

LIMITS AND LIMITATIONS FOR THE CONCEPT OF COMFORT

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ABSTRACT: The idea of comfort arose from a history of environmental, social, psychological, and technical constraints, as a human attitude and effort to minimize these constraints and then to enhance other elements that could guarantee a different level of quality of life. In the last two decades, the efforts made to reveal factors, together with their weaknesses, which contribute to the achievement of comfort in different types of buildings considered isolated or in relation to others in rural or urban settings, can be perceived to be intensified and placed in a structured format to be considered. While comfort is important for man in any area, certain aspects of it can diminish the dynamism of evolutionary processes in humans, always tempted by the nonconventional. From this viewpoint, the limits, and weaknesses of the definition of comfort must be considered by research and the niche in which it is efficient and optimal in deciding its conditions must be preserved. The analysis implemented in this paper introduces other aspects and knowledge that can open new theoretical and research horizons in relation to the comfort of the human being and other living systems, thereby extending the limits of the notion to the concept.

KEYWORDS: comfort, environmental factors, psychological factors, limitations

1. ASPECTS RELATED TO THE NOTION OF COMFORT

In the paper entitled "The notion of comfort, from word to concept" presented during the congress CLIMA 2019 [1], we analysed the potential that the notion of Comfort must become a concept. Before evolving to the stage of notion, Comfort has a beginning as a simple word with a certain meaning. What determined his appearance, and the significance of that beginning is harder to say. As in the case of other words, the word "comfort" has a history of back and forth in the European linguistic space with taking over of information from the substance of other words but also from its own evolution, defining certain states not at all static. It comes from a verb from late Latin - "*confortare*" (from con + fortis), first in Italian and French as "comfort", meaning "reinforcement (moral), support, consolation". In Italian, this meaning has been preserved until now, in the form "*conforto*". The term was taken over early by the English language, where it acquired "meanings related to material aspects of life", which re-entered French language and other Romance languages. In French, the meaning "convenience" (taken from English) has become the dominant one, while in Italian it is marginal, many preferring for this meaning even the English loan, clearly specialized, "*conforto*" with the meaning of "consolation", as well as "comfort", with the meaning of "convenience". Although etymological and historical, the meaning and legitimacy of the word comfort belongs to the field of literature since the thirteenth century, most of its users have taken it and loaded it with technical and then scientific meanings through various

mechanisms. If anything, significant of the etymological substance has been lost from this new orientation and something has been added that has exceeded the limits of the word, it is worth investigating. Starting with 1920, the users of the notion no longer consider the etymological order, attributing to the notion of comfort the meaning of "convenience, ease" but with the concrete meaning of "everything that makes everyday life easier and more pleasant in a certain environment". Each field of life: spiritual, social, economic, political, military, technical, scientific, in various periods of time, depending on the interest or the emergence of a need, loaded or unloaded tasks in the content of the notion of Comfort, resulting in different definitions and different purposes. The intention of each field, through its own mechanisms, is to facilitate the existence, through a new way of living, by ensuring a certain comfort, related to the risks of the previous way of living and to the random variability on which that way of living depends. Each one emphasizing what it knows best, tries to influence, and highlight its contribution in defining Comfort. The definition of Comfort even if it is specific to each field and aims to improve the way of life from a certain perspective, may be different within the same field in certain historical periods. For example, there is the case of literature. Until it became an art of written compositions, at the beginning it indicated the meaning of "knowledge with the help of letters" (from the Latin littera). Therefore, comfort in connection with the way of life at that time was directly related to the knowledge of the letters and the ease of transmitting the information in a written way. Later, with the development of written and spoken

languages in each language, comfort was given by the beautiful, quantitative, and qualitative expression of various literary genres so as to bring a contribution to human evolution. At present, considering the extent of literature works in various languages, the speed of access and the possibility of extracting essential information of interest, using various mechanisms, is an element of Comfort in the literature field. Although comfort in any field is necessary for man, certain aspects of it can diminish the dynamism of human evolutionary processes. From this perspective, research must consider the limits and limitations of the concept of comfort and maintain the niche in which it is productive and optimal in determining its conditions. The study transposed in this paper presents other aspects and information related to the comfort of the human being and other living systems that can open new theoretical and research horizons, thus expanding the limits of the notion to the concept. Through an unconventional approach of the factor's characteristic of the comfort concept, an optimized path is considered possible in the approach of designing the appropriate technologies.

2. A PROPOSAL TO EXTEND THE NOTION OF COMFORT

In recent years, we notice a certain dynamic regarding the involvement of some institutions regarding comfort: first the academic ones around conception and then the administrative ones in the normative area. But the niche is limited to ensuring the parameters and conditions of comfort in residential and non-residential buildings through which occupants /users/residents can benefit of Comfort only from the perspective of physiological and psychological needs. In the balance of inflows and outflows related to the human being of any known or unknown nature, meeting physiological and psychological needs is among the priorities but not necessarily in the first place. Science cannot explain the cases in which happiness and satisfaction can be obtained in a poor house with minimal facilities and the dissatisfaction and discomfort that many materially rich people have even if they live in SMART buildings. This means that new approaches are needed to improve and complete the notion of Comfort and to turn it into a concept. And why not, the development of a matrix through which man can relate to this widening of the comfort niche. One of the approaches that could bring improvements is the one presented in summary below. The expansion of knowledge, through the rational capacity of man to have access to new information, which results from the experiment and organization on various levels, in very short periods of time, determined by material or rational interest, highlighted (especially at the

beginning of this century) unanswered questions as well as limitations in certain areas that man feels he can overcome. And this is because on this path of evolution, trapped in the material and rational interest, where he deepened his research, he left behind spiritual research and revelation, a place where he would surely find the answers he sought and satisfied the creative needs of happiness. Perhaps the man of our time considers that spiritual research is the prerogative of religion as a science and that his involvement in this field is not creating values, being a forbidden boundary that he must not cross. If we look closely at the history of the last hundred years, we will find that the distance between religion and the sciences that create material and rational values has increased, but at the same time, as they both approach the present, they see the limitations of the future and the crossing of these limits is in the information that the other party has. One day, when the curtain of pride will fall, they will see how much they needed each other, they will see how much energy they consumed for small steps in evolution.

At the beginning of this century, man discovered that the density of phenomena, processes, information, and activities to which he is subjected and involved, in periods measurable by terrestrial chronological times, has increased greatly and, unconsciously or consciously, exclaims: - How quickly time has passed today, and I have not been able to solve what I set out to do!? Yes, time no longer has patience, its intensity equivalent to the density of phenomena and processes that man must go through, pushes him on the path of the evolution of all his structures, in harmony and unity as a being. And this is because the Law of evolution necessity as a being does not accept delays and gaps within his structures and between him and Creation. The fundamental processes of life are not only to ensure the needs and comfort of the physical and rational structure (Biosic) of man, but they are also related to the structure of the soul (Noesis), higher and immortal structure that determines the processes and phenomena of the first two, but which also has its needs. Hence lies spiritual research, the field in which man must increasingly involve his Noesis structure. After the death of a living system related to the Earth, the Physical and Biosic structures generally decompose into chemical elements that re-enter the circuits of the planet, only the Noesis structures remain immortal, partially loaded with the experience gained from the first two. For this reason, man in life with the body, instead of reorganizing the same type of information with the help of reason, should use more the Noesis structure, which would allow him to make qualitative leaps, from an information-based knowledge, to a knowledge based

on high concepts, which will set in motion and highlight other types of energies necessary for the existence of the living and necessary for the future.

The terms Physical, Biosic and Noesis structures were theoretically expressed by the Romanian academician Eugen Macovschi in the book entitled "Biostructure theory of living matter" [2], a theory that helps us know better and more precisely the place and role of living systems in objective reality. But these structures were deepened and highlighted practically by a new science called Inforenergetics, which is based on a theoretical and practical device constituted by Claudiu Dumitriu [3]. Inforenergetics is a new frontier science, which deals with the study of rules, applications, and effects, related to the organization of a quantity of information, Q_i , in a quantity of algorithms, Q_{alg} , more or less complex, implemented on an energetic support of any type: electrical, magnetic, electromagnetic, caloric, chemical, mechanical, etc., delimited in an independent space, a certain period of time. Inforenergetics is a complex science, a completely Romanian achievement, which positions the modern sciences in a much broader organizational context, namely the spiritual one. In addition to the books belonging to academician Eugen Macovschi [4] [5] [6], inforenergetics extends and connects with the Theory of Information Science of academician Mihai Draganescu [7]. Inforenergetics is defined from the beginning, as a useful tool for all professions, greatly facilitating the activity of observation and analysis, by quickly highlighting significantly qualitative infoenergetic parameters. There are also situations in which Inforenergetics offers methods of direct intervention in energetics and informational algorithms for the operation of a system. In addition to determining some fundamental infoenergy parameters necessary for making decisions of this kind, there is the possibility of implementing modelled infoenergies, to achieve the function of correcting existing infoenergy gaps, or optimizing collective or individual structures. There are some people who, due to their own infoenergetic characteristics, create sensations and affections of discomfort, fatigue, stress to those they lead or with whom they work, determining their incompatibility in the work environment or with a certain function and profession, a situation that can be avoided by knowing this from the beginning through infoenergetic determinations. Modern science research has shown that living systems receive and influence information and energies outside the realm of known sense organs, but in the absence of adequate measuring and control equipment, has failed to define these new organs, but has included them in a general

term called extra-sensitivity. If we accept that the human being has at least three structures: Physical, Biosic (Reason), Noesis (Soul) and that each of these structures have sense organs, we notice an organization of these organs related to the organizations of information, energies and matter according to Table 1.

Table 1. Structures of human being and organization

Structures of human being	Type of sense	The type of matter or organization of information and energy that the sense emphasizes
Physical	Tactile	Organization of information and energy in the form of solid matter
	Gustatory	Organization of information and energy in the form of liquid matter
	Olfactory	Organizing information and energy in the form of gaseous matter
	Acoustic	Organizing information and energy in the form of sound waves
	Visual	Organizing information and energy in the form of light waves
Biosic (reason)	Science does not know but it assumes that there is something.	Science has discovered sequences from the above and accepts that there are types of organizations of information and energies increasingly subtle than light waves and it would be logical for the human being to have specific sense organs through which to relate to them.
Noesis (soul)	Science does not know but it assumes that there is something.	Science has discovered sequences from the above and accepts that there are types of organizations of information and energies increasingly subtle than those perceived by reason and logically it would be that the human being has specific sense organs through which to relate with these.

We will find that the other two structures should also have organs through which to highlight and analyses other types of matter states or rather another way of organizing information and energies in increasingly subtle forms, which follow, naturally, after the light waves. But just as man with the help of the Biosic structure (reason) defined the characteristics of the sense organs of the Physical structure, so in the case of the sense organs of the Biosic structure, the analysis and definition of its characteristics should be made by the structure immediately superior, Noesis (soul). Learning the way man works with all three structures, in the natural hierarchical order Noesis - Biosic - Physical, will determine in him the possibility of identifying, defining, and individualizing other sense organs specific to higher structures and hence the possibility of analysis and highlighting new types of information, concepts and

energies as well as existential forms of organizing. Only after man will be able to consciously use the sense organs of all structures will he be able to define his role, the type of activities in which he must engage in order to know and favourably influence the fundamental processes of life, both his own and those of other existences, this inevitably leading him to the conclusion that nothing is accidental, that everything is very well defined in space and time, that all have a Creator, about whom he heard in the past through life that is called God, but whose existence becomes, through another way of approaching knowledge, certainty. Many people do not believe in God, because they did not perceive him with one of the sense organs of the Physical structure, but from the previous table it was seen what kind of matter can be highlighted with these organs. A particle of God cannot be detected by one of the five senses of the physical body, it is necessary to develop sense organs of the soul like those in the body in order to enter into a relationship with the Lord God. Today, knowledge in scientists works with elements, information and energies found in Creation and through their organization, their exploitation, it determines limited evolutionary perspectives of life in the terrestrial future, even if we talk about periods longer than 5000 years. Spiritual people do not stop on the knowledge of the elements offered by Creation that offer limited perspectives of life, they go on seeking to know God, thus hoping to find a life without limits (eternal) and of a certain quality. A holistic approach of human structures and the interdependence between these structures and the totality of living systems that constitute the environment, would capture new elements that bring new dimensions to the notion of comfort. Man, and all living systems are not isolated on planet Earth, there is a constant exchange of information and energy between them, often escaping the measurements detected by the measuring and control equipment used by science and technology today. Satisfaction for man, but also for other living systems, is generally determined by the way, time, quantity and quality in which they can ensure in their own balance this information and energies necessary for the fundamental processes of life and evolution, to fulfil their existential purpose. Man's nature, as it is built by the Creator, shows us that the informational and energetic balance that gives man the degree of satisfaction or dissatisfaction, is ensured through food, respiration, physical biofields and sleep. Each of these areas only partially overlap their contribution. A man who has not slept for 3 days and nights cannot supplement what is needed only with food, regardless of its quantity and quality. Each of the four areas brings its contribution not only on the physical and mental being, but also on other

structures, undetected by science, but towards which the attitude that they exist is historically constructed, as one of them is the soul. Man has sense organs in structures other than the physical body, with the help of which he relates, interacts and exchanges substance, information and energies with other creations. This way of relating, as well as the exchange with the environment that is noticeable or not noticeable by the current technologies, determines his states of satisfaction and comfort. In a building with all possible features, there may be states of dissatisfaction and even constraints for some people that diminish their own balance, leading to the conclusion (valid for him) that there is something that does not offer comfort and even aggresses him. In a building made of inhomogeneous structures, such as concrete and metal, or located in terrains with an inhomogeneous depth structure, a range of 'constructive' or 'telluric' tensions may occur. The sense organs, other than the five known to science, consider these tensions to be "aggressive" from the perspective of ensuring their own balance. This generates an inconvenience that cannot yet be removed by known technological solutions. It has been found in many studies that placing a building in a certain area can facilitate or diminish the natural activities of the occupants. Also, a major influence on man and his activity belongs to all kinds of "terrestrial and / or astral radiation" and which cannot be isolated today at the entrance or at the limits of a building or an inhabited space. And the examples can go on. As such, considering those presented in this paper as well as in others published, we propose to reach new limits of comfort. Through this, the notion of comfort becomes a concept that aims to create and use all the spiritual, rational, material, knowledge, social and educational possibilities, materialized through constructive, technological, environmental, manifestation and other elements, through which man provides, for himself and for the living systems, the natural possibility to relate and to ensure all the specific and necessary elements (substances, information, energies) detectable and transferred through all the sense organs of all structures and bodies that define him as an entity, for his own balance as a source of the fundamental processes of life and evolution, at the times and in the quantities and qualities necessary for the purpose for which he was created, without affecting other living systems. This attitude set out above is inscribed by the Creator in the Fundamental Matrix (Face) of man, only that he must detect it and concretize it naturally. We have also included the need for Comfort for other living systems as they are either excluded or used to provide some parameters of Human Comfort. This situation has a selfish content of man.

3. AN ANALYSIS OF BUILDINGS FROM THE PERSPECTIVE OF THE NEW NOTIONS

3.1 An Inforenergetic approach of constructions

Any human activity is directly or indirectly connected to the living space. Practically, we cannot imagine man in the absence of a living space. We will present the nonconventional approach of living spaces, regardless of their social destination, through the prism of inforenergetics following our own research conducted over a period of 28 years. As shown in the previous chapter, in addition to the sense organs provided by our physical and rational structures, we are the possessors, more or less conscious, of other sense organs, namely those of the soul. He who manages to use the latter as well can see how wide the field of perceptions becomes and how much the perceptions that until now entered only in the sphere of subjectivism begin to be particularized and objectified. "Feeling" a construction in this way we can see that in addition to its physical structure of resistance, directly observable, there are a multitude of bodies with which it encloses and with which it intertwines. From the performed experiments, only the influence of the following categories of elements is presented in summary:

- Geometrical elements
- Informational and energetic elements

The geometric structure can be easily deduced by schematizing the main elements (it does not always overlap exactly over the resistance structure). It determines the manifestation of geometric effects, including the pyramid effect, the rotational hyperboloid effect, the toroidal effect, and others. Geometric paths determine complex energy manifestations due to the energy emissions of structural elements and especially due to the relationships between them and the whole. It must be mentioned that any construction element, whether has a structural role or is just ornamental, it constitutes a source of signal. The maximum manifestation of the geometric effects can be found in points that have well defined positions in space, that we will name: Informational and Energetic geometrical Centres (I.E.C.). Judging the nature of these energies and information according to the effects they have on man, we can categorize them as beneficial or evil. It has been found that these energies and information affect living systems that fall within their reach and can cause pathogenic conditions, or on the contrary, can stimulate health. It becomes clear how important it is to conform, in a nonconventional way, an engineering structure considering these aspects as well. It is possible to quantify these effects and it is

good to know that they can be stimulated, corrected or inhibited.

The informational and energetic elements (i.e.) are much more subtle than the previous ones since they are not structured on physical support. Within this class of structures we can enumerate briefly: structures i.e. created by various spiritual or antithetical techniques; structures i.e. fingerprint type (results from the ancestral memory impregnated in the place where the construction is erected); structures i.e. determined by the current activity of man around and inside the buildings; structures i.e. determined by the characteristics of the soil and subsoil on which the construction is located; structures i.e. determined by other existences with physical structure, plants and animals and structures i.e. determined by other existences without celestial body or bodies. Considering the subtle aspects mentioned above, we have the image of a construction that seems much more complex than we imagined. Table 2 presents a hierarchy determined by inforenergetic measurements of the factors that contribute to the formation of the construction message. Of course, these are not the only factors that contribute to the message of constructions and the influence on comfort. To date, environmental comfort is presented by the construction sciences as a set of natural or artificial factors that create a favourable environment for the development of physiological processes of the physical structure of living human, animal, or plant systems in living spaces or in a habitat. But people have noticed in many cases that although a living space is equipped with all utilities: cold drinking water, hot drinking water, sewerage, HVAC, lighting and so on, in the conditions of a special interior design, there is something that causes him a feeling of discomfort, up to the level of causing him to leave this space. In other cases, although not all the facilities listed above ensure the development of physiological processes, it is a great pleasure to live in it, having a sense of well-being, security, protection and even joy. In these conditions it can be said that the notion of environmental comfort characteristic of a construction is not treated today at the level of human needs and this is because it insists only on ensuring the physiological processes of the physical structure, although the other structures presented in the previous chapter have need, they need an adequate and favourable framework for them. From the point of view of inforenergetics, a construction achieves its purpose when it offers and ensures the comfort of all structures. It can be said that the notion of comfort acquires a new value, representing the totality of information and energies organized in a certain way or determined by the living

space or habitat, which favours the fundamental processes of life and evolution of a living system of human, animal, vegetable types and to which the

access is made quickly, with minimum consumptions from the own balance.

Table 2. Influence on living system of different factors in construction and surroundings

No	The influencing factor on living systems in construction and its surroundings	The minimum percentage of influence	The maximum percentage of influence	The average percentage of influence	The order in the hierarchy of the influence that the factor has
		(%)	(%)	(%)	
1.	Construction geometry	5	23	14	6
2.	The type and nature of construction materials, their arrangement in construction and their color	24	52	38	2
3.	The state of stresses in the structure	6	13	9	8
4.	The terrestrial signal sources located in the land where the construction is located	0	24	12	7
5.	Algorithms implemented in the design of the construction (including purpose, destination)	13	47	30	3
6.	Algorithms implemented during construction execution	5	28	16	5
7.	Algorithms implemented during construction operation	34	70	52	1
8.	Algorithms implemented during operation by the environment (other constructions located in the vicinity)	13	38	26	4

Comfort can determine the access to new sources of signal, to new sources of information and energies of a being that can be processed and used for its own evolution or in the evolution of another being, but at the same time it can cause stagnation in evolution when it does not achieve its goal, in which case, being less elevated, seeks to satisfy the interests of lower structures such as the physical body. Comfort it is subject to the principles of determinism and non-determinism. For the most part (80%) is subject to determinism, when it is a result of the previous efforts of the being, with effects in the future for itself or for another being. In general, nondeterminism influences comfort i.e., provided by a living space to a being through what we call aggression. In research conducted in a habitat, harmful factors, pests felt as aggression have the following weight:

- harmful substances and materials 17%
- different noisy energies 40%
- harmful information 43%

Unfortunately, scientific research only deals with material harmful factors, and which are the least important whose share in total aggression is 17% and ignores informational-energetical aggressions on humans whose share is 83%. The most important aggressive and disruptive factors are the permanent, local, direct ones of medium or high intensity - stress, with cascading effects, extensible in time and space

and which are in fact the waste of human activities, of a technical civilization that is not spiritually oriented.

3.2 Constructions and signal sources

In the previous paragraph it has been pointed out that man has several structures and each of them has sense organs through which he analyses and processes information and energies in the existential space so as to take over those that are favourable to the fundamental processes of life and evolution at the right time. This tendency of man will determine him tomorrow to return to some subjects that are under the dust of time, subjects that he knew but that he forgot because they were highlighted by the Noesis structure and not by the Biosic one, which has become a decision-maker today and ordinator of being. One of these topics is the choice of the location of the buildings according to the activities that take place in them. Planet Earth lives its life with all that it entails in a vast ocean of information and energy more or less grouped, in which it is influenced by other planets or systems or which it influences with the information and energies from its own signal sources. To better understand the connection between a living system - living space - source of inforenergetic signal, below are presented these sources.

From the point of view of the signal generator, the signal sources can be:

- telluric signal sources (TSS) are the sources that are in the earth's crust or inside it and which through their

activity lead to the disturbance of the Earth's telluric fields with effect on living systems.

- signal sources coming from live systems (SSL) - these signals are produced by all living systems.

- astral signal sources (ASS) - have a great importance on planetary life; their highlighting as well as their concrete analysis by alpha-numerical parameters has become increasingly important.

From the point of view of the signal source intensity, it is divided into:

- weak signal source - manifested on Earth in a proportion of 21% and determines insignificant disturbances on living systems on the planet. Among the signal sources that generate weak signals are: liquid and gaseous deposits - oil, natural gas - groundwater.

- average signal sources - they are manifested on Earth by aggressive average disturbances on the living systems in a percentage of 15%. As signal sources which can be included here, metalliferous, and non-metalliferous mineral deposits can be mentioned in particular.

- strong signal sources - manifests in the largest amount as intensity on the Earth, having a very strong influence on the birth, longevity of health and death of living systems on the planet. These signal sources, related to the other signal sources, manifest and determine highly aggressive disturbances. The most important are: tectonic faults, volcanic eruptions preparations, physical-chemical transformations inside the earth's crust, Hartmann radiation.

- destructive signal sources - are manifested as intensity on Earth by strong aggression on life itself on the planet in the proportion of 11%. The category of destructive sources includes cosmic radiation, volcanic eruptions, earthquakes, major changes in typhoon air masses, hurricanes, the aggressiveness of the human factor, from nuclear experiences to the harmful way of thinking and manifestation of the year.

It should be noted that Hartmann radiation can be included in the first two categories, depending on the height at which it is located, depending on the manifestation and intensity of their action. Also, if the 11 % of destructive signal sources are extrapolated to 100%, the human factor in this 100% has an input of 92% because the human factor is the one that interacts and determines the manifestation of each of the other signal sources. Compared to other destructive signal sources, those determined by the human factor have an even greater harmful weight and because they act

over time leading to structural changes of the human factor on living systems, require large displacements of beneficial energy in the affected area of Earth. Informational and energetic radiations of a certain type: telluric, biological, astral, are determined and arise from the existence or occurrence of any discontinuity in a homogeneous environment that can be solid, liquid, gaseous or plasma. Starting from these considerations in ancient times - ancient China, Scotland, Dacia - constructions of any shape bypassed very strong disturbing faults and which had a very great aggression on the health of people. All buildings that are constructed of monolithic cast concrete that are on telluric signal sources and contain discontinuities (concrete steel reinforcement, welding cords) generate tensions that are manifested in three dimensions, concentrated or variable on the health of people, plants and animals living in or near them, disturbing their informational and energetic bioelectric signals in terms of quantity, quality, and transmission speed. A human bioelectric signal has a voltage covering the range of 30 - 150 mV and a transmission speed of 80 - 120 m / s. Any disturbance by leaving these intervals, even lead to death. By inforenergetic research, the locations of some buildings can be determined so that the activity that takes place in them is stimulated or impeded by the signal sources. Following some studies made by a collaboration between an inforenergy specialist and an architect, in the eastern part of Timișoara, the extension area of the general urban plan, spatial areas were identified in which the signal sources have equal values of intensity, as well as their compatibility with the type of activity that takes place in the buildings that are intended to be designed. Thus, locations were determined for schools, churches, socio-cultural buildings, administrative buildings and residential buildings, parks, playgrounds, and recreation, establishing the optimum between signal sources, existence and minimal harmful influence on activities that would take place in those places. The materials of the constructions, their shape, their orientation towards the magnetic poles and cardinal points, the depth of the foundation, the way of joining the structures, the inforenergetic characteristics of the area, can generate tensions, radiation-producing forces with effects on living beings. The bodies of people living in these pathogenic areas, whose action is unfavourable to life under the continuous influence of these force fields are forced to spend a large amount of energy permanently. In these people, imbalances of the central nervous system occur. Man becomes irritable, agitated, memory weakens him considerably, decreases work capacity, decreases the activity of fermentations in the body, weakens the

endocrine system, benign and even malignant tumours appear. These people find it very difficult to bear the high physical and emotional demands, the risk of a cerebral congestion or a heart attack being higher in these people. Considerable weakening of the immune system is a sign of a serious, long-term illness; as a rule, the treatment of patients in these areas does not lead to lasting effects on health. People with rheumatism have muscle contractions when they pass over areas with radioactive manifestations. During the Romans, no important edifice was built if the chosen place was not previously subjected to a test that may seem curious. Thus, on the land destined for the future construction, a flock of sheep was allowed to graze. After a year, these animals were sacrificed for liver analysis. This organ is a good collector-selector of such waves, its health proving the health of the area, the construction consequently being able to start. If a beehive is placed above a telluric node, they will be extremely agitated, producing more honey than usual, running out in a short time. Professor Mr. Bachler from the Pathological Institute of the University of Salzburg, Austria, has made thousands of observations in several schools over three decades, finding that the bank's location on a geopathogenic node is the cause of a weak concentration of the student's attention, he is becoming agitated and nervous, the psychosomatic development being slowed down. Personally, I made measurements in the amphitheatres where courses are held over a period of 20 years and I found the states of anxiety and lack of concentration of students who were at an intersection of horizontal beams arranged in two perpendicular directions due to signals of inhomogeneity of structures made of reinforced concrete. It is obvious the need for corrections in the design methodology of the technologies applied in constructions, even with the choice of solutions based on unconventional principles.

3.3 Other elements of discomfort in construction

The ground radiation network is very difficult to detect with existing MCE (measuring and control equipment), even on a completely uncovered field, not to mention the chaos of radiation existing in a multi-storey building. Physicist Daniel Deprins, a great European specialist in electromagnetic pollution research and president of the Association for the Rational Use of Radio - Electric Waves, verified the results of numerous experiments with different devices, reaching disarming conclusions: "Unfortunately there is no neutralizer able to fight effectively and efficiently against the harmfulness of the Earth's waves". However, there is at least one natural device if not industrial equipment. This is the

very human body that knows how to get rid of harmful waves. Organs such as the liver and spleen are endowed with the ability to filter these waves. Also, one of the many means used by the body to eliminate the excess waves received, is to capture them with the help of kidneys, which eliminates the excess. A pollution-free home and invisible enemies, healthy Christian conduct, magnifies, amplifies our powers in radiation protection. Proper nutrition, avoidance of smoking and alcohol, drugs, oxygenation of the lungs as much as possible through sports, a TV program limited to one or two hours, natural fibre clothing and matching the wavelength on beautiful and pleasant thoughts and images are everyday possibilities of increase human resistance to geopathogenic phenomena and exit the area of discomfort. Inforenergetics can highlight the nature of telluric signal sources, their intensity, their action on living spaces and living systems in them and also rules of life to reduce their harmfulness. These signal sources, which have harmful effects on living systems, can be acted upon in the following ways:

- can be avoided, by locating the living spaces or the place where the activity takes place, in those that offer an informational and energetic Comfort.
- may be reflected, by the use in the construction of buildings of materials incompatible with the harmful information and energies of the land and which they dissipate outside the existential space.
- can be refracted, by using materials that let pass some of this information and harmful energies but which they redirect outside the existential space.
- they can be absorbed by using materials capable of maintaining inside them this information and harmful energies without generating or radiating them in the existential space.
- can be blocked, by using materials capable of blocking the path of this information and harmful energies at the limit of interference between them.
- can be transformed, converted into energies and information beneficial to the living cell.

Unfortunately, these topics are not relevant for research institutes in the field. They did not analyse the construction materials from this point of view because it did not pose the above problems and this in the conditions in which we have a concrete example on the planet, a whole laboratory that does this, namely the plants and animals that know the above systems and apply them. The very phenomenon of CO₂ absorption and oxygen uptake is a process that falls into this type because with the material realization of this transformation, the change of

information from harmful to beneficial to the human body is made. Irrespective of the correction method applied using appropriate construction materials in points two and three, this must be done in such a way that they do not become concentrators of harmful information and energy in another direction affecting other living systems. Not necessarily all construction materials must be rethought, but among them must be inserted materials capable of solving by one of the above methods the problems of harmfulness of telluric signal sources. An eloquent example is the use of quartz crystals in combination with building materials. But for maximum efficiency, the infoenergetics specialist must be involved, who will program the quartz crystals for one of the above methods and will later check their condition. The number of crystals required, and their location can be determined by an infoenergetic specialist. The effectiveness of their action over time also depends on the type of human activity carried out in the building, the way of thinking, the interest and purpose of people's activity. If the crystals in various forms in building materials can be programmed to protect the human being from harmful energies and telluric information coming from outside the being, however, it cannot protect it from the harmful ones produced by the being in question. Other materials that can help to remove the harmfulness are those of ceramic type of a special composition and treatment as well as those of vegetal type avoiding as much as possible those of ferrous nature. An infoenergy study was carried out on the health status and on the stress level of people living in houses with a ceramic tiles roof compared to those living in houses with a galvanized tin roof. It was found that the degree of illness of people with pathogenic condition is 1.7 times higher for those living in houses with tin roofs. The same can be said for professional drivers who spend part of their lives in a metal car body without realizing that some health problems are due to the concentration inside the car of harmful information and energy, precisely because of the car body. Replacing the car body material with those made of fiberglass, plastics, graphite would reduce the health problems of drivers. It is gratifying that several institutions have sprung up in the world that analyse the fundamental processes of life and use the term "building disease". It is said that the "building disease" syndrome occurs when many people complain of poor health, a phenomenon that coincides with their presence in a particular building. Most of the interest in this area was generated by the problems found in office buildings. The World Health Organization defines building disease syndrome as "a syndrome of accusations of nonspecific feelings of an unhealthy condition whose

occurrence is associated with the occupation of certain buildings." This definition restricts the area of causes that can generate building disease syndrome, limiting it only to deficiencies related to inadequate ventilation and heating, problems related to mould and bacteria. However, we broaden this spectrum to the point of analysing and influencing the astral signal sources that act on the living systems in the building. Symptoms of building disease syndrome include: fatigue, confusion, headache, skin rash, eye, nose, throat, breathing, dizziness, vomiting, loss of sensation all leading to absenteeism from work, increased fluctuation of staff, low efficiency and low morale. When conducting an infoenergetic investigation on the state of health and discomfort, the causes that generated a disease or a deficiency in a living system are determined, the framework and the influence of the space in which it leads its existence are always analysed, applying the appropriate corrections. If we did not limit ourselves to the analysis of the life of a single generation and managed to rise to a point from which we could see the life and activity of people over several generations, we would be able to see that some of the harmful effects subject to man today have as causes the manifestation of past generations. English author Jane Thurnell-Read of the book *Geopathic Stress*, published in Teora in 1988, makes a statement and asks a question at the same time: "It is known that life or work in certain homes or offices can affect your health. In fact, whole streets can carry over time the burden of disease and poor emotional state of their inhabitants. Which is the factor responsible for these strange phenomena? ". If we have in view an analysis of the conditions of Comfort in a building or a certain habitat for man, although it would be normal for this Comfort to be extended to other living systems, we must also consider the aspects briefly exposed in this paper. Information training in this area is required as well as the development of specific measuring and control equipment is needed to broaden this spectrum of the content of the notion of Comfort. In the absence of specialized apparatus on this subject, the choice of the place where a building (intended for habitation or activity) will be located is not by chance, but on the contrary, as attested by old human experiences, is a subtle process for which there must be people of a certain quality and specially trained that are particularly sensitive to the telluric and cosmic phenomena, for the informational reading of places. They must be able to detect exactly the extent to which a particular place is suitable for a particular purpose. Such practices are common in China or Japan where there is an extremely old and solid tradition of finding the right place for each

destination. In Romania too, in ancient times there were such preoccupations that were lost from the spiritual treasure but in the last 30 years they began to revive.

4. CONCLUSIONS

Some dictionaries associate the word comfort with all the material conditions that ensure a civilized, pleasant, comfortable, and hygienic existence. The results of this research, conducted in an unconventional approach, can open new theoretical and research horizons related to the comfort of the human being and other living systems, thus extending the limits of the notion to the concept. So far, modern scientific research has highlighted the existence of extra-sensitivity, showing that living systems receive and influence information and energies outside the organs of the known senses. The limitations of this research are also given by the lack of adequate equipment and technologies for measuring and controlling these characteristics considered in the unconventional spectrum of approach. That is why a much more extensive starting point is needed in the architectural conception and in the design of materials and technologies applied in constructions, with the capitalization of some unconventional principles. A clearer explanation of the concept of comfort can generate a richer set of practical activities that ensure the priority comfort parameters imposed by human

need, even in contradiction with the current trend of computer dependence and imposing at any cost the artificial intelligence offered noisily on market.

5. REFERENCES

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