

“THE IRIS PROJECT – The eye that sees everything – fiction or reality?”

The ethics future of the iridology after the use of biometric analysis of iris in Banks and International Airports as a tool of identification and security.

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ABSTRACT

The use of the iris biometry is being disseminated through the whole world. The security and control are scope of huge investments and research. The iris biometry is now one the most secure way of identification and transit of people. The future of irisdiagnosis is associated with the mass use of this kind of identification, once this biometry was based on iridology and irisdiagnosis researches that date from many years ago and always showed us the individuals iris registers. Therefore, think about iridologist`s responsibilities from this time on, based on the historial-political and social process of mankind, considering that this use is not restricted nowadays to the consultation rooms but it is now used in several private and public companies and government offices, this moment is very special as a base to one ethics reflection about the technical professional and it`s presence in our political and social future. Think about new biological, physical and or phylosophical paradigm as a way to look mankind and it`s creatives possibilities to their self-management way of life is to inspire them to the use of a tool to their own benefits. A large discussion of this theme is the best way to protect the use of this tool and create an ethics council of iridology and irisdiagnosis. Any technical or teoric instrument is based and built by mortals, in consequence, "limited". Therefore, make the use of this tool with the maximum care to not transform it in a vulgar one and opened to all human temptations as for example, vanity, and never using these informations as a way of human control, is consequence of the ethical knowledge.

INTRODUCTION

“ex New York Mayor creates antiterrorism fund”

New York (Reuters) – The ex-mayor of New York city Rudolph Giuliani, considered a hero for his presence and decisions after the 11th September attempts in 2001, announced on Thursday the launch of a fund to investments in companies that combat the terrorism.

Giuliani confirmed that there are negotiations with other companies from Wall Street to the creation of another funds of equal proposals. He said that his firsts bets will be to private companies already controled by Bear Stearns Fund. He didn't nominate these companies by name.

“Will receive investments, for example, companies that invest in technology for the detection of terrorists risks or in people identification technologies by digitals and or iris analysis”. <http://ultimosegundo.ig.com.br/useg/mundo/artigo/0,,1286893,00.html>

The internet shows us every time we access it, a larger number of news about the use of iris biometry as a tool of identification and security in public and private places. This worry is based mainly on the tragic episode of September 11th, the consequences from Iraq War, and the possible global retaliations, as the last attempt to the Madrid trains service in Spain, on March 11th.

At the main Frankfurt`s airport, Germany (Jornal do Brasil on March 1st – internet section) it was started in February 14th, 2004, the iris register and observation at the imigration offices. The programm is supported by 18 European countries and the Germany`s Interior Minister, Otto Schily said that “The recognition of iris is known as the safest biometric system.” And, at the end of his interview he explained – “One of my

main aim is to protect Germany people from terrorism. In consequence of this global risk imposed by terrorism, our responsibility is to optimize the recognition of a possible attack”.

The science fiction movies have shown us the iris biometry as part of A sophisticated reality of high and advanced technology, serving as marketing example because familiarize the audience to the reality that will become real (or perhaps it already exists).

The iridology and irisdiagnosis seem to be associated to the propagation of iris biometry, once this biometry form is established on iridology researches.

What is biometry? Biometry means the examination of the identity through one unique characteristic, inherent to the person examined. This personal characteristic may be biological (for example: the digitals, the iris or face features) or comportamental (like dynamic signatures, sample of voice). *International Biometric Society*.

Do the iridology validate biometry? According to the iridology history researches about iris happen since the beginning of mankind. There are archaeological registers that prove that the Chaldeans and Babylonians left inscriptions on stones about iris and its relations with the body. In the ancient Egypt, were found ceramic artefacts with painted eyes, inclusively with iridological signals. In ancient Greece, Hypocrates also manifested his personal interest for the iris studies as a form of diagnosis, accordingly with references found in registers at the Salerno Scale. In 1670, Phillippus Meyens, from Dresden, on his book *Medical Chiromatic*, mentioned iris signals showing body organs and presenting a basic knowledge for the first iris map ever published. In 1695, in Nuremberg, Joahann Eltholtz wrote scientific works about iris signals. Cristian Haertels, after 91 years, in Goettinger, elaborated a work based on Meyens and Eltholtz studies, called “*De óculo et signo*” (the eye and its signals), that created a large polemic at that time. It was Ignatz Von

Peczely, from Hungary, the merit of codifying the iridology. In 1881, published Discoveries in the field of natural science and Medicine: Instruction in The Study of Diagnosis From The Eye. In 1886 Peczely published a map in Die Homeopatische Monats Blatter. (*Batello, C. Iridology and Irisdiagnosis, Ground Editors, São Paulo, Brazil*).

The interests of researches in irisdiagnosis through the Occidental researches Centres during the whole XIX and XX centuries pointed us to the certification that the iris is unique, because it just has individuals registers. Now we find published that the Biometry of the iris is the safest way of human identification. We can affirm, based on the historical time of research, that the Biometry has its fundamentals on iridology. If the world validates the Biometry, why not have a special look to irisdiagnosis?

A reflection about Edgard Morin`s thoughts in his book “Science with Conscius” when he tells us that men when are considered as an object, becomes easily manipulated and that the modern totalitarianism is not possible with a based myth, it is necessary to remember that the terrorism fair is present in all the world and that creates the need of defense, take us to create and invest in a safe way of identification, that the biometry of the iris is now known as the safest method, the following step forces us to a reflection: What is the responsibility of the professional who uses irisdiagnosis as a technical and scientific tool to the political and social future?

The responsibility of the iridologist researcher, teacher, consultor, technic or student with everything that is produced at the social life of mankind, today and in the future, must be seriously and critically considered. A scientist or any other professional (not alienated) must take part and recognize your personal implications in all political, historical and social events of your country and of the whole world; he can`t ever forget of past

experiences, where science and its measurement tools were used to ethnocentric, hegemonic and manipulation proposals.

The use of this tool as a form to contribute to mankind, take us to ethical, human and professionals application of its principles.

What is the real applicability of Irisdiagnosis?

What are the ways to this tool to be legitimated officially and ethically?

This way, trying to honor history of so many researchers and other professionals that, since Ignatz Von Pekzely (1886 – first iridological map) are sacrificing their personal lives in benefits of this tool, pretending to collaborate with peace and people's approximation, we open reflections.

“... The human sciences don't have conscience of physical and biological characters of human phenomena. Natural sciences don't have conscience of its presence in a culture, a society, history. Sciences don't have conscience of the occult principles that command its elucidation. Sciences don't have conscience that it hasn't conscience...”Morin, Edgard “Science with conscience” 7th edition, Bertrand Brazil

IRIS' BIOMETRY IN THE INTERNET

One of the companies responsible for the sales of biometry scans published that the "probability of an iris be the same to the another is of 1 in 10 high to 78". (PROGLOBO-PT)

Through a www search service, using Brazil, Canada, Japan, India, USA, Australia, England, Germany, Mexico and Chile as examples, we can find 1.200 updated sites about the introduction of Biometry scans for the iris, showing that the product is part of the modern world, with tendency to the enlargement of its applicability.

Besides safety, there are several reasons to explain this: (modernization, economy and control) for facilities in international airports; business organizations, substituting access cards, time cards or passwords for computers; in banks and financial institutions substituting credit cards; in government and private institutions for access control to places with confidential information; in institutions of maximum safety need as army and prisons; in hospitals and day cares.

Iris Biometry, when it is based on the reality of the historical Iridology researches, it turns easier its evolution and popularization of the use of Irisdiagnosis.

Iridology has developed a lot from the first map of the iris created by Ignatz von Pekzely in the end of the XIX century. Along the years, different readings were made in the emotional and comportamental diagnosis, its applicability become enlarged, breaking the borders of the clinics and health rooms to private and public organizations.

2.1 FROM FICTION TO REALITY CORROBORATED BY A PROGRAM OF INTENSE MARKETING

Mentioning the film "Minority Report" directed and acted by Tom Cruise, where the plot happens in the year of 2050 and it represents a scientific experience where all the control of crimes of a city is done by police through iris biometry, foreseen by "ciborgs" and the assumption-future-criminal is arrested and banished from community before the

crime happens. It has arrived at the confused moment of the exhibition of the thought, and we don't know well if what we are speaking is fiction or reality. It becomes necessary ethical reflections to create professional responsibility.

“The reason goes mad when it turns pure instrument of power at the same time, of the powers and of the order and end of the power and of the powers; in other words, when the rationalization becomes not only the instrument of the barbaric processes of the dominance, but also when it is destined at the same time to the instauration of an rationalist order, in which everything that disturbs and turns insane or criminal.”

Morin, E. Science with Conscience”, 7th ed. - Rio de Janeiro: Bertrand Brasil, 2003.

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THE SPECIFICITY’S RESPONSIBILITY OF AN IRIDOLOGIST WITH LIFE THAT OPENS UP IN FRONT OF HIM

We can reflect then, that if an investigation tool to mankind is used to collaborate with the opening of new possibilities, it is welcome.

Irisdiagnosis looks to "see" what potentially indicates or show us for certain forms to experience the world day by day, intends to collaborate through the iridological mapping, opening possibilities of reflections so that the own person creates new life strategies and promote self-organization despite it should be biological, social or psychological.

According to Edgar Morin the complexity takes to the multidimensional thought that says that the antropossocial reality always contains an individual dimension, a social dimension and a biological dimension. That the economical, the psychological and the demographic are the different faces of the same reality; aspects that, evidently, it is necessary to distinguish and to treat as such, but we mustn't try to isolate them and turn them no communicants and that man is an unidual being, totally biological and totally cultural at one and same time. (Cf. Morin, E.2003 7th edition: *Science with Conscience.*).

Therefore, to take in consideration Irisdiagnosis to the varied areas of the human aspect of life, it is necessary to support a form of acting based on the multidimensional thought, is the attempt we have to approximate ourselves of the complexity that is a man's life. Therefore, Irisdiagnose, while a multidimensional tool can help in several professional fields respecting the ethical bases.

3.1 USING IRISDIAGNOSIS AS A PRO-HUMAN TOOL

Pointing countless possibilities of the use of Irisdiagnosis on behalf of well-being and human development, we have:

a-) Schools - helping teachers to know better their students and that they can potentiate their qualities and internal possibilities; b) Schools for Hearing Disabled - helping teachers, psychologists and the own student in the understanding and communication of their qualities, potentialities and their affections; c) Human Resources of the Organizations - from people's selection for work whose demands could depreciate the collaborator's qualities, as well as in the selfknowledge generating selfmanegement and development of the human qualities that so much serves to the personal life, as to the professional life, as to the social; d) Armed forces - through the Human resources guiding the choices; e)

Nursing - knowing in a fast way and as close as possible the bedridden patient; f) Psychology - as a tool that approximates the patient's to the professional, in the potentialities that appear from certain forms of trying the world, making possible the applicability of an appropriate therapeutics; g) Medicine - besides approximating the patient's to the doctor in their relationship, helps the homeopath when it can approach to the *similimum* that light the choice of the homeopathic medicine and to the traditional or orthodox doctors the organic iridology can serve as primary helps to the glance of his patient's organic conditions, as well as of the genetic areas that brought a load and that can wait for the favorable way to use it, using this way in the preventive medicine; h) Sports - it is an auxiliary tool to the selfknowledgegment of the athlete and to develop his potential in a better way, as well as for technicians to know their teams, they promote larger group integration and they look for results with harmony.

4

CONSCIOUS WAYS TO IRIDOLOGY AND IRISDIAGNOSIS

We call to the conscience of all Iridologists in all of their performance levels, to the responsibility of ethical use of Iridology and Irisdiagnosis as:

a) Fundamental Principles of Iridology and Irisdiagnosis can be supported in the respect to the human being's integrity, seeking to promote the well-being, the development for-assets and so much selfmanagement in what refers to the biological organism, as for that refers to the emotional and comportamental state, seeking finally to corroborate for a community's maintenance more responsible with its own world production. b) To the applications of Iridology and Organic Irisdiagnosis: They should be defined, being

possible its use applied in several teams, as an auxiliary tool to be considered jointly with other tools of diagnosis already formal, as well as a wide study of the organic systems in a selection, as an advisor for preventive measures or of retreat of doubts. c) Comportamental's iridology applications: It is very wide the practical applicability of the tool to know the human being in a deeper way in, than tells us respect their characteristics, their potential qualities, their "armors" (defenses) that limit their development and interfere in the selfmanagement capacity, finally, its form to be and to act in the world. Irisdiagnosis can collaborate with development in the personal and professional life. d) General responsibilities of Iridologists: make use of the tool taking all maximum care to not popularize it or to fall in the vanity temptations, never using the information as a control form.

Those are just some suggestions, that are opened to the development through the reflection of groups tied to Irisdiagnosis and Ethics. Suggest the creation of an Ethical Council of Irisdiagnosis is fundamental for this historical-political-social moment.

5

REFLECTIONS ON NEW PARADIGMS OF SCIENCE, CREATING NEW FORMS TO THINK THE MANKIND AND ITS POSSIBILITIES OF CREATIVE LIFE.

5.1 NEW PARADIGMS OF BIOLOGY

Quoting reflections of Phd Silva, N.F.R., when she writes about mankind, (...) in Richard Dawkins's conception, life is a "river of information" that nothing has to do with bones and woven, carting abstract *instructions* for constructions of bodies, not a river of

solid bodies. The information goes by the bodies and it affects them, but it is not affected by them in its passage. *The river suffers influence of the experiences and of the accomplishments of the successive bodies through which it flows(...)*. In the sense of explaining the diversification of life Dawkins argues that the survival machines, initially, fed of available organic molecules in the broth. Then, those molecules went being scarce, and a branch of the survival machines, the plants developed the capacity to use solar light for us to build complex molecules. Another branch, the animals, discovered as exploring chemical benefits from plants, or eating them or eating others animals. Then smaller branches grew, ramifications of those that created the biological diversity.

(...) For Dawkins, the genes don't just make copies of themselves, but they flow through generations. (...) In spite of not explaining as, this author understands that the genes pass their time in the bodies *influencing* the form of behavior of the successive bodies in which they are.

(...) Leaving of this proposition, the evolutionist's theoretical believes that is possible to imagine experiences that would solve the problem of the proportion in that the environment and the hereditariness establish the differences of behavior among individuals and among populations. This "solution" - proposed by the thought neodarwinist - it relates and reduces the human behavior to the elementary representatives that summarize them. It is leaning in that reductionism type, that it is spoken, for instance, of the existence of genes determining "QI" (intelligence coefficient) and determining the "criminality" (determinism). (DAWKINS, C. 1987: *The Origin of the Species*. Publisher Tecnoprint. Rio of Janeiro).

(...) Scientists of the complexity level as Richard Lewin (LEWIN, R. 1994: *Complexity in the limit of the chaos*. Rocco. Rio de Janeiro) they understand that, although the scientists have deciphered the genetic code, and arrived to a group of rules, specifying the

sequences of symbols and the twenty corresponding amino acids, they verified that there is anything in the genetic code that explains the passage of the genotype to phenotype (Cf. Lewin, R. 1994; p.50-51)... Therefore, we cannot take a sequence of genetic symbols and foresee how the associated organism will be; we are not able to, at least, foresee the form of a given protein starting from the genetic code, but just the sequence of amino acids. Therefore, how could we extract from a genetic combination of symbols without sense a text that makes sense?

(...) Actually, what science of life, in what refers to the Homo sapiens, it has been observing that the relationship among one human organism can do and what is recorded in its developed brain is subtle and non-linear. Anything seems to be with a pure automatism. But, in an opposite way, such relationship is revealed quite complex, sometimes generating unexpected effects, other times, no one effect. Sometimes these effects are lethal; other times, they generate structures totally new.

(...) The science of the dynamic complex systems attempts to overcome the idea that the mankind is mere product of the relations it has in society, for these researchers, the source of order of the world is in the own to operate the alive system. It is bet in the idea of evolution of life, more precisely, in the inventivity of the process of evolution of mankind.

(...) A lot of slopes of biology have been looking life as a chess game, not as a symphony". (in Silva, N.F.R. 1998 the nature of the life: A rehearsal in philosophy of the biology; Dissertation of Master's degree - PUC RIO).

5.2 NEW PARADIGMS OF THE PHYSICS

"The investigations of the physio-chemical Ilya Prigogine on the theory of the dissipative structures and the beginning of the "order through fluctuations" are interesting for

our reflections as they establish that, in one systems, in other words, in systems that work in the margins of the stability, the evolution is explained by flotations of energy that in certain moments, never entirely previsible, they unchain reactions spontaneously that, in a way of no lineal mechanisms, they press the system to besides a maximum limit of instability and they lead it to a new macroscopic state. This irreversible and thermodynamic transformation is the result of the interaction of microscopic processes second an personal logic organization in a no-balance situation. This way, the irreversibility in the open systems means that these are product of its history (Prigogine and Stendegers, 1979; Prigogine, 1980. Prigogine, 1981: 73 and ss.) ". (in Santos, Boaventura of S. (2001) "THE Critic of the indolent reason - Against the waste of the experience" vol.1 - 3rd ed. - Cortez Editora).

"The idea that life continues, but everything is in decline is original of the closed system. The most obvious exception to this law is LIFE; everything that is alive is part of an open system that wraps up with its atmosphere and it continues to grow and to develop."

An alive system modifies to preserve itself, this form of thinking is original of the open system". (Wheatley, M.J 1999 Leadership and the New Science; Cultrix Amanda-Key SãoPaulo.)

5.3 THE COMPLEXITY AND THE COMPLEX SYSTEM

Complexus is what is together; it is the fabric formed by different threads that became one thing. That is, everything that intersects, everything is interlaced to form the unit of the complexity; however the unit of the *complexus* doesn't destroy the variety and the diversity of the complexities that wove it.

Complexus of the *complexus*, to this species of nucleus of the complexity where the complexities are. (Morin, E.2003 7ªed. "Science with Consciência" Bertrand Brasil - SP - "Science avec Conscience"; p.188).

The term self-organized complex system concerns the called "theory of the self-organization developed to describe complex systems that modify additionally in relation to the complexity in time and in space." (in Silva, N.F.R.; Cf. Flickinger, H. & Neuser, W. 1994: The theory of the autoorganização: the roots of the interpretation construtivista of the knowledge; p.50/51).

On the complexity and the differences, Edgar Morin tells us that " the complexity is not evenly distributed in the organisms and it varies, in first place, according to the time; the moments of strict mechanism are less complex than the one of transformation and creation.

(...) In a more general way, the alive systems present variable combination of elements and of states, some more compounds, but more fragile, other less compounds, more resistant in a sense, but less flexible and no inventive. They present a couple of potentiality, for the increase and for the decrease of the complexity, that sometimes shows alternately, other, simultaneously in crisis situations. With effect, the systems in crisis react or with tendency for the regression until the states and the less complex solutions, with stimulation of the heuristic strategies and with the invention of new solutions.

(...) In the concerns of alive being, it suffers double determination, genetics and ecological (to which joins for the human being, the determination socio cultural)... the strategy grew in the animal species in an extraordinary way through the tragic game between prey and predator, elaborating each one a feigning strategy, it avoids, of cunning one for the attack, other for the defense or to scape... As for us, humans, endowed with conscience, of

language and of culture, we are individual-subjects computates/cogitates (cognoscente) capable of decision, of choice, of strategy, of freedom, of invention, of creation, but without leaving of being animals, without leaving of being human-machines. That puts us in the position of instead of saying "yes" to the boss, to the tyrant, it is said "no".... We Forgive the enemy in the moment of killing". (Morin, E.2003 7ªed. "Science with Consciência" Bertrand Brasil - SP - "Science avec Conscience"). Why? Because subjectivity is a drift process which is constituted in this relationship body (genetic potency) added to the experience (world that, with their multiple and singular "meanings" it is going "marking" life and the existence of each one). it is without a doubt, a continuous and creative process.

In Brazil we have an alive example that lead us to reflections. Our President Luiz Inácio Lula da Silva, born in the Northeastern drought, badly nurtured, badly treated by the politics of his country, poor and with very little study, as many boys and men that we found at our Country. We didn't "know" his iris yet, but, we know his creativity in inventing a life form for himself, unexpected, surprisingly. Maybe this man even know about the open systems of biology, nor the physics, nor about the complexity, but his life history is the proof of these possibilities.

6

CONCLUSION

The positive applicability of Irisdiagnosis as a tool, pass by the Iridologist's responsibility on what he produces in the world.

This tool intends to map the innate areas (biological) and acquired (social); the qualities and potentialities to be applied in the world, the difficulties for the

selfdevelopment and it serves as "advisor", showing ways through data found in the iridological map, by new ways of possibilities through where the human being supposedly can find the well being, the homeostase “biopsychophysicosocial”, making possible health and selfmanagement with total free will.

No one iridological map is definitive, but "advisor". For that we have to take care of the orientations that we propose for a life!

Hoping this work should present a positive contribution for the professionals that use this tool, mobilizing them to a political-social planetarium at this time, take precautions so that they always honor the history of Iridology and Irisdiagnosis to think about the arguments here presented and that they use it on behalf of the approach among men, always respecting the human being's creative possibility, the human ethics, the professional ethics and peace.

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