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From Homo Sapiens to Homo Galactic

A new viewpoint on the biological
evolution of man

D. RABOUNSKI

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It is shown in this outline that, in view of the perspectives of human settlement in the Solar System, and in the intragalactic space, a new complex approach is required for human security during interplanetary and interstellar space flights. The theory of Geopathogenic Radiations is suggested as such a complex viewpoint — it particularly includes a framework for the explication of the *theory of spectrocolour time streams of the energetic world*. According to the new theory, man is a part of the common organism of our planet, the Earth, and he is in the continuous energy exchange with all the planetary environments. This energy exchange is done within the spectral range of energies, which is particular to our planet. Having this theory as a base, a general concept of the biological evolution of man is introduced, including the transformation of the biological species of Modern Man (*Homo Sapiens*), step-by-step, into the new biological species that we refer to as Solar Man (*Homo Solis*) — and then into Galactic Man (*Homo Galactic*).

Manned space flights have developed very rapidly within the last decades. Commencing on April 12, 1961, more than a hundred of piloted spaceships have been delivered into the Earth's orbit, and into the nearest cosmos (up to the orbit of the Moon). Now, manned space flights are not a subject of science-fiction stories but a regular reality of our everyday life. Since 1970, people of the Earth launch large space stations that orbit the planet over decades. Crews consisting of a few astronauts live and work, one after another, on board of these stations. The number of people who have visited the near-Earth cosmic space since 1961 already exceeds one hundred, while the maximum duration of stay of a single person at an orbital station well exceeds one and a half year.

Thus, inhabitants of the Earth are developing the near-Earth cosmic space very actively. Space flight is becoming more and more prolonged. Scientists and engineers regularly discuss technical details of the manned space flights to Mars and the other planets of the Solar System which are planned for the near future, and may continue during years. Also,

they discuss the practical possibilities of the inhabited space stations orbiting the Sun in their own orbits (the artificial mini-planets).

It is obvious that, in the near perspective, certain people of the Earth will try to develop and inhabit, step-by-step, the entire Solar System.

Therefore, it is very important to understand just now which secure livelihoods are needed for man in prolonged space flights in the space of the Solar System.

Is it enough to just have a stock of canned food and compressed air, so that man could live and work normally, without damage to health, on board of a space station in the space of the Solar System, at a large distance from the Earth?

Modern space medicine has already accumulated considerable experience. But this experience is based on the space flights of man in only the near-Earth space (to within the orbit of our satellite, the Moon). Until now, people have not yet travelled from the home planet, the Earth, far into the depths of the Solar System. What will happen to astronauts in interplanetary space flight, in the far cosmos? For yet, the modern space medicine does not have experience of interplanetary space flight.

It is very dangerous to give a prediction how astronauts will feel themselves in the interplanetary space flights, having only the base of the experience of near-Earth space flight. In case of any emergencies (e.g. unknown diseases associated with staying away from the home planet, etc.) it may endanger the life of the astronauts and frustrate implementation of the high costly space program.

How, empathically speaking, to be in this case? It is obvious that a new complex approach is needed here. This approach will look at the problem of human security in interplanetary space flight not in terms of an earthly medical doctor or biologist, but as if from the outside, from the perspective of the entire Solar System or even a galactic perspective.

Such a new integrated viewpoint is possible here due to the *theory of spectrocolour time streams of the energetic world*.

Briefly, here are the main theses of this theory.

Matter is substance and fields. In particular, the electromagnetic field and the gravitational field are also parts of the material world.

We do not register energy in the material world. We can only observe its different manifestations such as motion, heating of material bodies, their form, their mutual arrangement, i.e. only materialization of energy. Thus all bodies of the material world are only the particular manifestations of energy exchanges of the energetic world. The energetic world itself is a world of energy clots, each of which has its own spectral

composition and pulsation while undergoing energy exchanges with other clots of energy. Their energy exchanges are, for material bodies, time streams of different physical processes as the fragments of the Universal Time of Infinity.

So, different vortical energetic formations live and re-incarnate in the Universal Time of Infinity. They have different spectral colours. Their task is to re-distribute energy links in the spectrocolour spaces of the energetic world.

These vortical formations are the “binding” filaments that connect different volumes of the energetic spaces as elements of the inseparable processes of the Universal Time (the energetic world).

The absence of Time — is excluded by the Law of Conservation of Energy. The corresponding spectrum is the energy of the vortical states of Time which connect different volumes of the spectrocolour spaces of the energetic world. These vortical formations exist forever.

The displacement of energy in the spectrocolour spaces is strictly “organized” according to the Law of Conservation of Energy. The “fluidity” of local volumes of the spectrocolour spaces is uniquely expressed at the locations of their streams, again according to the Law of Conservation of Energy.

All together — it is just an abstract “acceleration” or “deceleration” in various segments of the time streams like pulsations (breathing) of the spectrocolour spaces of the energetic world.

An single energy clot which “generates” any material body is a vortical formation of Time within the twisted multispeed spectral streams of the energetic world. Any form of any structure is a conditional “intersection” of the multispectral streams of the Universal Time of Infinity (the energetic world).

Here is an example. Multiple universes form a cellular energy structure, which “breathes” by way of energy exchange according to the Law of Conservation of Energy. Approximating the plot of the fragment of the spectrocolour space of the energetic world, the Universe presents us with its spectrocolour spaces and the clots of different densities of energy exchange (galaxies, stars, etc.).

Each universe is the manifestation — in the material world (materialization) — of energy exchanges among the spectrocolour streams of the Universal Time of Infinity.

Each galaxy, including our own galaxy, the Milky Way, is the materialization of energy exchange within one of the energy clots of the spectrocolour time streams of our Universe.

The variety of colourful stars, visible in the night sky, is the mani-

festation of the variety of energy clots of the spectrocolour time streams of the energetic world.

All cosmic (and terrestrial) bodies of the material world (stars, comets, planets as compositions of chemical elements) are only the manifestations of energy exchanges in the spectral formations of the energetic world.

In the energetic world, the particular multicoloured flashing vortex tangle — the planet Earth — consists of the finest “filaments” of the spectrocolour space of the Sun. And the energy clots of all the bodies within the Solar System (planets, moons, comets, asteroids, etc.) are created according to the same scheme.

Now, we can introduce the notion of *Geopathogeneous Radiations* — it is the very name of our planet, the Earth, in the energetic world. This name consists of the following parts:

- the prefix *geo-* is taken from the Greek word *gê* (γη — ground, land) or *Gaea* (γαια — the planet Earth). It regularly means “belonging to our planet” (in the sense of geography, geodesy, etc.);
- *páthos* (πάθος) means the quality or power of life in the most universal meaning of this word;
- *gene* comes from *genos* (γένος), plural — *genē* (γένη), which means “race or fundamental kind” in the biological sense of this word. It also means a unit of biological information;
- the word *radiations* implies moving energy.

Because we consider the planet Earth as a body within the material world, the term *Geopathogenic Radiations* actually means:

- “fundamental radiations of the planet Earth, causing changes in the levels of genes (mutations in the multilevel genetic array)”.

When considering the Sun, Mars, the Moon or other material bodies, their fundamental radiations (the energetic world) should be respectively called *Heliopathogenic*, *Marsopathogenic*, *Selenopathogenic Radiations*, etc.

So, the theory of spectrocolour time streams of the energetic world expresses itself in the present fragment of the epochal dynamics of times as a necessary scientific problem, namely the *Theory of Geopathogenic Radiations*.

The spectrocolour energy space of our Galaxy absorbs the multispectral radiations of the Universe also termed “Metagalaxy” (the energetic world), then develops them for its inner, intragalactic inhabitants. The spectrocolour space of our Sun (the spectral energetic space of the

Solar System) absorbs and develops the multiple-density spectrocolour radiations of the Metagalaxy. Our planet, the Earth, travelling along her galactic path, also absorbs and develops (by her “energosppectrum space”) the pathogenic radiations (as information changes) of the travelled stellar sectors of our Galaxy. Also, all the “inhabitants” of our planet, the Earth, — the minerals, water, air, gas and biological environment of the planet — inevitably react (as their mutation) to the multispectrality of the pathogenic radiations of the travelled sectors of the Metagalaxy. This, of course, includes Man in the cosmic scheme of things.

Because the terrestrial inhabitants themselves are only the materialization of different fragments of the respective energy clots of Geopathogenic Radiations, their natural reaction is mutation of their material form (on the scale of genes, for biological species). This leads to the extinction of some species of minerals, plants, animals, and as a compensation — the birth and evolution of other inhabitants of our planet.

So, Man is in continuous energy exchange within the indicated volume of energies. His energetic body is the radiant clot of the energetic spectral space of our planet (Geopathogenic Radiations), which pulsates by its energy spectrum and luminosity strictly according to the order of flight of our planet in the Galaxy — and of the Galaxy itself in the Metagalaxy. His material body (bones, organs, etc.) is the manifestation of his energetic body (the radiant energy clot of Geopathogenic Radiations) as the chemical composition of atoms and molecules.

The energetic body of *Modern Man* (Lat. — *Homo Sapiens*) is a vortical “tangle” woven from threads of the spectral energy streams of the planet Earth (Geopathogenic Radiations). Geopathogenic Radiations saturate the energetic body of man with energy within the necessary range of frequencies, which is manifested in the material world as the conservation of the construction of the chemical bonds of his material body.

Violation of the spectral balance in the “feeding” of the energetic body of a man within the range of the necessary frequencies manifests itself in the material world as illness (the local violation of equilibrium of the chemical bonds). Forced movement of the material body of a man to the region where the spectral streams have frequencies unacceptable for the human body leads to the cessation of the said “feeding” of his energetic body (i.e. to “extinction” of its luminosity): in the material world this is manifested as irreparable destruction of the chemical bonds of his material body (death).

So, the energetic “body” of *Modern Man* is an inseparable part of Geopathogenic Radiations. His energy clot “feeds” on energy streams of

Geopathogenic Radiations, which are processed (within the energetic body of the Earth) vortical energy streams of those sectors of the spectrocolour space of our Galaxy, which in turn are travelled by the Earth in common with the whole Solar System, with the latter traversing the Metagalaxy. The spectral composition of the energetic body of Man (and its manifestation as the human “dense” body with its physical organs, including brain) directly depends on the spectral composition of the travelled sectors of the space of the Galaxy (influence of various sectors of stars and stellar associations).

Being rendered far beyond the energetic clot of the Earth, the energy clot of *Modern Man* is like a little tangle which is “fueled” from the main tangle of the Earth, where the energetic streams of the Earthly spectral composition (acceptable by him) are delivered through the cosmos by a thin “thread”. A “supply gap” of this thread is similar to abortion.

Thus, when the energetic space of the Solar System changes its local energetic spectral equilibrium (manifested, for instance, as abrupt changes in solar activity etc.), this “fueling” energy thread breaks. In this case, the energy clot of an astronaut who is located somewhere between the Earth and Mars merely fades away due to the loss of “feeding” (the energy streams of the acceptable spectral composition of the Earth). The astronaut dies. And no stock of canned food or oxygen can help him continue his interplanetary flight.

The organism of *Modern Man* is not adapted to feeding on the energy streams of the Sun’s space, and those of the other planets of the Solar System. The same is true for the contemporary terrestrial plants and animals, because their energetic bodies are as well inseparable parts of Geopathogenic Radiations.

Therefore, the existing obstacles to the implementation of manned interplanetary missions (technical, political, and financial) is just different manifestations of *Taboo of Time* for human settlement in the Solar System, within the current fragment of the Earth’s path in the Galaxy.

But it will not always be such. And it need not be.

The planet Earth while travelling (in common with the whole Solar System) along her galactic path passes through intragalactic energy streams of various spectral composition. The Earth absorbs and develops the streams, and thus changes according to the spectral composition of the absorbed energy. Evolutionary processes inevitably lead, during the transition from one spectral region of the galactic streams to the other, to global changes of the planet as a cosmic body, and as a habi-

tat for planetary inhabitants. Naturally, along with the planet, all its inhabitants, including Man, transform (mutate).

And at this transitional stage of his evolution, Man can consciously participate in the transformation — on the galactic and extra-galactic scales.

Has this subject not been touched upon in the writings of the likes of Konstantin Tsiolkovsky, Vladimir Vernadsky, and Alexander Chizhevsky, albeit in a different “language”, which was both very visionary and gradually acceptable in those years?

Change in the chemical composition of the atmosphere and water is now becoming more and more sharp and global. The flow of cosmic radiation in the hard X-ray and gamma spectra — which penetrates through the radiation belts of the planet — increases. These and other features ominously suggest a “jumpy period” and the beginning transformation of our planet (and humans too) into the new state of natural balance. This period of the transformation of the whole planet Earth has already started. These transformations increase in speed every year. We can see signs of these transformations almost immediately, not only from newspapers, radio or television news every day.

That is, all the molecular bonds of all natural and artificial objects globally change their frequencies. And this is equivalent to stretching a gum to 9/10 of its extensibility. Then a global break of the “gum” will happen. It will just happen instantly.

Forces influencing the minds of people for their survival provide energy in the form of environmental proposals, and respective technical projects. Forces influencing the minds of people for their deaths provide energy in the form of doubt, anger and aggression. Now, information about Geopathogenic Radiations is equivalent to knowledge of the rules of conduct in a volcanic, seismic region of residence. The imminent development of technical proposals on the basis of knowledge of Geopathogenic Radiations is equivalent to the creation of rescue equipment and resuscitation equipment.

And now, at the beginning of this period, pictures of certain future updates of the Earth and, successively, the newly converted Mankind can be visible. The appearance of the said New Man of the future is very similar to what Tsiolkovsky showed in the early 20th century, in his so-called “science-fiction”. It will be someone capable of taking significant doses of solar radiation without damage for his health, while the basic diet of his supply will be vegetarian food. Spacewalk (without additional protective devices such as a space suit) for him will be similar to modern swimmers diving in the water — a medium with different density, but

suitable for short-term existence during paused breathing (remember thus the “Vacuum Breathers’ Club” that was described in the famous sci-fi story “Take a Deep Breath” written in 1957 by Arthur Clarke).

Such a man of the future (as a biological entity) will have an extended range of the galactic perception spectrum, which will allow him to directly perceive the spectrocolour streams of the Sun. And because the pathogenic radiation of the planets are only small multispectral clots (small vortical tangles) of the pathogenic radiations of the Sun, this person will be able to live within not only Geopathogenic Radiations (the planet Earth), but also within the pathogenic radiation of the other planets of the Solar System. This person will be a new biological species, which we call *Solar Man* (Lat. — *Homo Solis*).

The mind of the man of the future will allow him to artificially create space biosystems, and cultivate such new species of the mutated terrestrial plants that will be capable of living within the pathogenic radiation fields of the other planets, and also within the pathogenic radiation field of the Sun, thus providing biological food for people away from the Earth. This will allow Solar Man not to merely be capable of free traveling along the space of the Solar System, but also to live comfortably in the space of the Solar System (on board of space stations), during many years without returning to the Earth, and to gradually colonize the entire Solar System.

Children conceived and born at respective space stations will differ from those born on the Earth. For instance, most people who were born in one country and then moved to another, and lived there most of their lives, would still nostalgically feel their “roots”. Spectral characteristics of the native territory, where they were conceived and born, form specific spectral compositions of these people, and thus when hitting a medium with other spectral characteristics, although they adapt to it, they still feel that for them it is not native. This forms a multi-faceted and very important concept — *Homeland*. Children conceived and born at their original solar-cosmic cities-stations, will not take the planet Earth as their homeland. For them, their homeland will be their space stations: they will love them as their home, as there they will seek rest in difficult moments, and these stations they will wholeheartedly protect in case of danger. The settlers having the spectral composition of the Sun (which is much wider than the spectral composition of the planets) can equally well adapt to the pathogenic radiations of the other planets; their thrill of space travel to different parts of the Solar System would be similar (and also more complex) to the modern feeling of trips to different countries.

Thus, further evolution of Mankind will eventually lead to the formation of an individual of even more perfect form, who can exist in the pathogenic radiation fields of other stars. Such a person will be one of the new biological species we call *Galactic Man* (Lat. — *Homo Galactic*). Such a person will be capable of making interstellar travel.

Therefore, it is *Galactic Man* as a biological species who can colonize other star systems in our Galaxy. Does this mean that the descendants of the settlers of planet Earth living somewhere in the Sirius System will take planet Earth as something alien? Absolutely not. Future galactic settlers as a biological species will have the spectral composition of our Galaxy, which naturally includes the spectral spaces of the pathogenic radiations of all the other stars in the Galaxy. Thus, *Galactic Man* as a biological species can adapt and feel good in different parts of our Galaxy, just as representatives of *Modern Man* adapt and live in different climatic regions of the planet Earth. And meeting with the inhabitants of other star systems for a galactic Earthling will be something like the meeting of the modern people from different continents — with both the advanced people developed to the galactic level, and possibly with the “wild natives” whose spectral compositions do not go beyond the narrow range of their native planets.

The planet Earth will be left for our descendants in the Galaxy, being something like a small island in the depths of the Galaxy — the distant homeland of ancestors wherein the cosmic evolution of Mankind was started.

And those representatives of galactic humanity will make the first space flight beyond our Milky Way galaxy to the nearest galaxy Andromeda (by means of “brake flyby”).

Thus, we are now only at the beginning of the *Primitive Space Era* of the human evolution.

The matter of the spectral composition of our planet, changing as it passes from one sector to another in the Galaxy (as well as in the Metagalaxy for the entire Solar System of ours), modifies the structure of human consciousness. The planet Earth is the home of modern earthlings. The space of the Sun is the home of “solar” people. The galaxy is the home of “galactic” people.

“The future belongs to the Star Beings” — said Tsiolkovsky.

Now, with the advent of the theory of Geopathogenic Radiations, these words do not seem such a sci-fiction. And feeling the approaching time of evolutionary changes throughout the Earth (and in the fold of Mankind, too), manned interplanetary travel is seen as a reality of the nearest decades. But this will use new methods of astronaut

training, other than the typical training methods used in modern space exploration near the Earth.

Apart from the usual exercises, in preparation for interplanetary missions the astronauts will live for several months at high-altitude orbital stations near the Earth, at a few tens of thousands miles from the Earth's surface. During all this time, the astronauts will eat only food prepared from vegetables and fruits grown in the greenhouses at the same high-altitude orbital stations. These measures will allow the astronauts, at least partially, to adapt to life in the conditions of the highly attenuated field of pathogenic radiations of the Earth.

But that is not all. While the planet is visible, a feeling of home preserved. But here the planet has become one of a series of luminous stars. And the infinite space filled with stars begins to squeeze the psyche of an astronaut. No tricks or technical amusements can help, because the planet Earth, due to the spectral composition of her pathogenic radiations, invisibly guards also the psyche of the astronaut. And at a large distance from the Earth, the smallest chain of such thoughts as "... what are they thinking there on the Earth!", "... what about this azimuth that they (the nerds) talked in the headquarter on the Earth!", or "... what have they commanded when we have something way better here!" — such a thought leads to catastrophe. Moreover, the number of such chains will grow with progression as the distance between the space station and the planet Earth becomes greater.

Therefore, in preparation for interplanetary missions we shall take a range of measures in the special psychological training of astronauts. During this training, astronauts will gradually get used to the idea that the entire Solar System is our great native "country", and they will only explore the new territory where no man has been before.

And here, invaluable to the training of astronauts for deep space missions is the word of Church. Like the padre on Columbus' ships, *cosmic chaplains* together with other members of the crews of interplanetary and interstellar pioneers will endure all the difficulties of deep space missions. They will support the astronauts whose spirits have been weakened, and keep the "hotheads" away from making rash decisions, because no tricks of psychology can be compared in strength to True Faith. Only True Faith will help interplanetary and interstellar explorers being away from the home planet to survive by saving their consciousness and, consequently, their physical bodies.

After creating the first space stations in the orbit around the Sun, which will be the "lighthouses" of human habitation in the space of the Solar System, these difficulties will diminish.

While *Modern Man* only begins his evolutionary transformation (mutation) into the new biological species *Solar Man*, astronauts will be able to stay away from the planet Earth without significant damage to health only a short time (a few months or even weeks). So for manned interplanetary missions, we will apply other propulsion systems and other types of spacecraft that are different from those bulky and slow “kerosene stoves” currently used in the manned near-Earth space flights and at the automatic stations exploring now the Solar System (distance — ranging from 30 million miles and more). The new methods of space travel will allow us to go through the whole space of the Solar System for a few days or hours. Naturally, all of this will require a new fundamental leap in the development of space travel technology itself.

Yet, whether or not this is surprising? After all, only decades ago, the flight of the first artificial satellite of the planet Earth seemed to be on the verge of fantasy!

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It is shown in this outline that, in view of the perspectives of human settlement in the Solar System, and in the intragalactic space, a new complex approach is required for human security during interplanetary and interstellar space flights. The theory of *Geopathogenic Radiations* is suggested as such a complex viewpoint — it particularly includes a framework for the explication of the *theory of spectrocolour time streams of the energetic world*. According to the new theory, man is a part of the common organism of our planet, the Earth, and he is in the continuous energy exchange with all the planetary environments. This energy exchange is done within the spectral range of energies, which is particular to our planet. Having this theory as a base, a general concept of the biological evolution of man is introduced, including the transformation of the biological species of Modern Man (*Homo Sapiens*), step-by-step, into the new biological species that we refer to as Solar Man (*Homo Solis*) — and then into Galactic Man (*Homo Galactic*).

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