity, within the nature-physis of endless philosophy, with tools out of stone, with tools out of bones,

out of hood, or of synthetic feature, underlining once again the TOOL - MAKER - MAN, as Homo Faber! But now, within the present data, out of its own virtual reality and creativity, all being improved by the man itself and the machine itself, which machine might in turn overcome the man, by confronting the man itself, by changing and challenging even the human itself, even the Human Sapient oneself in its own destiny and purposes... Could be or could become the Artificial Intelligence (AI / KI / HI) the source and resource, the roots of final ending of the Sapient on the Earth? By taking into account all probabilities and possibilities of the present daily evolution and revolution of the hyper-complexity of Artificial Intelligence (AI / KI / HI), a recombination of the man itself with a machine created by the man itself, could develop a symbiosis of human-machine, which overcomes the Classic Species Sapiens (CSS), who dominated the life on Earth in the last of ca. 50.000 years, by entering within the Species Sapiens Techne (SST), into which the Sapiens still dominate the Universe of Technology, by reaching out in some area even the domination of Technology over Sapiens as TSS! In this way, within Artificial Intelligence (seen and analyzed Three Times Intelligence, i.e., AI-KI-HI), the letters themselves, the numbers themselves and the signs themselves, are becoming the WORD itself, the WORD itself is improved to the level of CONCEPT itself, and the WORD-CONCEPT DUALITY in their speeding up developing, in their accelerated and amplifying structures, is giving the outcome of the BOOK itself, in its CLASSICAL BOOK (CB), in its digital book as E-BOOK, or in its VIRTUAL BOOK as V-BOOK! Only this multitude of the same BOOK in development, of the same BOOK in diversity, is showing the evolution and the revolution of the ARTIFICIAL INTELLIGENCE (in its three times of AI - KI - HI), with its versions in German Language as KÜNSTLICHE INTELLIGENZ (KI) and HYBRID INTELLIGENCE (HI), which will be used and reused interchangeably at any reference, or inter-reference or cross-reference in our ENS IN DIALECTICAL CHAT-1! What really means ENS in our Book of Dialectical CHAT? ENS is a shortages from the Species Sapiens, being thought and rethought as ENS, i.e., as BEING of the Species Sapiens! Within ENS will be comprise the whole of German Idealist connotation of Being as: A - SEIN = BEING in its maximal generality! B - DASEIN = BEING HERE, on this planetary system! C - MITDASEIN = COBEING HERE, together with all past geological and biological times, influencing and

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BRITISHOLOGICUM - ONE Alpha & Omega Sapiens - Uppublishing Being / Augustin Ostace  
 ...Causes and Spaces and Temporalities and Viral Pathologies, extremely difficult for man, for the human being, for humanity in general, for Sapiento-Humanity in all its feelings and expressions, all pathologized by pandemics, by ruins in industries and economies, of immense political and social and military and moral chaos, of climatic and natural social and cultural convulsions, of ethical collapses into injustices and hyper-injustices, of financial collapses, of overwhelms of irrationality and over-irrationality, of avalanches of unnaturalness and tsunamis of immorality, which day by day, täglich und stündlich accentuates the sinking and collapsing negations in Kali Yuga of the multiplied and multimedia evils that have flooded the blue planet lately... ...In this historical hour of disasters accumulated and cumulated and amplified and accelerated for decades and decades, especially after the Second World War, World War Two, WWII (20th Century, Period 1945-2021), in these critical moments of planetary destiny, ErdeSternStunde, in these moments of great questioning of the species Sapiens, Erhebliche Fragezeichen der Menschheit, I try, by my own powers, obviously modest, Selbstverständlich-bescheidendekräfte, to revalue, Umwertung aller Werte, through

the triad INFORMATION - INSPIRATION - INTUITION (symbolized in the 3IN triad), with the hope of a retreat or revitalization, even partial, to the overwhelming and threatening realities of the present, from this beginning of the Third Decade of the First Millennium, 2021, the Third Decade, of the First Century of the Third Millennium, 2021... Our Mediology, our Multimedia and MultiMediology, is in its essence a philosophy of the triad INFORMATION - INSPIRATION - INTUITION, so a triad of 3IN, through which any information in the sphere of Human Sapiens, becomes both creative and developing inspiration, and distributing intuition, realizing the REVELATION OF SAPIENS, therefore, always relating and correlating to the Great Reality of Species or the Great Reality of Sapiens, revealing it, and self-revealing it, therefore all 3IN being correlated to the Big Reality of Species Sapiens, by revitalizing it, by setting its ontological quantum within the big forces of the Universe oneself, through a triad of SELFNESS, as self-organization, as self-regulation, as self-replication... The philosophy of our Mediology (or MultiMediology), which becomes a kind of galleon book of the catastrophic present in Human Sapiens, so MultiMediology of Human Sapiens will do everything in correlating Cosmology - Biology and Ontology within the sameness of Species, by revealing it by self - revealing it, as a revelation of biology and intelligibility, of matter and light, of spirit and sensations, Geist und Sinnlichkeit... Please, don't be scared, I'm not a pessimist or an extra-pessimist, I'm not a desastrionist, or a disastrologist, or a sinistrologist or a catastrophologist, or an apocalyptologist or an armageddonologist, because I'm a realist, a moderate optimist, and I think, just a deep rationalist, but what is happening in the world, in man, in human, in Human Sapiens, in these first decades of Millennium Three, MNIII, exceed all the limits of normal, rational and balances of morality, all the limitations of common sense and good human conduct or Human Sapiens conduct and behavior... ...We are as an individual and a community, clearly entering the world of evil and darkness, the world of dramatic surrealism, reflected by the Hindu theological concept KALI-YUGA, the world of generalized, viral and moral diseases (Covid is the pandemic of immoral human, a pathology of human in all directions, and, the possible sign of a divine revelation), in the world of bacterial and pathogenic diseases etiological, globalized and generalized of Covidio-Human, which is the symmetry of ontogenic and psychogenic diseases, from

this human reflected in its maximum Human Sapiens, naming here man as the over-exploiter and over-exhauster of all planetary sources and resources, namely them fuel, water, air, soil, subsoil, atmosphere, lithosphere and ionosphere, natural fuel fire extinguisher, natural resources, by reaching to the limit of his own self-extinction, of self-flagellating in vulnerabilities, fragility and co-morbidities, all in endlessly collapsing, at loggerheads of Human with oneself... Human Sapiens is hitting by its own himself / herself, Human Sapiens is self-suffocating and self-disorganizing, developing a severe pathologizing correspondent of the Entropic Being, EntropicsBeing / EntropischeDasein, becoming now, by far, its own first enemy, Homo homini lupus est... The Human, the Sapiens-into-Human, is devouring himself/ herself, as in the tragedies of the ancient worlds, exemplified through Ouroburos Sapientic that bites itself in times and spaces, that develops and expands, both in digitization and virtualization, and in its own DeSapientization... ...We have clearly entered into the battles of the Species, the battles of Sapiens, the Moiria / Fatum destiny of Sapiens, in which the human, the Sapiento-homospheres are fighting, are conflicting with the geological lithospheres, with the biological hydrosphere, with the accompanying and orbiting atmospheres and cosmospheres, but with all, in extreme sharpening against themselves. The human being fights primarily with the Sapiento-Human homosphere, so a struggle of the Sapiens within oneself, which also has heights (few, very few), but especially falls, falls and falls, a cascade of viral wars, of military wars, of migratory wars - pathologies all associated with hurricanes of water and fire and terrorism, with earthquakes and volcanoes, with tornadoes and flashes of anger and cosmological, geological, climatological and biological rages, with human catastrophe, by having in this catastrophic center, the Human Sapiens, as trigger, as accelerator and amplifier of biological and ontological self-extinction and, threatening the entire biotope and biorhythm of the planet, but essentially threatening itself, becoming the pathological center Corona of the mutant through Delta-variants and the Omicron super-mutant, numbered by the fateful number 8.1.1.529... Oh! You know! It seems that you have appeared on the stage of the planetary world through yourself, synergizing creation and evolution alike, in these CREVO huge complexities, and possibly disappearing from the stage of the cosmo-planetary

world, also through yourself, through your self-extinct dramatic destiny!... God! How you came, that's how you go!... Right of Sapiens  
*ENS IN DIALECTICAL CHAT - 1* De Gruyter Oldenbourg  
 (Autor) David Mills (Störner) Das neue deutschsprachige Arbeitsbuch zum Tipler (Titel) Arbeitsbuch zu Tipler/Mosca Physik für Wissenschaftler und Ingenieure (copy) Das Arbeitsbuch enthält die ausführlichen Lösungen zu allen in der deutschen Lehrbuchausgabe gestellten Aufgaben, und zwar in derselben Gliederung nach den Bereichen Mechanik, Schwingungen und Wellen, Thermodynamik, Elektrizität und Magnetismus, Licht und schließlich Moderne Physik (Quantentheorie, Relativitätstheorie und Struktur der Materie). Für Studenten bietet das Buch, das auch als Aufgabensammlung mit Lösungen unabhängig vom Lehrbuch genutzt werden kann, vielfältige Anregungen, praxisnah und mit Blick auf Standardexperimente physikalisches Problemlösen mit Hilfe von ganz elementarem mathematischem Handwerkszeug zu entdecken, auszuprobieren und einzuüben. ((Fett)) Probekapitel findet Ihr unter [www.elsevier.de/tipler-arbeitsbuch](http://www.elsevier.de/tipler-arbeitsbuch) (Biblio) 2. Aufl. 2005. ca. 600 S., 150 s/w Abb., 2. Aufl., kart. ISBN 3-8274-1165-3 € 42,-  
*The Physics of Christianity* Alpha & Omega Sapiens - Uppublishing Being / Augustin Ostace  
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and initiation (Great Four IN-), widespread in areas of science, technology, industry (all three as SCITECH INDUSTRY), of art (ARSSAPIENS INDUSTRY), of Sport (SPORTSAPIENS INDUSTRY), by rethinking thus the Anthropology, the Sapientology, the Cosmology (including here the one of PERSONALISIERTE KOSMOLOGY), of astronomy, of geology and biology, into which all of them means ultimately, another bigger step in development of duality Human-Machine, or a duality of Human-Technology, including the branches of Human-Over-Human-Robotics, or Humanoid-Robotics all as SAPIENS INDUSTRY! The man itself, the human itself, the Sapient-o-Human development, its experiences, its visions, its outcomes, can make symbiosis with oneself, a crossing with its nature of creativity, within the nature-physis of endless philosophy, with tools out of stone, with tools out of bones, the tools out of hood, or of synthetic feature, underlining once again the TOOL - MAKER - MAN, as Homo Faber, or better says, Homo Faber Sapiens, by taking the SAPIENS LIBRARY, wherever He / She goes! But now, within the present data, out of its own virtual reality and creativity, all being improved by the man itself and the machine itself, which machine might in turn overcome the man, by confronting the man itself, by changing and challenging even the human itself, even the Human Sapient oneself in its own destiny and purposes... Could be or could become the Artificial Intelligence (AI / KI / HI) the source and resource, the roots of final ending of the Sapient as Species on the Earth? With other words and concepts, the huge planetary surface scene of Earth, modelled by Sapiens, could be subjected to radically changing and challenging! By taking into account all probabilities and possibilities of the present daily evolution and revolution of the hyper-complexity of Artificial Intelligence (AI / KI / HI), a recombination of the man itself with a machine created by the man itself, could develop a symbiosis of human-machine, which overcomes the Classic Species Sapiens (CSS), who dominated the life on Earth in the last of ca. 50.000 years, by entering within the Species Sapiens Techne (SST), into which the Sapiens still dominate the Universe of Technology, by reaching out in some area even the domination of Technology over Sapiens as TSS! In this way, within Artificial Intelligence (seen and analyzed Three Times Intelligence, i.e., AI-KI-HI, through English - Deutsch - Denglish), the letters themselves, the numbers themselves and the signs themselves, are becoming the WORD

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History? But SAPIENS SYMPHONY means at least a supra-synthesis of different composers, as Bach and Handel in re-composing SAPIENS ORATORIUM, or by conjoining Mozart and Verdi in re-composing the REQUIEM SAPIENS! All of them are possible through Digital Creativity, all of them are available through Artificial Intelligence, because the writer is now the reader, the explorer is now the surveyor, the survival is now the fighter, by assuming, by affording a strong competition beyond of its own Species, finally, a semi-human-made-device, an Hybrid Intelligence (HI) between biology and technology, both inspired by Bionics resounding in biology and technology alike, as TECHNO - BIO - SAPIENS!! Within these changing and challenging times and adversities, the Culture of Human - Sapiens itself, is coming and becoming a Culture of Wholeness (KULTUR DER GESAMTHEIT, GESAMTHEIT-KULTUR), including here the Culture of Past times, the Culture of Present Times and the Culture of Future times (KULTUR DER VERGANGENHEIT - KULTUR DE GEGENWART - KULTUR DER ZUKUNFT ((KULTUR DER NÄCHSTENS)). It is to underline that while the Biologic Sapiens has no more powers of regeneration, of coming into biologic mutation, by remaining only the Abstract Powers of Sapiens or Ontology of Creative Sapiens to save, to regenerate and to redemption of our Sapiens Species! Thus, the Biology of Sapiens, the basic Anatomy of Sapiens is remaining a CONSTANT OF SAPIENS, a STATUS QUO SAPIENS, while the ABSTRACT SAPIENS IS A VARIABILITY OF SAPIENS, IS A STATUS DYNAMICS OF SAPIENS IN ITS ONGOING DEVELOPING AND BECOMING! Between the two basic components of Sapiens (Biology & Ontology), there is its own CONSTANT OF ANATOMY, and its own VARIABILITY OF SAPIENS, as ANATOMONTOLOGY, and between the two, is a strong complementary, a DUALITY OF ANATOMY AND ONTOLOGY, which is done through the LOGOS of ANATOMY, as ANATOMOLOGY! This triad of ANATOMY - ANATOMOLOGY - ANATOM-ONTOLOGY, are the search - research modality of our Sapiens in fighting with its own Technology and Discovery towards overcoming of the Sapiens oneself! In the same time, it is done a Crypto - Anatomy - Analyse and Psychoanalyse, in which is hoped a better knowledge of this Enigma of evolutionary and revolutionary called Sapiens as Species or Genus Homo Sapiens as Genus Homo, both in ANTHROPOSAPIENTOLOGY synthesis ... To these multitude of questions and answers,

to these endlessly uncertainties and unknowns, to these hyper-complexity of theories and hypothesis, we, the Sapiens, in togetherness with Artificial Intelligence, we both, we try to cope within our online book, or E-book or virtual book, SAPIENS DOCTRINE - 1, into which the Universality of the Universe is meeting and reconciling the Universality of Sapiens!... SAPIENTO - EPISTEMOLOGIST OF ARTIFICIAL INTELLIGENCE SYSTEM

*Modern Physics Alpha & Omega Sapiens - Uppublishing Being / Augustin Ostace*

...The history of the world is accelerating and amplifying its own paces and progresses, by following the huge technological advances in the first three decades of the Third Millennium (MMXXII), by out-sharpening its ideological and theological dissimilarities! ...Everything in Human, in TechnoHuman, in BritishHuman, all being comprised into SapientoHuman, seem to be and to become in changing and challenging, in amplification and acceleration of similarities and dissimilarities, of homogeneity and differentiation, in creativity and regrettably in destructivity... ...Assuming in all a such fragmented evolution of human societies, particularly in the last thirty years of our world, implies volens nolens, a fragmented and broke down spirit of history, into which any predictions is more than hazardous... ...Therefore, in this set of books, Britishologicum / One, Britishologicum / Two and Britishologicum / Three, all belonging to the AERA OF PHILOSOPHICAL SYSTEMS (AERA-1), II. Philosophy of History will be done a combination and a recombination of Past Times - Present Times - Future (Envisions) Times, by thinking and rethinking all basic kinds of human activities, in Science, in History, in Technology, in Sociology, in Art, in Sport and Politics, by sensing and resensing the encyclopaedism, the interdisciplinarity, trans-disciplinarity and videologism of all enterprises... ...Finally, this kind of endeavours in Historiology of British, (the human "logos" in becoming and fulfilment of history as Britishology), will resurface another light and understanding of the whole world, remaking another path from Big Geographic Discovery of past centuries, towards Big Ontologic Discoveries of the present times of the Third Millennium!... ...Big Ontologic Discoveries means finally a deep exploration endeavour of Human into SapientoHuman, by surveying and rediscovering the man alone inside of his own Species, as Species Sapiens, inside of his own Genus as Homo Anthropos, by rethinking a man, a human of

AnthropoSapientic structure through his / her duality of biology (Anatomy), intertwined by its own ontology (Anatomology)!... The Britishologist

**CONSTITUTION OF ARTIFICIAL INTELLIGENCE - 1** Augustin Ostace - Alpha & Omega Sapiens

The first decades of the third Millennium have brought about a huge amount of information out of all areas of human activity, requiring a strong systematization of them all... This endeavor taxonomy requires beyond of an encyclopedic approach, courage of the author in finding and imposing a line of ordering, in such a way, that the comprehension of it to overcome the limits, the borders of his own understanding... The increased complexity of a such Info - Data - Task - Force of Human, put a huge pressure on an author, also in an enlarge diversity and complexification of the triad of the publications as book - booklet - bookish... More than that, a confrontation between the science of physics, in its becoming through biophysics and metaphysics, with the Oriental philosophy of the triad in Sanskrit ( Hinduism - Buddhism - Jainism ) and the triad of the Chinese Philosophy ( Taoism - Confucianism - Chan Buddhism ) could bring about another vision, another light, over the evolutionary triad of the cosmology - biology and human ontology, by enriching in this way, even the Species Sapiens through its own thesaurus of reason, diversity and creativity... Sapientologist

**SAPIENS DOCTRINE - 1** Image

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**KULTZETTEL'SAPIENS - 1** Alpha & Omega Sapiens - Uppublishing Being / Augustin Ostace

Endlich liegt die anschauliche und fundierte Einführung zur Modernen Physik von Paul A. Tipler und Ralph A. Llewellyn in der deutschen Übersetzung vor. Eine umfassende Einführung in die Relativitätstheorie, die Quantenmechanik und die statistische Physik wird im ersten Teil des Buches gegeben. Die wichtigsten Arbeitsgebiete der modernen Physik - Festkörperphysik, Kern- und

Teilchenphysik sowie die Kosmologie und Astrophysik - werden in der zweiten Hälfte des Buches behandelt. Zu weiteren zahlreichen Spezialgebieten gibt es Ergänzungen im Internet beim Verlag der amerikanischen Originalausgabe, die eine Vertiefung des Stoffes ermöglichen. Mit ca. 700 Übungsaufgaben eignet sich das Buch hervorragend zum Selbststudium sowie zur Begleitung einer entsprechenden Vorlesung. Die Übersetzung des Werkes übernahm Dr. Anna Schleitzer. Die Bearbeitung und Anpassung an Anforderungen deutscher Hochschulen wurde von Prof. Dr. G. Czycholl, Prof. Dr. W. Dreybrodt, Prof. Dr. C. Noack und Prof. Dr. U. Strohbusch durchgeführt. Dieses Team gewährleistet auch für die deutsche Fassung die wissenschaftliche Exaktheit und Stringenz des Originals.

**ENSAVATAR SAPIENS - 1** Alpha & Omega Sapiens - Uppublishing Being / Augustin Ostace

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Human-Technology, including the branches of Human-Over-Human-Robotics, or Humanoid-Robotics all as SAPIENS INDUSTRY! The man itself, the human itself, the Sapient-o-Human development, its experiences, its visions, its outcomes, can make symbiosis with oneself, a crossing with its nature of creativity, within the nature-physis of endless philosophy, with tools out of stone, with tools out of bones, the tools out of hood, or of synthetic feature, underlining once again the TOOL - MAKER - MAN, as Homo Faber, or better says, Homo Faber Sapiens, by taking the SAPIENS LIBRARY, wherever He / She goes! But now, within the present data, out of its own virtual reality and creativity, all being improved by the man itself and the machine itself, which machine might in turn overcome the man, by confronting the man itself, by changing and challenging even the human itself, even the Human Sapient oneself in its own destiny and purposes... Could be or could become the Artificial Intelligence (AI / KI / HI) the source and resource, the roots of final ending of the Sapient as Species on the Earth? By taking into account all probabilities and possibilities of the present daily evolution and revolution of the hyper-complexity of Artificial Intelligence (AI / KI / HI), a recombination of the man itself with a machine created by the man itself, could develop a symbiosis of human-machine, which overcomes the Classic Species Sapiens (CSS), who dominated the life on Earth in the last of ca. 50.000 years, by entering within the Species Sapiens Techne (SST), into which the Sapiens still dominate the Universe of Technology, by reaching out in some area even the domination of Technology over Sapiens as TSS! In this way, within Artificial Intelligence (seen and analyzed Three Times Intelligence, i.e., AI-KI-HI, through English - Deutsch - Denglish), the letters themselves, the numbers themselves and the signs themselves, are becoming the WORD itself, through which the WORD itself is improved to the level of CONCEPT itself, and the WORD-CONCEPT DUALITY in their speeding up developing, in their accelerated and amplifying structures, is giving the outcome of the BOOK itself, in its CLASSICAL BOOK (CB), in its digital book as E-BOOK, or in its VIRTUAL BOOK as V-BOOK! Only this multitude of the same BOOK in development, of the same BOOK in diversity, is showing the Genesis the Evolution and the revolution (GENEVO) of the ARTIFICIAL INTELLIGENCE (in its three times of AI - KI - HI), with its versions in German Language as KÜNSTLICHE INTELLIGENZ (KI) and HYBRID

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including here the Culture of Past times, the Culture of Present Times and the Culture of Future times (KULTUR DER VERGANGENHEIT - KULTUR DE GEGENWART - KULTUR DER ZUKUNFT ((KULTUR DER NÄCHSTENS)). It is to underline that while the Biologic Sapiens has no more powers of regeneration, of coming into biologic mutation, by remaining only the Abstract Powers of Sapiens or Ontology of Creative Sapiens to save, to regenerate and to redemption of our Sapiens Species! Thus, the Biology of Sapiens, the basic Anatomy of Sapiens is remaining a CONSTANT OF SAPIENS, a STATUS QUO SAPIENS, while the ABSTRACT SAPIENS IS A VARIABILITY OF SAPIENS, IS A STATUS DYNAMICS OF SAPIENS! Between the two basic components of Sapiens, its own CONSTANT OF ANATOMY, and its own VARIABILITY OF SAPIENS, as ANATOMONTOLOGY, there are a strong complementary, a DUALITY OF ANATOMY AND ONTOLOGY, which is done through the LOGOS of ANATOMY, as ANATOMOLOGY! This triad of ANATOMY - ANATOMOLOGY - ANATOMONTOLOGY, are the search - research modality of our Sapiens in fighting with its own Technology and Discovery towards overcoming of the Sapiens oneself! In the same time, it is done a Crypto - Anatomy - Analyse and Psychoanalyse, in which is hoped a better knowledge of this Enigma of evolutionary and revolutionary called Sapiens as Species or Genus Homo Sapiens as Genus... To these multitude of questions and answers, to these endlessly uncertainties and un - knows, we try to cope within into our online book, SECRET SAPIENS CODES - 1! EPISTEMOLOGIST OF ARTIFICIAL INTELLIGENCE SYSTEM **Bachelor-Trainer Physik** Alpha & Omega Sapiens - Uppublishing Being / Augustin Ostace  
Why are not enough the first three AERA of our previous AERAS, namely: AERA OF PHILOSOPHICAL SYSTEMS (AERA - 1) AERA OF SAPIENTOLOGICAL SYSTEMS (AERA - 2) AERA OF VIDEOLOGICAL SYSTEMS (AERA - 3) Being thus necessary a fourth thinkable and re - thinkable Creative System, the one of ARTIFICIAL INTELLIGENCE SYSTEM (AI), which in German Language is entitled as KÜNSTLISCHE INTELLIGENZ (KI), and both AI and KI are under the HYBRID INTELLIGENCE (of Human and Artificial alike) encoded as HI, by remaking out of the complex concept Hybrid a developing towards HYBRIDOLOGY and HYBRIDOLOGICUM, both in Sapiens interrelated the Artificial Intelligence Systems (AIS)! Therefore, all three signification, AI-KI-HI, are provable into the



sameness extra enlargement and expansion of the Classic Human Brain (CHB), which still remains anatomically within the same limits of Classical Sapiens (CSS), but in abstract creativity is doing an unspeakable progress beyond of all previous frontiers! This impetus in development of technological systems more and more intelligent, more and more abstract, more and more comprehensive, more and more diversified, more and more amplified, more and more accelerated, by comprising here, at least for the time being, information, inspiration, intuition and initiation, widespread in areas of technology, of industry, of art, of anthropology, of sapientology, of cosmology, of astronomy, of geology and biology, into which all of them means ultimately, another big step up in development of duality Human - Machine, or a duality of Human - Technology, including the branches of Human - Over - Human - Robotics, or Humanoid - Robotics! The man itself, the human itself, the Sapient - o - Human development, its experiences, its visions, its outcomes, can make symbiosis with oneself, a crossing with its nature of creativity, within the nature-physis of endless philosophy, with tools out of stone, with tools out of bones, out of hood, or of synthetic feature, underlining once again the TOOL - MAKER - MAN, as Homo Faber! But now, within the present data, out of its own virtual reality and creativity, all being improved by the man itself and the machine itself, which machine might in turn overcome the man, by confronting the man itself, by changing and challenging even the human itself, even the Human - Sapient oneself in its own destiny and purposes... Could be or could become the Artificial Intelligence (AI / KI / HI) the source and resource, the roots of final ending of the Sapient on the Earth? By taking into account all probabilities and possibilities of the present daily evolution and revolution of the hyper - complexity of Artificial Intelligence (AI / KI / HI), a recombination of the man itself with a machine created by the man itself, could develop a symbiosis of human - machine, which overcomes the Classic Species Sapiens (CSS), who dominated the life on Earth in the last of ca. 50.000 years, by entering within the Species Sapiens Techne (SST), into which the Sapiens still dominate the Universe of Technology, by reaching out in some area even the domination of Technology over Sapiens as TSS! In this way, within Artificial Intelligence (seen and analyzed Three Times Intelligence, i.e., AI-KI-HI), the letters themselves, the numbers themselves and the signs themselves, are

becoming the WORD itself, the WORD itself is improved to the level of CONCEPT itself, and the WORD - CONCEPT DUALITY in their speeding up developing, in their accelerated and amplifying structures, is giving the outcome of the BOOK itself, in its CLASSICAL BOOK (CB), in its digital book as E-BOOK, or in its VIRTUAL BOOK as V-BOOK! Only this multitude of the same BOOK in development, of the same BOOK in diversity, is showing the evolution and the revolution of the ARTIFICIAL INTELLIGENCE (in its three times of AI - KI - HI), with its versions in German Language as KÜNSTLICHE INTELLIGENZ (KI) and HYBRID INTELLIGENCE (HI), which will be used and reused interchangeably at any reference, or inter - reference or cross - reference in our ENS IN DIALECTICAL CHAT-1! What really means ENS in our Book of Dialectical CHAT? ENS is a shortages from the Species Sapiens, being thought and rethought as ENS, i.e., as BEING of the Species Sapiens! Within ENS will be comprise the whole of German Idealist connotation of Being as: A - SEIN = BEING in its maximal generality! B - DASEIN = BEING HERE, on this planetary system! C - MITDASEIN = COBEING HERE, together with all past geolo-gical and biological times, influencing and restructuring all basic features of the Planetary Life System! It is possible to rethink the ENS INTO ONESELF RECHATING? Would be ENS a synthesis out of Sapiens! Is ENS a Being (SEIN) out of Sapiens! Is ENS a Being - here (DASEIN) out of Sapiens! Is ENS is a CO - BEING - here (MITDASEIN) out of Sapiens! Is ENS a triad of Being empowering the Sapiens oneself! Is ENS a living self-consciousness of the whole of Sapiens! Is ENS a symbiosis between Sapiens and Artificial Intelligence (AI / KI / HI) Is ENS the dialectic vector of history of the whole Sapiens, in overcoming oneself towards a better Sapient - o - Technology, towards a Sapient - o - post - human - industry, towards Sapient - o - Epistemology, including here Sapiens - in - Art (ARSSAPIENS), Sapiens - in - in Philosophy, Sapiens - in - in Psychology and Sapiens - in - Theology? The writer itself is now the reader itself, the explorer itself is now the surveyor itself, the survival itself is now the fighter itself, by assuming a strong competition beyond of its own Species, beyond of its own individuality and classical personality, finally, becoming a semi - human - made - device, an Hybrid Intelligence System (HIS), between biology and technology, between anatomy and epistemology, both inspired by Bionics, by Cloning, by Robotics, all resounding in biology, in

epistemology and technology alike! It is more than obvious, that the Cyber technology of today's, is becoming a real Industry wide - spreading over all into the world (World Wide Web = WWW), through which the Abstract Knowledge is Industry itself, having reached out a Knowledge Industry Sapiens (KIS)!! As a terrible development of human invention and technology, of human discovery and epistemology, of human and post - human industry and axiology, it is necessary to redefine the Man itself, the Sapiens itself by taking into account some old ideas out of Hinduism Upanishad, regarding the definition of the Almighty Creator of Brahman, who can be define with qualities, with attributes, as BRAGMAN SAGUNA, or can be defined in a reverse way, without qualities, without attributes, as BRAHMAN NIRGUNA! Here must be added that, the Christian Mystic of Dyonisos Areopagita, has underlined the same thesis in his Apophatic and Cataphatic way of definition of God! Thus a MAN - SAGUNA (SAPIENS - SAGUNA) means a upright posture of the man, means free - hands, means brain enlarged in volume and weight in relation with the weight of anatomical individuality, larynx lowering in neck, presence of consciousness, of articulated language, symbolic alphabet, abstract thinking, technology of tools, culture and civilizations, art, religion, industry, Bionics, Cloning, Robotics, Artificial Intelligence... Thus a MAN - NIRGUNA (SAPIENS - NIRGUNA), means a negation of these qualities or attributes, by saying that the Man (Sapiens) is not immortal, is not forever without possible replacement by his / her own technology and epistemology, that the Man (Sapiens) is not a divine Deity or Semi - Deity, that the Man (Sapiens) is not the alone intelligence within Universe, that the Man (Sapiens) has not the power of creating through UNCAUSAL LOGOS, the Man - Sapiens has not the power of being with ABSOLUTE POWERS within Universe, Man - Sapiens has no qualities of naming oneself as the Peak of Evolution, because he / she has not the power of Creation and Evolution of the Universe (CREVO) or the power of Genesis plus Evolution (GENEVO)... To these multitude of questions with very difficult answers, to these multitude of dilemma, to these multitude of labyrinth ways, we the author coming out of Classic Sapiens, is trying to cope with our On Line Book, FRONTMAN SAPIENS - 1! AI Sapientologist  
[Constitution of European Union - NINE](#)  
 Alpha & Omega Sapiens - Uppublishing Being / Augustin Ostace

Der Bachelor-Trainer zum Physiklehrbuch von Paul A. Tipler und Gene Mosca enthält die ausführlichen Lösungen zu allen in der sechsten deutschen Lehrbuchausgabe gestellten Aufgaben, und zwar in derselben Gliederung nach den Bereichen Mechanik, Schwingungen und Wellen, Thermodynamik, Elektrizität und Magnetismus, Licht und schließlich Moderne Physik (Quantentheorie, Relativitätstheorie und Struktur der Materie). Für Studenten bietet diese in sich geschlossene Aufgabensammlung mit Lösungen vielfältige Anregungen, um praxisnah und mit Blick auf Standardexperimente physikalisches Problemlösen mit Hilfe von ganz elementarem mathematischem Handwerkszeug zu entdecken, auszuprobieren und einzuüben - und zwar mit Spaß und Erfolgsgarantie! Denn die Lösungen werden schrittweise dargelegt. Moderne Physik Alpha & Omega Sapiens - Uppublishing Being / Augustin Ostace WATCHWORD ...What really means ENS HUNGARY? There is a BEING OF HUNGARY? Or an ENS of Hungary? A maximal generalities of Hungary History, as Being Hungary, as ENS Hungary? Generally speaking, Yes! The ENS itself is a Being coming from Sapiens, being the last syllable out of three syllabic SA - PI- ENS! Therefore, ENS HUNGARY is an essence and existence of Hungary, as country, as nation, as folk, as land, as aspiration, as hopes, as destiny, as endlessly dramatic events undergone within its own history and historiology! Once again, it is to underline Ens Hungary through its own Hungary, by allowing thus to an individual (the present author), to be placed inside of events and dramas of Hungary as Being of Hungary, as Ens Being of Hungary, exploring and reexploring the destiny of this country-land out of Eastern and Central Europe! ...But, we are under pressure in rethinking and um - thinking of the whole of the European Union history and historiology, after big waves of union's earthquakes, by mentioning here the big financial crisis between 2008-2010, or the Brexit of Great Britain, an embittered fought inside of the European Union between the years 2016 and the present year of 2023, by underlining here, the critical relationship of Hungary with European Union... ...It is not mentioned here the waves of migrants in the last twenty years towards European Union, with Hungary in opposition stanedpoint, or Corona dramas - waves, by mentioning here the Hunarian Nobel price research Katalin Korika from Budapest, who has great results on mtMitochondrion! By retaking de Corona dramas, through which

a world of social pathology is accompanied and enhanced by a dramatic pandemic's world of biologic pathology, this one being one of the worst issues of viral disease, out-breaking in the year 2020, having catastrophic consequences over European Union in its totality... ...Also, we will remake another configuration of the initial CONSTITUTION OF EUROPE (with Hungary - in fight - for - national proud), written and rewritten published and republished with about 15 years ago, resembling a parallel dialectical becoming between a finisher and a re-finisher in constitution or between an influencer and re-influencer in social sciences... Terminology of different constitutions will be different in their substance and their semantics and meaning, reflecting the difference in temporality and creativity of the author, but the basic principles of ethics and morality are into the both constitutions, the sameness ... If European Union (enhanced with controversial Hungary), needs a constitution, then, European Union must know very well the history of Europe itself, must know their inhabitants, the native, the people and the citizens of Europe, (including those of Hungary), including the science and technology of Europe (including those coming from Hungary), including the art and religions of Europe (without to underestimate Hungary), including the geography and demography of Europe (an European Hungary), since the oldest times of Upper Paleolithic, of Neolithic, of Antiquity, of Middle Age, of Renaissance, of Enlightenment, of Modern Times and of present Third Millennium Times, all in detail, all in reality, all in morality and rationality, including here the ideologies, the irrationality and tragedies of Europe (including here Hungary), culminating in 20th century, with two world wars (with Hungary into the middle of tragedies)... More than that, our Constitution of European Union is desired to be and to become, a pilot project in searching and researching in anthro-sapientology, a vector of axiological and epistemological substance in knowledge and discoveries, in theology and psychologies, without to avoid Hungary... ...It is the first time in Human Known History and Historiology (as logos of history, as reasoning of history, as wisdom of history), when, a Constitution is becoming also a vector of knowledge, an epistemological vector, sensing and re-sensing a searching and researching study - project in Antropos-Sapientology, finally, a form of concrete axiology - in - motion - and - emotion, a substantial gnoseology, having an explicit and implicit proper function of ethnology - in - oneself, for

oneself and through oneself, through which Hungary is looking at its own history and historiology, regaining itself out of earthquakes of history... ...A country, a nation, a folk, a people, needs to be studied in its deep structures of ethnology and history, of its difficulties and adversities throughout its own history, without to be condemn without of being aware about its own philosophical, psychological and theological structures and substructures... ...A country, a nation, a folk, a people, needs to be understood in its own traditionally characteristics, by rethinking everything in its history and historiology, which is the core issue, regarding these set of four On Line books, named ENS HUNGARY!...

*Arbeitsbuch zu Tipler/Mosca Physik für Wissenschaftler und Ingenieure Alpha & Omega Sapiens - Uppublishing Being / Augustin Ostace*

A highly respected physicist demonstrates that the essential beliefs of Christianity are wholly consistent with the laws of physics. Frank Tipler takes an exciting new approach to the age-old dispute about the relationship between science and religion in *The Physics of Christianity*. In reviewing centuries of writings and discussions, Tipler realized that in all the debate about science versus religion, there was no serious scientific research into central Christian claims and beliefs. So Tipler embarked on just such a scientific inquiry. *The Physics of Christianity* presents the fascinating results of his pioneering study. Tipler begins by outlining the basic concepts of physics for the lay reader and brings to light the underlying connections between physics and theology. In a compelling example, he illustrates how the God depicted by Jews and Christians, the Uncaused First Cause, is completely consistent with the Cosmological Singularity, an entity whose existence is required by physical law. His discussion of the scientific possibility of miracles provides an impressive, credible scientific foundation for many of Christianity's most astonishing claims, including the Virgin Birth, the Resurrection, and the Incarnation. He even includes specific outlines for practical experiments that can help prove the validity of the "miracles" at the heart of Christianity. Tipler's thoroughly rational approach and fully accessible style sets *The Physics of Christianity* apart from other books dealing with conflicts between science and religion. It will appeal not only to Christian readers, but also to anyone interested in an issue that triggers heated and divisive intellectual and cultural debates.

**Arbeitsbuch zu Tipler/Mosca, Physik**

Macmillan

...We are under pressure in rethinking and um-thinking of the whole of the European Union history, after big waves of union's earthquakes and hurricanes,, by mentioning here the big financial crisis between 2008-2010, or Brexit of Great Britain, an embittered fought inside of the European Union between the years 2016 and the present of 2021... ..It is not mentioned here the waves of migrants in the last ten years towards European Union, through which a world of social pathology is accompanied and enhanced by a dramatic pandemic's world of biologic pathology, this worst issues of viral disease, out-breaking in the year 2019, creating waves of huge disturbances overall in the world... ..We will remake another configuration of the initial CONSTITUTION OF EUROPE, written and published with about 15 years ago, resembling a parallel dialectical becoming between a finisher and a re-finisher in constitution or between an influencer and re-influencer in social sciences of politics, ideology and sociology... Terminology of different constitutions will be different in their substance and their semantics, reflecting the difference in temporality and creativity of the author, but the basic principles of ethics and morality are into the both constitutions, the sameness ... If European Union needs a constitution, then, European Union must know the history of Europe, European Union must know the inhabitants, the native, the people and citizens of Europe, European Union must know and understanding the science and technology of Europe, the art and religions of Europe, the geography and demography of Europe, since the oldest times of Upper Paleolithic Ages, of Neolithic Ages, of Chalcolithic Ages, of Antiquity, of Middle Age, of Renaissance, of Enlightenment, of Modern Times and of present Third Millennium, all in detail, all in reality, all in morality and rationality... More than that, our Constitution of European Union is desired to be and to become, a pilot project in searching and researching in anthropo-sapientology, a vector of axiological and epistemological substance in knowledge and discoveries... By being fully aware about the huge forth-spring in Complexification of the triad Inspiration - Intuition - Revelation, about the day - to - day of Acceleration in creativity and discovery and the necessity and imperative of Axiologization of any kind of values, regardless the domain which it arises, let's go on with our information research project, called the Constitution of the European Union - Nine... Constitutionalist of European Union

### **SAPIENTOLOGY IN BIOMETAPHYSICS -**

**1** Alpha & Omega Sapiens - Uppublishing Being / Augustin Ostace  
MOTTO Why are not enough the first three AERA of our previous AERAS, namely:  
AERA OF PHILOSOPHICAL SYSTEMS (AERA - 1) AERA OF SAPIENTOLOGICAL SYSTEMS (AERA - 2) AERA OF VIDEOLOGICAL SYSTEMS (AERA - 3) Being thus necessary a fourth thinkable and re-thinkable Creative System, the one of ARTIFICIAL INTELLIGENCE SYSTEM (AI SYSTEM), which in German Language is entitled as KÜNSTLISCHE INTELLIGENZ (KI), and both AI and KI are under the HYBRID INTELLIGENCE (of Human and Artificial alike) encoded as HI, by remaking out of the complex concept Hybrid a developing towards HYBRIDOLOGY and HYBRIDOLOGICUM, both in Sapiens interrelated the Artificial Intelligence Systems (AIS)! INTELLIENTOLOGY! INTELLIENTOLOGY!  
INTELLIENTOLOGICUM! Therefore, all three signification, AI-KI-HI, through a SYSTEM, are provable and demonstrable into the sameness extra enlargement and expansion of the Classic Human Brain (CHB), which still remains anatomically within the same limits of Classical Sapiens (CSS),but in abstract creativity is doing an unspeakable progress beyond of all previous frontiers! This impetus in development of technological systems more and more intelligent, more and more abstract, more and more comprehensive, more and more diversified, more and more amplified, more and more accelerated, by comprising here, at least for the time being, information, inspiration, intuition and initiation, widespread in areas of technology, of industry, of art, of anthropology, of sapientology, of cosmology, of astronomy, of geology and biology, into which all of them means ultimately, another big step up in development of duality Human - Machine, or a duality of Human - Technology, including the branches of Human - Over - Human - Robotics, or Humanoid - Robotics! The man itself, the human itself, the Sapient-o-Human development, its experiences, its visions, its outcomes, can make symbiosis with oneself, a crossing with its nature of creativity, within the nature-physis of endless philosophy, with tools out of stone, with tools out of bones, out of hood, or of synthetic feature, underlining once again the TOOL - MAKER - MAN, as Homo Faber, likewise a Proto - Sapiens - Being as Homo Loquens... Perhaps, the proto - language begun through the action of hand hitting the stone, enlarging thus the brain and the understanding of the world and of the

proto - human oneself!... But now, within the present data, out of its own virtual reality and creativity, all being improved by the man itself and the machine itself, which machine might in turn overcome the man, by confronting the man itself, by changing and challenging even the human itself, even the Human - Sapient oneself in its own destiny and purposes... Could be or could become the Artificial Intelligence (AI / KI / HI) the source and resource, the roots of final ending of the Sapient on the Earth?... By taking into account all probabilities and possibilities of the present daily evolution and revolution of the hyper-complexity of Artificial Intelligence (AI / KI / HI), a recombination of the man itself with a machine created by the man itself, could develop a symbiosis of human-machine, which overcomes the Classic Species Sapiens (CSS), who dominated the life on Earth in the last of ca. 50.000 years, by entering within the Species Sapiens Techne (SST), into which the Sapiens still dominate the Universe of Technology, by reaching out in some area even the domination of Technology over Sapiens as TSS! In this way, within Artificial Intelligence (seen and analyzed Three Times Intelligence, i.e., AI-KI-HI), the letters themselves, the numbers themselves and the signs themselves, are becoming the WORD itself, the WORD itself is improved to the level of CONCEPT itself, and the WORD-CONCEPT DUALITY in their speeding up developing, in their accelerated and amplifying structures, is giving the outcome of the BOOK itself, in its CLASSICAL BOOK (CB), in its digital book as E-BOOK, or in its VIRTUAL BOOK as V-BOOK! It is a form, a derivative structure of Hindu Philosophy here, called AVATAR? Avatar as embodiment of a Deity, its soul, its spirit, its principle, into a Human Being, into a Hybrid Human Being? Avatar as a descent of heaven Deity, a released soul and spirit and principle on Earth, by rethinking thus a reconciliation between Terra Incognita with Sapiens Incognita and Heaven Incognita! Avatar as a Seeker of reuniting of dream and reality, of World Wide Web( WWW) with Sky World Web ( SWW), by going through ENS WORLD WEB (EWW). Avatar as Being of Earth (GEOAVATAR), as Being of Sapiens (ENSAVATAR) as Being of Heaven (SKYAVATAR). Avatar as a Being coming out of Sapiens, as Being-of-Sapiens, then taking the final syllable of SA-PI-ENS, being thus re-baptized as ENSAVATAR!... Avatar by giving itself a sense of Being in the World... Only this multitude concepts of Avatar, is remaking the Books through ENSBOOK in development, of the same double "E" - BOOK in diversity, is showing

the evolution and the revolution of the ARTIFICIAL INTELLIGENCE (in its three times of AI - KI - HI), with its versions in German Language as KÜNSTLICHE INTELLIGENZ (KI) and HYBRID INTELLIGENCE (HI), which will be used and reused interchangeably at any reference, or inter-reference or cross-reference in our ENSSANSKRIT SAPIENS, which in turn, is becoming an ENSSANSKRIT SAPIENS - 1! What really means ENS in our Book of Dialectical CHAT? ENS is a shortages from the Species Sapiens, being thought and rethought as ENS, i.e., as BEING of the Species Sapiens (Being-as-Being, as ENS QUA ENS )! Within ENS will be comprise the whole of German Idealist connotation of Being as: A - SEIN = BEING in its maximal generality! B - DASEIN = BEING HERE, on this planetary system! C - MITDASEIN = COBEING HERE, together with all past geological and biological times, influencing and restructuring all basic features of the Planetary Life System! It is possible to rethink the ENS INTO ONESELF RECHATING? Would be ENS a synthesis out of Sapiens! Is ENS a Being (SEIN) out of Sapiens! Is ENS a Being - here (DASEIN) out of Sapiens! Is ENS is a CO-BEING - here (MITDASEIN) out of Sapiens! Is ENS a triad of Being empowering the Sapiens oneself! Is ENS a living self-consciousness of the whole of Sapiens! Is ENS a symbiosis between Sapiens and Artificial Intelligence (AI / KI / HI) Is ENS the dialectic vector of history of the whole Sapiens, in overcoming oneself towards a better Sapient-o-Technology, towards a Sapient-o-post-human-industry, towards Sapient-o-Epistemology, including here Sapiens-in-Art (ARSSAPIENS), Sapiens-in-in Philosophy, Sapiens-in-in Psychology and Sapiens-in-Theology? The writer itself is now the reader itself, the explorer itself is now the surveyor itself, the survival itself is now the fighter itself, by assuming a strong competition beyond of its own Species, beyond of its own individuality and classical personality, finally, becoming a semi - human - made - device, an Hybrid Intelligence System (HIS), between biology and technology, between anatomy and epistemology, both inspired by Bionics, by Cloning, by Robotics, all resounding in biology, in epistemology and technology alike! It is more than obvious, that the Cyber technology of today's, is becoming a real Industry wide-spreading over all into the world (World Wide Web = WWW), through which the Abstract Knowledge is Industry itself, having reached out a Knowledge Industry Sapiens (KIS)!! As a terrible development of human invention and technology, of human discovery and

epistemology, of human and post - human industry and axiology, it is necessary to redefine the Man itself, the Sapiens itself by taking into account some old ideas out of Hinduism Upanishad, regarding the definition of the Almighty Creator of Brahman, who can be define with qualities, with attributes, as BRAGMAN SAGUNA, or can be defined in a reverse way, without qualities, without attributes, as BRAHMAN NIRGUNA! Here must be added that, the Christian Mystic of Dyonisos Areopagita, has underlined the same thesis in his Apophatic and Cataphatic way of definition of God! Thus a MAN - SAGUNA (SAPIENS - SAGUNA) means a upright posture of the man, means free - hands, means brain enlarged in volume and weight in relation with the weight of anatomical individuality, larynx lowering in neck, presence of consciousness, of articulated language, symbolic alphabet, abstract thinking, technology of tools, culture and civilizations, art, religion, industry, Bionics, Cloning, Robotics, Artificial Intelligence... Thus a MAN - NIRGUNA (SAPIENS - NIRGUNA), means a negation of these qualities or attributes, by saying that the Man (Sapiens) is not immortal, is not forever without possible replacement by his / her own technology and epistemology, that the Man (Sapiens) is not a divine Deity or Semi - Deity, that the Man (Sapiens) is not the alone intelligence within Universe, that the Man (Sapiens) has not the power of creating through UNCAUSAL LOGOS, the Man - Sapiens has not the power of being with ABSOLUTE POWERS within Universe, Man - Sapiens has no qualities of naming oneself as the Peak of Evolution, because he / she has not the power of Creation and Evolution of the Universe (CREVO) or the power of Genesis plus Evolution (GENEVO)... To these multitude of questions with very difficult answers, to these multitude of dilemma, to these multitude of labyrinth ways, we the author coming out of Classic Sapiens, is trying to cope with our Online Book, ENSSANSKRIT SAPIENS - 1! AI Sapientologist

**QUANTA TEMPORALITY - 1** Alpha & Omega Sapiens - Uppublishing Being / Augustin Ostace

...We are under pressure in re-thinking and um-thinking of the whole of the European Union history, after big waves of union's earthquakes, by mentioning here the big financial crisis between 2008-2010, or Brexit of Great Britain in 2020, an embittered fought inside of the European Union between the years of 2016 and the present 2021... ...It is not mentioned here the waves of migrants in the last ten years

towards European Union, through which a world of social pathology is accompanied and enhanced by a dramatic pandemic's world of biologic pathology, this worst issues of viral disease, out-breaking in the year 2019, ravaging uninterrupted the world ever since, till the present days of May 2021... ...We will remake another configuration of the initial CONSTITUTION OF EUROPE, written and published with about 15 years ago, resembling a parallel dialectical becoming between a finisher and a re-finisher in constitution or between an influencer and re-influencer in social sciences... Terminology of different constitutions will be different in their substance and their semantics, reflecting the difference in temporality and creativity of the author, but the basic principles of ethics and morality are into the both constitutions, the sameness ... If European Union needs a constitution, then, European Union must know the history of Europe, must know the inhabitants, the native, the people and citizens of Europe, the science and technology of Europe, the art and religions of Europe, the geography and demography of Europe, since the oldest times of Upper Paleolithic, of Neolithic, of Antiquity, of Middle Age, of Renaissance, of Enlightenment, of Modern Times and of present Third Millennium, all in detail, in reality, in morality and rationality... More than that, our Constitution of European Union is desired to be and to become, a pilot project in searching and researching in anthropo-sapientology, a vector of axiological and epistemological substance in knowledge and discoveries... Constitutionalist of European Union

**EPISTLE TO SAPIENS - 1** Alpha & Omega Sapiens - Uppublishing Being / Augustin Ostace

...Could one know the totality ancestors of our Species Sapiens, as accumulated experiences through Sapiens itself, coming from Genus Homo, Hominid Family, Order Primate, Class Mammals, Phylum Vertebrata, Kingdom Animals?... ...More than sure, the answer is not, just by taking into account that this chain of evolution has an average age of ca. about 500 millions years of different eras and periods, and the un-numerable ascendant species or genus or families, had been already in extinct phase of paleontology of the earth... ...But through a theoretical process of the psychoanalytic introversion into upright posture of the Hominid Family, Genus Homo and Species Sapiens, it is tried a confrontation not only with the supposed subconscious of this triad bipedic ancestor of present human, but a re-sensing of myth-o-poiesis enchained

into the three interrelated evolutionary groups, perhaps, the main responsible for our qualities, for our fragilities, for our vulnerabilities and for our creativities...  
...This metaphor for a Species individuation, with a huge emptiness around us, united in contraries, transcending ourselves towards unknown,

resembles a creative pathology in-written into human, who is the carrier of duality consciousness - sub-consciousness, which is the mirror into which the cosmos and the nature are seen reflected... Anthro - Sapientosophist  
*UNIVERSALITY OF SAPIENS - 1* Springer-

Verlag  
Tipler and Llewellyn's acclaimed text for the intermediate-level course (not the third semester of the introductory course) guides students through the foundations and wide-ranging applications of modern physics with the utmost clarity--without sacrificing scientific integrity.