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Foreword

This eBook is my “Lapis Lazuli,” my life-wok if I may express so. We all deserve to fully understand the reality we live in and that is my mission to the reader, to present the holistic understanding of consciousness. I share my conceptual understanding of reality and contemplative studies of consciousness based on my personal experience and contemplation, though numerous quotations and quite extensive bibliographic material serve supplementary function for strengthening personal views and perceptive contemplation. The eBook is meant for everyone who values philosophical contemplation and metaphysics.



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PART ONE - THE VEIL OF MAYA

World of Illusions

When eating a fruit, think of the person who planted the tree,"
(Vietnamese proverb)

The world of illusions describes the world of matter, material world, with its own thought patterns, cosmology, civilizations and political life. It is the world representations, interpretations and challenges of the phenomena rather than the phenomena itself.

Political life is a complex description of social interactions; it is about power as well as about justice (*values*). The global political system could be described as well by the expansion of globalism, based on the balance of powers and balance of interests (*power politics, international society and world society*). Values are construed as a result of evolutionary processes of human civilizations. The values are the indicative evidence of the human political progress, but values could be manipulated or neglected, at least for the short term; nevertheless, it is the consistent part of political life, which shapes and civilizes power.

Political Power builds up on strength through transforming resources into capabilities¹. Power interaction through cohesive and creative processes generates hierarchies, culture is born. Culture in Latin means cultivation, a process, a universal human capacity (*imagination and creativity*) of cultivation or improvement (*Cicero- cultivation of the soul*); and expressed in symbols (*language, customs, imposition of arbitrary forms upon the environment- fantasies, constructions*). Culture is about hierarchy and means cultivation – morals and ethics, values and beliefs; culture is the learned body of behavior, habits, customs

¹Gabriel Marcella, "National Security and The Interagency Process", chapter 17. Chas. W. Freeman, Jr., Arts of Power: Statecraft and Diplomacy, Washington: United States Institute of Peace Press, 1997, p. 3



and cumulative knowledge-history². Culture produces and sustains society through creative processes- communication, reproduction, experience and exploration (Consensus between acceptable and unacceptable, evolving through the interactive processes of an individual within the society and between social groups and societies)³. The main defining characteristics of any society could be described in 3C cyclical process - Conflict, Control and Cooperation.

The nation is a cultural and political community (*language, history, racial and ethnical aspects, common/collective future*), and nation-state is a political organization of the nation. The nation and nation-state are interwoven, inseparable concepts: Common history, common values and common future (*goals*) for the benefit of all, the institutionalized principle of justice- ideology and economic organization. The power hierarchy at the nation-state level is based on the ideological dominance and economic organization, mysticalness is added by the religion. National identity is added on the personal identity which serves as the basis for the loyalty to the state.

The state is the formal political organization [*(in Lat.) Condition, status; political system, law-making, law-enforcement, monopoly on the use of legitimate violence (Max Weber)*]⁴ reconciling conflicting interests of power-struggle and allocating resources (*public good*), improved norms of social interaction, system of cohabitation and developing society. State politics on other words could be defined as “Organized Cynicism” (*Who deserves to rule? /Human is led passion rather than by reason?/Inconsistency of political equality with the economic inequalities!/Power vs. Justice*). Two main aspects of the state are territoriality and sovereignty. The principle of sovereign power-rule infers the right of “legitimate” coercion with in the particular territory/people⁵. The legitimacy of power rule is

²Thomas J. Czerwinski; Coping with the bounds: A Neo-Clausewitzian Primer; CCRP, USA 2008. P-216

³Victor Segesvary, “Dialogue of Civilizations – An Introduction to Civilizational Analysis”. Mikes International; Hague, Holland. 2004. pp. 13-15

⁴www.wikipedia.com/state

⁵Dialogue among Civilizations - The International Symposium on Dialogue among Cultures and Civilizations. Sana'a, Yemen, 10 to 11 February 2004. The United Nations Educational, Scientific and Cultural Organization; 7, place de Fontenoy 75352 Paris 07 SP France; 2005



dependent on two factors, on political participation and consent of a society. The sources of legitimacy vary from traditional-charismatic to democratic power-source. The traditional-charismatic power is based on the mystical, personal, emotional, psychological and institutional characteristics of control (*M. Weber 1864-1920*)⁶. The democratic power-source starts with the constitutionalism- “Rule of Law”, principle of checks and balances [*the declaration of Independence in 1776, followed by the American (1787) and French Constitutions (1789), though the first was Britain adopting constitution in 1688*]. The European statehood have passed developmental phases from prosperity of state sovereignty (1648-1789), through the period of reaction nationalism (1789-1914) and the period of formation and development of political ideologies (1914-1974) to the postmodern statehood (1992-present).

The concert of nations make up civilizations (*larger community consciousness*), which is the offspring of cross-fertilization of cultures⁷. Civilization is designated by the three qualifiers: cultural-historic, Religion and values; and, Geographic⁸. Religions serve as vehicles for transformations of civilizations; there are three definitional clusters within which civilizations take shape – culture, history and values. In particular exemplification, the Western Civilization is based on the Greco-Roman cultural heritage, Judeo-Christian Religion and the Enlightenment starting from the XVIII-XIX centuries⁹. The great powers believe that they have special destiny that are bearers of universal missions (*Civilization Mission, White*

⁶Ibid.

⁷Biological evidence shows that the races differ in important ways and it is not a social construct. There are important race differences in brain size, intelligence, sexual behavior, fertility, personality, maturation, life span, crime and in family stability. There is a lot of variation within each of the three races; but still, group averages are important. For personality and IQ, genetic DNA structure dependence on heritability from the one hand, and from the other-environment varies from 40% to 70% on heredity and 60%-30% on environment. The studies show that social attitudes, criminal tendency, behavior and aggression, who we marry and who we choose friends are also partly genetic. For instance, a higher percentage of Orientals and a lower percentage of Blacks end up in the highest IQ categories; Blacks make up only about 12% of the U.S. population, each year they commit about half of all crimes (Professor J. Philippe Rushton; RACE, EVOLUTION, AND BEHAVIOR: A Life History Perspective; 2nd Special Abridged Edition. University of Western Ontario. London, Ontario, Canada N6A 5C2. pp 28-30)

⁸Victor Segesvary, “From Illusion to Delusion – Globalisation and Contradictions of Late Modernity”. Mikes International; Hague, Holland. 2004

⁹Youssef Al-Qaradawi, Islam, the Civilization of the Future, p. 15, Wahba Library, Cairo, 1995



Man's burden, Spread of democracy), which is the cause as well as tool of their expansionary politics. From the other point the great nations and civilizations are also the part of the greater one – the human civilization, so thus by fulfilling their missionaries they are embedding the entire human civilization with its own special destiny.

The special destiny or the special mission of human civilization from the evolutionary perspective could be highlighted as the strife for harmony and integrity of development and justice. Soul, philosophical soul, is the highest possible ideal for human development, an expression of the authentic self.

Knowledge of the Mask

“The skill of writing is to create a context in which other people can think,”
Edwin Schlossberg

Ideology is a comprehensive vision, comprising worldview, a way of looking things, belief systems and values; ideologies in certain sense represent science of ideas, a relativistic intellectual strategy for categorizing the world which guides human power over cognition, evaluation and action. Ideologies mainly are culturally conscious and bear class interests. Power is efficient when it promotes society's advancement in knowledge, science and culture. Ideology always serves for power interests tying inequality and power, manipulating with the information with various generalization techniques and thought and belief systems, with the goal- state of society under continuous control¹⁰. Power can be creative as well as coercive, the ideology in function is that it gives a distorted understanding of social world in certain crucial ways that mislead, distort, and give a false sense of freedom; value gradation in the scientific dogmatic system also contributes to sustaining oppressive and exploitative social relations ¹¹.

¹⁰Alexander, J. C. Civil Society between Difference and Solidarity Rethinking Integration the Fragmented Public Sphere. *Theoria: A Journal of Social and Political Theory*, 1998. pp.92, 1-14

¹¹Chandra Kumar, Foucault and Rorty on Truth and Ideology: A Pragmatist View from the Left. *Contemporary Pragmatism*; Editions Rodopi. Vol. 2, No. 1; June 2005. pp.35–93



Friedrich Nietzsche (1844-1900) reductions everything to power, the values are expression of will to power¹², “Life is will to power”- power is the ultimate “value”, power dictates morals, truths and all other values. Karl Marx thought that there are no objective truths or eternal principles of morality, ruling ideas and norms constitute a delusive mask upon the face of the dominant class, shown to the exploited as a standard of conduct, partly to varnish, partly to provide moral support for domination; Marx thought that economic power lies at the roots of political power, those who control means of economic production, directly or indirectly, control the means of mental production. These include “the major institutions that educate and indoctrinate young people, acquire and transfer knowledge, and articulate and mould popular opinion, as well as the physical resources those institutions utilize” (Shaw 1989, 433)¹³.

The power rules and directs its interests by the institutions of (*organized*) religion, education, publicity and law enforcement. Although, religion provided a noble ideal capable of eliciting the best in humankind, fostering social unity, moral virtue (*righteousness and goodness*) and sacrifice on behalf of a transcendent good beyond mere self-interest and materialism; religious ideologies of fundamentalism and conservatism, with its dogmatic belief systems; and, and its politico-institutional organizations represent the compromised (*warped*) form of moral authority, which is the part of a wider political meta-theory (*ideology*) sanctifying the inequality of wealth in the capitalist social construction; serving as an instrument of rich and powerful ruling institutions. The both, theocratic politics and materialistic ideologies equally strip humanity of its transcendence. Religious ideology, serving the same purpose crafts the false-consciousness which usually

¹²Michael Lacewing, Nietzsche's 'histories' of morality. Routledge, Taylor & Francis Group

¹³Christian Hacke on the Legacy of Hans J. Morgenthau. Power and Morality. Hans J. Morgenthau, Quoted in: Christoph Rohde, Hans J. Morgenthau und der weltpolitische Realismus, Verlag für Sozialwissenschaften, Wiesbaden 2004, p. 300



functions to legitimize a hierarchical social order, is not simply imposed by oppression but constructed by the beliefs and hopes¹⁴.

Ideologies are unable to give a coherent, all-embracing picture of the world. As instruments of manipulation, ideologies exist in concrete historical forms and represent worldviews designed to arouse the energies of people in order to inspire actions related to the achievement of the envisaged objectives (*like Marxism, or various types nationalisms*)¹⁵: Liberalism postulates that the human as an individual is more valuable than an entire society; highlights human rights and fundamental freedoms, equality, tolerance¹⁶, social consensus and constitutionalism; Liberalism had formed with the influence of Protestantism. Conservatism postulates that the human as individual is selfish, greedy and morally weak; Conservatism emphasizes on tradition, pragmatism, hierarchy, property rights, nation and state, power and authority (*authority must be gained by experience and education; society which does not recognize authority is degrading*); Socialism postulates on society, fraternity and equality¹⁷.

Ideology is about reality construction, manufacturing the “truths”, which has two crucial components: Emancipatory and Expansionary components. The emancipatory component of ideology is attitudinal; it aims at the mind, thinking processes and morals. The expansionary component is systemic; it aims at the organization of power and justice. For example, Capitalism represents emancipatory component of ideology, which is based on “strong individualism” and which enslaves with the myth of success. The hegemonic dominance is achieved

¹⁴New Bible Dictionary, Second Edition, Tyndale House, 1982. pp. 526-527; BD Sommer, Introduction to Isaiah and Annotated Commentary, The Jewish Study Bible, Oxford University Press; 2004. pp. 780-784, p. 867

¹⁵ Victor Segesvary, “Dialogue of Civilizations – An Introduction to Civilizational Analysis”. Mikes International; Hague, Holland. 2004. pp. 16-17

¹⁶Five Evils (Report submitted in the GB’s Parliament in 1942): Hardship, Ignorance, Idleness, Lavishness and Illness. Andrew Heywood; Politics – Second Edition; Palgrave. 2002. pp. 50-60

¹⁷Benjamin Disraeli (1804-1881) introduced the doctrine of “Paternalistic” Conservatism, to avoid further differentiation between aristocratic and working classes. Nowadays, he GB’s reformed conservatism is represented by the Tory; Ibid. pp 60-65



through the cultivation of consent to a given social order¹⁸- “Before you can make a man do as you say, you must make him believe what you say¹⁹”. The false identity of the general and the particular is the basis on which technology acquires power over society, the power of those whose economic hold over society is greatest. The ideology of capitalist system dictates obedience to the social hierarchy. The deceitful exposure of the objects of desire and seduction, cultivation of imitation, the culture which does not sublimate it represses. The harmony is a caricature of solidarity, which makes laughter the instrument of the fraud practiced on happiness²⁰. Capitalism represents Social-Darwinistic approach to the wealth redistribution by supporting monopoly of power held by elites- despiritualization of human beings and transforming them into materialistic beings in with the highest ideal of wealth accumulation. John Franklin D. Roosevelt on the perils of synthesis of democracy with capitalism reflected the following, “The first truth is that the liberty of a democracy is not safe if the people tolerate the growth of private power to a point where it becomes stronger than their democratic state itself. That, in its essence, is fascism (Elite-Rule) — ownership of government by an individual, by a group, or by any other controlling private power (*April 29, 1938*)²¹.” Elitism is sacralization of power through totalitarian methods, which disdains equality and is described by the contempt for the weak, selective pluralism, resentment of mass democracy, militarism and imperialism; correctly described by John Maynard Keynes as “the most wickedest of men committing the most wickedest of things for the greatest good of everyone²².” Elites in capitalism, the same as power elites, comprise political, economic and military privileged circles having exclusive

¹⁸Michael Carlberg, “Discourse on Culture;” Communications. 2004

¹⁹Daniel Lerner. Psychological Warfare Against Nazi Germany: The Sykewar Campaign, D-Day to VE-Day; (1949). George W. Stewart, New York; Reprinted by MIT Press; 1971

²⁰Theodor Adorno & Max Horkheimer, “The culture industry: enlightenment as mass deception” (1944); Dialectic of Enlightenment, New York: Continuum,1993

²¹Franklin D. Roosevelt, "Appendix A: Message from the President of the United States Transmitting Recommendations Relative to the Strengthening and Enforcement of Anti-trust Laws",The American Economic Review, Vol. 32, No. 2, Part 2, Supplement, Papers Relating to the Temporary National Economic Committee (Jun., 1942), pp. 119-128

²²D. Beinhocker, “The Origin of Wealth: Evolution, Complexity, and the Radical Remaking of Economics,” Eric Harvard Business Press, 2006. p- 408



monopoly on institutional power. Elites rule and manipulate masses through the systemic totalitarian and communitarian synthesis of corporatism.

The expansionary component of ideology is imperialism. The expansionary component of ideology is based on the following pillars: Cultural Superiority²³; Scientific Domination-"pursuit of power through the pursuit of knowledge"²⁴, and Security System-Construction Models. It supports the creation and maintenance of an unequal economic, cultural and territorial relationship, based on domination and subordination.²⁵ Any state engaged in expanding its power is pursuing a "policy of imperialism," wrote Morgenthau²⁶. The Empire produces its ethical truths, to rule over an exception exercising hegemony over juridical-political practices (*ex. The right of intervention in the UN Charter*)²⁷; the transformation processes of the world of states into an open space of imperial sovereignty²⁸. Through political or military means (*direct imperialism*), the imperial power may take over the government of a particular territory, or through economic processes (indirect imperialism), in which the concerned region is officially self-governing but linked to the imperial power by (*often unequal*) trade relations. Furthermore, the notion of cultural imperialism is indicated by "existing or traditional ways of life and ways of thinking that are subordinated to the hegemonic culture"²⁹. The global political system is characterized by the rivalry of ideologies for hegemony and domination

²³Terms such as "media imperialism", "structural imperialism", "cultural dependency and domination", "cultural synchronization", "electronic colonialism", "ideological imperialism", and "economic imperialism" have all been used to describe the same basic notion of cultural imperialism (Downing,, John; Ali Mohammadi, Annabelle Sreberny-Mohammadi. *Questioning the media: a critical introduction* (2, illustrated ed.). SAGE; 1995)

²⁴D. Bell, D. "Beware of false prophets: biology, human nature and the future of International Relations theory". *International Affairs* 82 (3): pp. 493–510. 2006. A.R. Peacocke, *Theology for a Scientific Age: Being and Becoming-Natural, Divine and Human*. Augsburg Fortress Publishers; Enl Sub edition. 1993. P. Wilmshurst "Scientific imperialism". *BMJ* 314 (7084): 840–1. March, 1997.

<http://www.bmj.com/cgi/content/full/314/7084/840>.

J. Dupré, "Against Scientific Imperialism", *PSA: Proceedings of the Biennial Meeting of the Philosophy of Science Association* 1994. pp. 374–381. <http://cogprints.org/342/>.

²⁵John Johnston, Ronald, *The Dictionary of Human Geography*; (4th ed.). Wiley-Blackwell. 200; p-375.

²⁶Michael G. Roskin; *NATIONAL INTEREST: FROM ABSTRACTION TO STRATEGY*. Strategic Studies Institute. May 20, 1994

²⁷Michael Hardt, Antonio Negri; *Empire*. Harvard University Press. London, England.2000. p-17

²⁸*ibid*.p-182

²⁹J. Painter, J. & A. Jeffrey, *Political Geography* 2nd ed., Sage. 2009. P-170.



(*ex. economic and cultural imperialism*). Contemporary global political system is characterized by the rivalry of Neoliberal Globalism and Social Democratic Liberalism (*E. Bernstein defined socialism as "organized liberalism"³⁰*). Although both, Neoliberal Globalism and Social Democratic Liberalism see the history in the context of race-class struggle, Neoliberal Globalism aims at elevating global elites as new race while Social Democratic Liberalism aims at eliminating race and class differences through progressive integration of human civilization.

Ego-civilization

"The problem is that ego can convert anything to its own use, even spirituality."
Chogyam Trungpa ³¹

Reason is the capacity human beings have to make sense of things, to establish and verify facts, and to change or justify practices, institutions, and beliefs. The reason aims at increasing intelligence and power. Power stands on ideological principle of supremacy; ideology is a servant of power and here are two cases presented- Totalitarianism and Ego-civilization:

"It is an old strategy of tyrants to delude their victims into fighting their battles for them³² (*Franklin D. Roosevelt*)," - Totalitarianism is the blend of party dictatorship with state power. State power associated with absolute power is Despotism- as a form of government despotism is exercised by an autocrat, autocracy, or oligarchy. Despotism also implies tyrannical rule- dominance through threat of punishment and violence³³. Totalitarian democracy means manipulation of general will and majority rule, by the political, economic and military elites. Totalitarian democracy is also defined as totalitarian oligarchy, or inverted totalitarianism. Corporations in such systems of government represent totalitarian

³⁰Manfred B. Steger. *The Quest for Evolutionary Socialism*. Cambridge, England, UK: Cambridge University Press, 2006. p- 146

³¹<http://quotes.justdharma.com/tricky-ego/>

³²<http://www.quoteswave.com/picture-quotes/438578#B8wWcFgPvbm5fd0S.99>

³³<http://en.wikipedia.org/wiki/Despotism>



entities, and the state aims to enforce on the populace ideological uniformity and obedience³⁴. Democracy represents a “Noble Lie” which allows elites to consolidate and control the society by creating an illusion of common space, associated with the terms of freedom, equality, rule of law and human rights.

Ego-civilization is a term referring societies with unequal allocations of wealth and power, conditions of inequality create ideologies of manipulation, which confuse people about their true aspirations, loyalties, and purposes; ideologies appear to explain and justify the current distribution of wealth and power in a society, present these inequalities as acceptable, virtuous, inevitable, and so forth. Ideologies thus tend to lead people to accept the status quo. The subordinate people come to believe in their subordination. Instead of literally thinking for themselves, they think the thoughts given to them by the ruling class.

Ego-civilization unites in itself imperialism, capitalism, racism, state, institutional-hierarchic systems, including religious institutions. Central intelligence community, the same as security state, represents over-class build up above the law, based on corporate principles and aim at installing the tight-wing informal dictatorships and tyranny all over the world (“Since I entered politics, I have chiefly had men’s views confided to me privately. Some of the biggest men in the United States, in the field of commerce and manufacture, are afraid of something. They know that there is a power somewhere so organized, so subtle, so watchful, so interlocked, so complete, so pervasive, the better not to speak above their breath when they speak in condemnation of it.”-Woodrow Wilson³⁵). The phrases like “National Interest” and “National Security” are devoid of their true meaning, because the both, interests and security, concern elites and not the majority of masses (Experience declares that man is the only animal which devours his own-kind, for I can apply no milder term to the general prey of the rich on the poor;”

³⁴http://en.wikipedia.org/wiki/Totalitarian_Democracy

³⁵http://en.wikiquote.org/wiki/Woodrow_Wilson



Thomas Jefferson³⁶). Security state (Deception is a state of mind and the mind of state," J.J. Angleton³⁷) has its own unwritten laws for keeping secrets out of public view: admit nothing, deny everything and make counter accusations.

Ego-civilization is the final phase of human civilization, as we often call it- "The end of times" or "The ideology of last man", is the age of universal deceit and amoral society, the age of totalitarian government with the ideology of dehumanization (War is peace, freedom is slavery, ignorance is strength.- George Orwell), whereas political language is the language of insincerity (Political language is designed to make lies sound truthful and murder respectable, and to give an appearance of solidity to pure wind.- G. Orwell³⁸). The ideology of last man could be described by the denial of objective truth and objective morality. Only inner party power-classes (elites) are treated as humans, the rest of the mass as- the herd, or slaves; lack of morality is the sign of superiority. Tyranny of power is the power which dictates morals- power for its own cause.

Flying Carpet

"There is nothing more deceptive than an obvious fact," Arthur Conan Doyle³⁹

Physics so far has uncovered four universal forces: Electromagnetism, which holds molecules together by sharing photons and elementary particles- Gravity, which holds planets; Strong Nuclear Force, which holds nucleus and Weak Nuclear Force, which holds neutron.

The matter is the consequence of the dual wave-particle aspect- "quantum effect"; mass is nothing but a form of energy. This dual nature is also inhibited by light which can take the form of electromagnetic waves or of particles (*The light*

³⁶Thomas Jefferson to Edward Carrington: 16, Jan; 1787. papers 11: 48-49. www.press-pubs.uchicago.edu/faounders/documents/amendl_speechs8.html

³⁷http://en.wikiquote.org/wiki/James_Jesus_Angleton

³⁸https://en.wikiquote.org/wiki/George_Orwell

³⁹https://en.wikiquote.org/wiki/Arthur_Conan_Doyle



particles quanta – “Photons” are mass-less and travel with the speed of light). The diameter of an atom is about 1/100 million of a centimeter, while the atomic nucleus is about 1/100 000 than the whole atom. The number of electrons and protons and neutrons determine the chemical properties of matter. The particle confinement with the nucleus in an atom produces enormous whirling velocities (*electrons race about 600 miles per-second, while protons and neutrons race in the nucleus with velocities of about 40 000 miles per-second*), and the tighter the electrons are bound with the nucleus by the electric forces higher the velocities and an atom appears as a rigid sphere which explains the solid aspect of matter. However, the atomic orbits are very different from those of the macrocosm; the difference is in the wave nature of the electrons- in such orbits electron waves have to be arranged in such a way that their ends meet to patterns⁴⁰.

The universe may be viewed as a hierarchical structure of galaxies, clusters of galaxies and super-clusters of galaxies. The number of galaxies in a particular cluster may be quite low, but can be as high as a few thousand. As far as astronomers can tell, there are probably millions of black holes in our Milky Way Galaxy alone, but only one super-massive black hole right in the center, tipping the cosmic scales at 4 million times the mass of the Sun⁴¹. Astronomers counted only about 4 million galaxies. But, by rough estimation in the entire sky deep field there are more than 50 billion galaxies. Although large galaxies contain at least 100 (10^{11}) billion stars and stretch about 100 000 light-years or more of space, they are not the biggest things in the Universe. The Milky Way is a home for at least 200 billion other stars and their planets. Just as stars are part of galaxies, galaxies are part of larger structures. Many galaxies are members of groups containing a few dozen to a hundred galaxies, or even larger assemblages known as clusters, containing several thousand galaxies. Clusters of galaxies are part of even larger super-clusters, containing dozens of clusters spread out over 100 million light-

⁴⁰Pascual Jordan Quoted by M. Jammer, *Philosophy of Quantum Mechanics*, Wiley, New York.1974. p.151

⁴¹Philip Plait. “Black Holes: From Here to Infinity” was developed as part of the NASA EXIST and GLAST Education and Public Outreach (E/PO) Programs at Sonoma State University, CA under the direction of Professor Lynn Cominsky



years of space.⁴² Beyond these it is just black, there just doesn't seem to be anything, not even heat, beyond such a distance. Nothing. Not even empty space. It is as if existence itself simply stops out there. The hypothesis of the unity of science has certain validity, the study of the very large leads to the study of the very small (*Quantum & Cosmos*)⁴³.

The galaxies are moving through the cosmos at approximately 100 miles/sec, the sun traverses the galaxy at 200 miles/sec and takes about 226 million years for the solar system to make one round of the Milky Way galaxy; The Earth orbits around the Sun with the speed 100 000 km/h (*20 miles/sec.*); the Earth's rotation speed around its axis is 1 000 km/h. In our galaxy/Milky Way galaxy stars are moving randomly relative to each other with the average speed 70 000 km/h. Earth's precession was historically called the precession of the equinoxes, the orientation of the Earth's axis and equator are not fixed in space and is due mostly to the gravitational effect of the Sun and Moon, rotation about the poles of ecliptics takes a period of about 26,000 years (*Great year*)⁴⁴. The hottest stars in the night sky shine with a bluish colour and have temperatures in the range of 30,000–60,000 °C. The surface temperature of the central white dwarf is about 120 000 degrees Celsius. Motion speed within the local reaches 300 000 km/h, that is the speed the Andromeda galaxy and Milky Way galaxy are moving towards each other.

The sun lies about 28,000 light years from the center of the galaxy. At its widest point, the galaxy's width is about 100,000 light years. Let us shrink the entire solar system so that it has a size comparable to that of a typical grain of sand (*Recall that the solar system's actual size is about six billion kilometers*). The nearest star, Proxima Centauri, would now be just over one meter away from the edge of the solar system. The distance from the solar system to the center of the

⁴²Kulinder Pal Singh; Peering into the hearts of galaxies; CURRENT SCIENCE, VOL. 81, NO. 1, July 10, 2001

⁴³Rocky Kolb; The Quantum & The Cosmos; <http://www-astro-theory.fnal.gov/Personal/rocky/welcome>

⁴⁴C.Y. Hohenkerk, B.D. Yallop, C.A. Smith, A.T. Sinclair, "Celestial Reference Systems" in Seidelmann, P.K. (ed.) Explanatory Supplement to the Astronomical Almanac. Sausalito: University Science Books. p. 99



galaxy would correspond to the height of Mount Everest. When comparing the solar system to the rest of the galaxy, we can think of a mountaineer who has reached the summit of Everest and in whose pocket is a grain of sand⁴⁵.

The Sun has a magnetic field- the heliosphere, which envelops our entire solar system. Most of the planets also have magnetic fields and radiate energy, which extend into space and form a “magnetosphere” rotating around with each planet (*Jupiter- 62 known moons, Saturn- more than 40, Uranus- 27, Neptune- 13*). If we reduce hypothetically the radius of the Earth to the radius of a typical wristwatch then the Sun would be equivalent to the height of an average man and distance between the Earth and the sun would then be four hundred meters. Pluto would be some fifteen kilometers away, but we would still have to travel about one hundred thousand kilometers before we reached the closest star to the Sun (*Proxima Centauri*), such a trip would be equivalent to travelling two and one-half times around the Earth⁴⁶.

⁴⁵James E. Lidsey, “The Structure of the Universe”; *The Bigger Bang*; Cambridge University Press

⁴⁶*Ibid.*



PART TWO – THREADS OF CONSCIOUSNESS

Consciousness of Form & Energy

I dreamt I died and went to heaven, and Saint Peter led me into the presence of God.
And God said 'You won't remember me, but I took your Quantum Mechanics,'
Robert Serber (Course in Berkeley, 1947⁴⁷)

Everything comes from one single source. Neils Bohr stated that electrons are neither particle nor wave, “We simply do not know what they are; the term electron (*or photon*) is a comfortable label, nothing more”. While we like to conceptualize quanta as waves or particles or both, these are merely conceptualizations and do not describe quanta⁴⁸. Wave-like aspect of quanta means a wave in a sense of information and not in a sense like a “water-wave”⁴⁹. Einstein thought that space-time does not claim existence on its own but only as a structural quality of the gravitational field⁵⁰. Einstein and Gödel were both stating that there is no time in the universe, that universe is a timeless (*a-temporal*) phenomenon, which means that the separation of past, present and future is illusory⁵¹. The gravitational field has a quantum structure; therefore space-time is the property of quanta⁵². Hence, considering all above mentioned arguments the gravitational field is the structural quality of underlying universal consciousness.

At the most fundamental level all forces and particles in the universe may be related and all the forces might be manifestations of a single grand unified force. Energy has no absolute measure, only transition of a system from one state into another can be defined, and energy is only possible to measure in relative terms.

⁴⁷Robert Serber, "Peaceful Pastimes, 1930-1950." Annu. Rev. Nucl. Part. Sci. 1994.44:1-26 (pdf)

⁴⁸Jackson, P. Quantum physics and human consciousness: The status of the current debate, The Open Polytechnic of New Zealand, Working Paper 5, November 2002.pp-5,34

⁴⁹ John D. Barrow, "Impossibility - The Limits of Science and the Science of Limits." Astronomy Centre University of Sussex.Oxford; Oxford University press. 1998. p-22

⁵⁰Einstein A., Relativity: The Special and General Theory (1920), page 155

⁵¹Yourgrau P. (2006) A World Without Time: The Forgotten Legacy of Gödel And Einstein

⁵²Penrose R. 'Shadows of the Mind' (Oxford), pp.377-391. Hameroff S. (1994). 'Quantum Coherence in Microtubules: A Neural Basis for Emergent Consciousness?' Journal of Consciousness Studies 1 (1),1994.pp. 91-118.



The subatomic level of universe could be described as quantum potentiality, expressed in the form of energy – “probability waves” and “probability particles”. At the subatomic level there are no isolated entities but patterns of probabilities, probabilities or tendencies of interconnections; which reveals the basic openness of the universe (*Non-locality concept of Quantum Physics*). The universe is complicated web of interconnections, impossible to decompose in isolated building blocks; and, with the essential part of observational participation, because the properties of any atomic object can only be understood in terms of the object’s interaction with the observer-constituent. At the quantum level the objective description of universe is impossible⁵³.

The quantum theory declares that there is “something” beyond the physical world itself⁵⁴. “Observations not only disturb what has to be measured, they produce it. We compel [the electron] to assume a definite position.... We ourselves produce the results of measurements.”⁵⁵ As Jeffrey Gray put it succinctly, “The out there of conscious experience isn’t really out there at all; it’s inside the head.” Monistic idealism also stands on the similar thesis; the sense of separation that we feel is an illusion. Consciousness manifests by collapsing the wave-function. Our visual perceptions are a “simulation” of the real world, a simulation that is ‘made by, and exists within, the brain’ (*Gray, 2004, pp. 10, 25*). The self-consciousness derives from the greater consciousness that is the ground of all being- In other words, the head you have come to know as your own is not your true physical head, but only a miniature perceptual copy of your head in a perceptual copy of the world, all of which is contained within your real head (*Lehar, 1999*). John Archibald Wheeler says, "No elementary phenomenon is a real phenomenon until

⁵³Frifjof Capra, “The Tao of Physics - An Exploration of the Parallels Between Modern Physics and Eastern Mysticism.”Chapter I. The Way of Physics, 4-The New Physics/Modern Physics. Boulder, Colorado, USA. 1975

⁵⁴Dr. Jeffrey Satinover, “Quantum Theory”, Lecture, Israel; April 2005

⁵⁵Pascual Jordan Quoted by M. Jammer, *The Philosophy of Quantum Mechanics*, Wiley, New York.1974. p.151.



it is an observed phenomenon" (*quoted in Herbert's book, p. 18*)⁵⁶. The projection takes place through perceptual fields, extending out beyond the brain; the fields themselves are fields of probability, and they influence probabilistic processes; in this sense they resemble the fields of quantum field theory⁵⁷. The illusion of outer is the reflection of inner - it is the brain-conceptualization of the perceived experience.

Genius of Mind

"The total number of minds in the universe is One," Erwin Schrödinger⁵⁸

Personification of fearfulness and fascination, capable of altering universal laws and the fundamentals of logic; that directs and presents a complete illusion of an external world, including all bodily sensations; where in fact there is no such external world in existence- "Space and time are modes by which we think and not the conditions in which we live (*Einstein*)⁵⁹". The quantum mechanics has demonstrated that an act of human consciousness at one point in space can instantaneously cause a material system to change its behavior. Human consciousness, it is said, can cause changes at other points in space even before the thoughts occur. The mind exists beyond and throughout all space and time; it always existed, and always will exist⁶⁰. There is a hypothesis that by knowing future it is possible to altering the present- "There is a theory which states that if anyone discovers exactly what the Universe is for and why it is here, it will instantly disappear and be replaced by something even more bizarre and inexplicable.

⁵⁶Stanley Sobottka, Emeritus Professor of Physics, "A Course in Consciousness". The University of Virginia. 2011; p-86

⁵⁷Rupert Sheldrake, "The Sense of Being Stared At"-Part 2: Its Implications for Theories of Vision; Journal of Consciousness Studies, 12, No. 6, 2005, pp. 32-49

⁵⁸http://en.wikiquote.org/wiki/Erwin_Schrodinger

⁵⁹R. Nijhawan, B. Khurana, "Space and Time in Perception and Action." Cambridge University Press; UK. 2010

⁶⁰Henry P Stapp, "Theoretical model of a purported empirical violation of the predictions of quantum theory." Physical Review A. 50, 1994. pp. 18-22



There is another theory which states that this has already happened⁶¹" After all, thoughts are part of the unbroken wholeness of all existence- "I'm that though art."

Knower & Known

"Intuition is the perception of mind through mind," F. Bergson⁶²

The essence of mystical contemplation- the "Charged Intent", charged with the power of sublimation, allows direct intuitive access into the depths of consciousness⁶³. The sense of oneness of consciousness is the core principle and ultimate hallmark of the nearly all of the universal wisdom traditions- "Atman is Brahman," the knower and known are the same- "Spiritual superiority only sees the individual. But alas, ordinarily we human beings are sensual and, therefore, as soon as it is a gathering, the impression changes- we see something abstract, the crowd, and we become different. But in the eyes of God, the infinite spirit, all the millions that have lived and now live do not make a crowd, He only sees each individual⁶⁴."

The ultimate mystery of being and nonbeing transcends all categories of knowledge and thought. Yet that which transcends all conceptualization is the very essence of once own being.

Spellbound

Join them one to another into one stick, and they shall become one in thine hand,"
Ezekiel 37:17

Through agonies of individuation, through sufferings of philosophical alchemy, paradigmatic warrior overcomes the horrors of existence, revealing innermost metaphysical depths. That particular quality of intense alertness, which

⁶¹http://www.quotationspage.com/quotes/Douglas_Adams/

⁶²https://en.wikiquote.org/wiki/Francis_Bacon

⁶³Michael Daniels, "Making Sense of Mysticism." Transpersonal Psychology Rev. 2003. Vol. 7, No.1, 39-55

⁶⁴<https://www.goodreads.com/quotes/632466-spiritual-superiority-only-sees-the-individual-but-alas-ordinarily-we>



can be effortlessly aware of everything at once, feels like at home, but its home is everywhere; it listens, watches and can even be aware at the same time every thought drifting into and out of our consciousness, it misses nothing. Everything subjective is vanishing into complete oblivion; time is non-existent- the past and future start to merge; and after all, everything is forming a single whole; everything is exactly what it is, and always has been, all together, without any separation or division. Authenticity of aesthetic creation awakes the primal state of all beings all in ecstasy and joy. One with One, Dionysus- the process, Apollo- the finale; Zarathustra- mad prophet, crowns himself with the crown of laughter.

So-Ham

As You Sow, so Shall You Reap- The Great Law of Reflection (*Karma*)

Nothing can exist without something else which is its opposite existing. In Zen philosophy, the main element for higher understanding and realization of the luminous mind is the state of Non-duality- ultimate oneness or ultimate suchness. Reality, according to the Zen philosophy, is the unity of complementary opposites- substance and function, or essence and form- macrocosm is the reflection of microcosm; substance is the true nature, while function is an expression including external expression. Human consciousness is relative reflective consciousness and ultimately is God's (*Absolute*) consciousness- I am in this world, but I am not a thing among things. I have a body and I have thoughts as well as feelings. I have a spatial location as well as a place, however modest, in history. But I'm not to be identified with any of this⁶⁵.

We mirror the universe, and the universe mirrors us, when an inner situation is not made conscious, it appears outside as fate.⁶⁶ Perception creates projection,

⁶⁵Bas C. van Fraassen, "Transcendence of the Ego- The Non-Existent Knight." Blackwell Publishing Ltd. Oxford, UK. Dec. 2004 (pdf)

⁶⁶C.G. Jung and W. Pauli, "The Interpretation of Nature and Psyche." New York: Pantheon Books. USA 1955.<http://en.wikipedia.org/wiki/Karma>



actions of moral significance are considered to cause certain and inescapable consequences:⁶⁷ perception of self-illusion (*Ego*) creates self-separateness, through cultural programming it creates false forms of happiness, false understanding, object fetishism and mass hallucination. The essence of all being and truth of reality are identical- Fundamental reality is self-less, non-dual and non-local.

Robe & Bowl

Once I knew a child who constantly cheated people, they called him the Light

Imagination- "seeing" a mental image or quasi-picture with the "mind's eye," seems to be not only the basic and connecting link of all the finer mental powers, but in truth the knot that ties body and mind together" (*McFarland, 1985, p. xiii*).

Kant's theory of transcendental imagination has the distinction of describing imagination as the faculty that determines time, a priory faculty of the mind that makes cognition possible- "I am conscious of my existence as determined in time, or, how much I know myself I will know the external world as well." Kant observes that what we can perceive, and know, is predetermined by our imagination; what we experience is the world already structured by the imagination; that imagination can generate in us ideas that cannot be expressed or represented in any other form- ideas of infinite space, endless numbers, eternal duration, complex emotions involving wonder and the sense of the sublime. But what is sublime is our own mind in inward contemplation. The imagination, for Kant, is a kind of "hidden art in the depths of the human soul," a magical faculty of the soul, which we are not always even conscious (*Rastovic, Kant's Critique of Pure Reason, E-Logos*⁶⁸). The "primary" imagination is the living power and prime agent of all human perception and as a repetition in the finite mind of the eternal act of creation in the infinite I

⁶⁷Robert J. Zydenbos, "Jainism Today and Its Future." Munchen: Manya Verlag. Germany. 2006. p-34. http://en.wikipedia.org/wiki/Karma_in_Jainism

⁶⁸Milos Rastovic, "Kant's Understanding of the Imagination in Critique of Pure Reason." E-Logos journal for Philosophy, University of Economics Prague. 11/2013



AM (*Coleridge, Biographia Literaria, Ch. XIII*). And, God said, "Let us make man in our image, in our likeness," and then God created man in his own image, in the image of God he created him; male and female he created them. (*Genesis 1:26/27*).

Solar Powered

Divine love draws those whom it seizes beyond themselves, and this so greatly that they belong no longer to themselves but wholly to the object loved.- Dionysius the Areopagite⁶⁹

Mind constitutes the world as it is- phenomenal world, conjured out of our ignorance of our own essential nature. The phenomenal world is a radiation of human consciousness in certain positions of transition. The phenomenal world is not actually appearance; rather appearance is the seduction for challenge to struggle for our eyes. But, it is Real that defines the nature of appearances, without defining what that nature really is- "I can open your eyes, take you wonder by wonder over sideways and under on a magic carpet ride." And, all the host of heaven shall be dissolved, and the heavens shall be rolled together as a scroll (*Isaiah 34:4*), from the son of man to the keeper of the watch- a whole new world by Aladdin.

⁶⁹E. Underhill, "Mysticism: A Study in the Nature and Development of Spiritual Consciousness." *Awakening of the Self*. Dover Publications, Mineola, New York, USA. 2002 p-197



PART THREE – METAPHYSICAL POETRY

Dominions

Elimination of what is commonly called happiness is the imagination reduced to a state of slavery. The faculty of imagination can only offer intimacy with the sense of absolute when it is unconditional, free of dependent origination- Along the way a stone is catching a glimpse, In order to fling it away all the further; but, the way leads into those distances too, The Pocketful of Stones on its way:⁷⁰

Pain is fear; Pleasure- physical, Joy- mental;
Morality- above logic, Justice- above law,
Will- above reason, St. Lucy- over Syracuse!

Luminous Mind

One whose being is illumination brings unbounded freedom,
One whose breathe is eternity brings mind at still,
One whose will is object-less compassion brings oneself to selfless,
Knower and known are the same as beauty and art,
Raised by interaction in the dream of awakened mind!

⁷⁰ Michael Cisco: Kafka's Zurau Aphorisms. Hofmann-Kaizer/Wilkins. New York, USA.
Aph.#75/77,Kaiser/Wilkins.pp-74/76]



Black Swan



Being from somewhere else,
Like face reflecting mirror,
Related to the interface of synchronicity,
Nothing and a void of space out of everything,
Some distant memory not yet remembered,
In the joy of kind my peace of mind,
Black Swan is hunting infinity.

Dog Awareness

Mind is dreaming Christmas tree,
Cat is lying flat,
Consciousness window to the sea,
Crystal ball blue water clear,
Love is home, my dog is dear,
Eternal present in return,
Hello, I'm happily reborn.



Perfect Genuineness

Those who go beyond it,
And those who cannot reach,
Renewal in birth;
That which stands in balance,
And that which does not lean,
Sincerity of intent and absolute integrity,
Doctrine of the mean,
Glimmer through unseen,
Things equally seeing,
That is what I mean!

Satyagraha

I have passed through many a birth and I know them all,
Whatever the noblest does the world will follow,
I love the man the same in pleasure as in pain,
Unmoved by praise or blame,
I love the man the same to friend and foe,
Motives and fruits make difference no more,
I love the man separate from passion and hate,
Victory or defeat to be the same,
I love the man of self-restraint and wide awake,
Cleaned by truth and wisdom's white glow,
I love the man having no attachment but still,
Whose ground remains unmoved and soul seats still;
I love the man near to calm serenity,
But loyal-devoted-and-devout I do love exceedingly.



Ellis Bell



In the house of being
Words could be misleading,
Concentration of meaning
Obtains radiance of a star,
Lived experience and thought
In combination with uninvited feeling,
Nature meets with understanding.

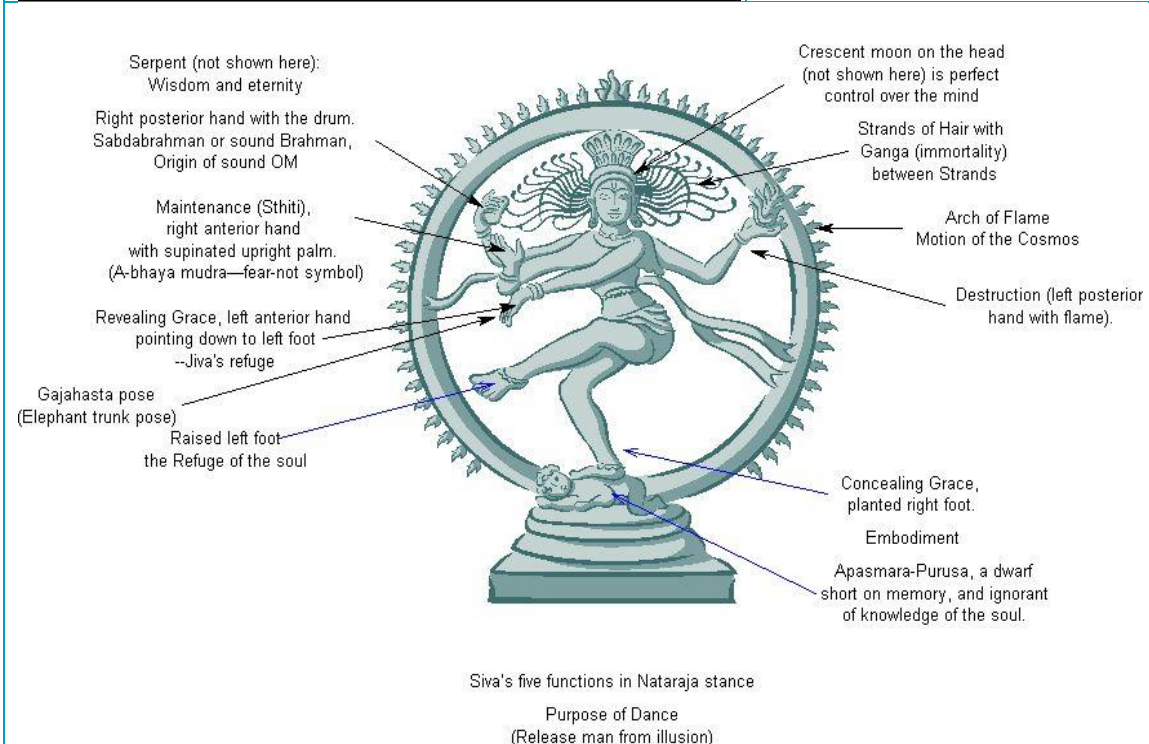
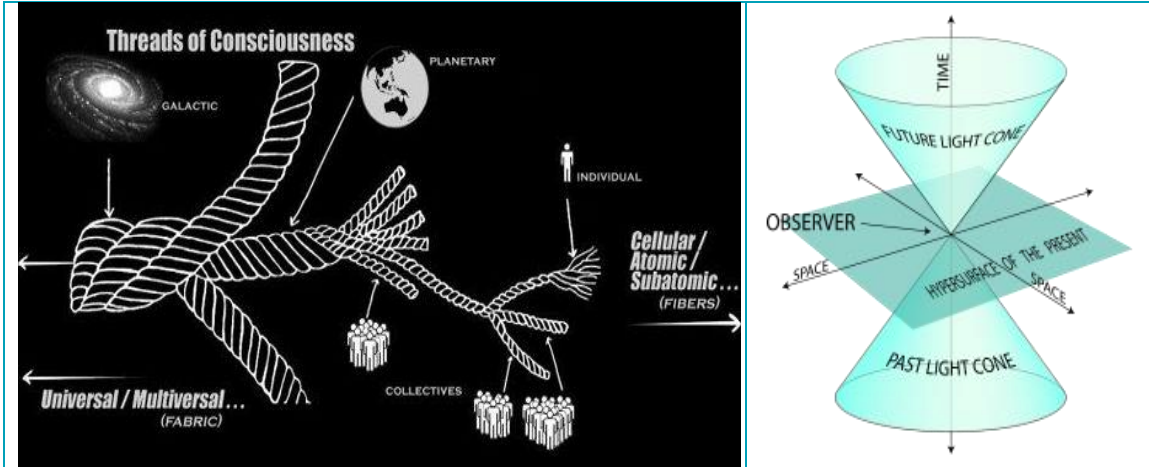
Covenant

Walk on through the rain,
Invisible and Visible,
Walk on through the dreams,
Fall and Rise,
Walk on through the heart,
You'll Never Walk Alone,
Walk on through the deep,
Walk on through the just,
Fully Human,
Fully God,
Justice as it is,
Covenant fulfilled in my purple dream!



Dreamcatcher

The highest love is like water,
No fight, no blame,
Gentle and good,
So true and just,
And so it flows
Deep in the heart,
Watch the timing,
Am I aware?!
Watch the cat,
Am I awake?!



Siva's five functions in Nataraja stance
Purpose of Dance
(Release man from illusion)

Additional notes on the symbolism of Nataraja: Crescent Moon- time cycle; Ganga- removing ignorance; Arms and legs honor duality, revealing and concealing; Drum (Damaru)- rhythmic vibration of creation; The Naga (snake) coils three times around the neck representing past, present and future, also Shakti power- wisdom and eternity.



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