

THE WIGNER ENIGMA

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Everything written below is from the point of view of our personal cosmology. It is not intended to be true for anyone else reading it, and we are most certainly not attempting to convince the reader of anything whatsoever. Even if we desired to do so, it is impossible; because one person can never transfer his understanding to another! It is for you to prove or disprove according to your ability to expand your consciousness. You are a Microcosm, created to view the Cosmos from your own unique point of view; therefore, if you wish to experience the indescribable joy and happiness of knowing who you are, where you came from, and where you are going, you must develop your personal cosmology from scratch to the level of awareness where you feel the wondrous bliss of being at One with The Consciousness of Energy! Remember, 'right' and 'wrong' are dual aspects of the same thing! Arguing between them is useless, because one cannot exist without the other; it is for you to choose which side you will physically realize and which side you will leave unfulfilled in your unconscious mind where it must eternally serve as a reference!

The purpose of Man is to evolve and joyously expand the consciousness of the Boundless Cosmic Essence (BCE), beginning at the animal level of awareness, and forever projecting forward into eternity by praising, honoring, and glorifying the awesome wonders of His creations. Since you can never truly praise and glorify that which you do not comprehend and understand, to fulfill your divine purpose you must spiritually uplift yourself through the agony and the ecstasy of many lifetimes of experience. Indeed, this must be done with a deep devotion to 'the love of pure holistic learning' while thinking, concentrating, and meditating deeply upon that learning, in consultation with your spirit, for the purpose of earning the priceless jewels of eternally expanding knowledge, profound wisdom, and deep understanding. These things are the prerequisites for awakening your Cosmic Awareness, and qualifying yourself to experience the ecstatic joy of being co-creator with the Boundless Cosmic Essence, eternally at One with It, and intellectually and emotionally sharing the awesome bliss of being centered and enfolded in Its boundless Light and Love!

ABSOLUTE ONENESS; THE THOUGHT ILLUSION OF TWO

The absolutely **BOUNDLESS COSMIC ESSENCE (BCE)**, is **ONE and INSEPARABLE**. Since He is boundless, He can never be perceived; indeed, if He cannot be perceived, He most certainly cannot be named. Consequently, the Cosmic Spiritual Teachers of The Order of Melchizedek, while ministering to the ancient Hebrew Priests, could only refer to Him simply as: **THE NAMELESS ONE**. Therefore, it logically follows, deeply and profoundly, that the first, and greatest Cosmic Law is:

D) THE ABSOLUTE LAW OF ONENESS

All things which are bounded and perceivable, and all things which are unbounded and unperceivable, are timelessly and characteristically united as One; and, the Absolute One is systematically, and Eternally, manifesting Its Bounding and Centering AWARENESS as Infinitely Expanding Cosmic Consciousness. Finally, He transforms His Thoughts into illusions of physical reality with His awesome Divinely Spiraling (Spiritual) Creation and Annihilation MIND-FORCE ENERGY!

Corollary (A) - ENERGY and the CONSCIOUSNESS OF ENERGY can never be destroyed.

Corollary (B) - Energy, and its associated Masculine and Feminine Consciousness, is Eternally EXPANDING, QUANTITATIVELY and QUALITATIVELY, beyond the Projective Boundary of the physical COSMOS at INFINITY!

Behold in Me the One , inseparable. Two things there are not in My universe. There is but Me.

Everything that Is, consist of every other thing that Is. Nothing is of itself alone. All things are indissolubly united.

This is a universe of seeming; an imaged universe of thinking; an action universe of desiring. That which Mind desireth will appear in the image of that desire.

I, with man, am creating man in My universal image. What I am, man is. I think idea; and the form of my idea appears in the pattern of My thinking. I think man; and man appears in the pattern of My thinking. Man thinks man; and man appears in the image of man's thinking. Man's thinking is My thinking. All thinking things are thinking My thinking. All created things are formed in the image of My thought imaginings to manifest My thought imaginings. The Universe is My image, creature of My imaginings.

All things come and go from My divided thinking.

Man who sleeps, or dies, or disappears is but man's image; for Self of man sleeps not, dies not, or disappears not; for Self of man is Me.

Again I say that I am One, and man is One in Me when he knows that I am he.

For I am a patient God. I patiently await awakening man.

Awakening man is he who knoweth the Light of Me in him. Man may choose his own aeons for his awakening, but know Me he must. Until that day man's agony of unknowing shall be man's alone. His knowing must be his own desiring.

Knowing man is ecstatic cosmic man; he who beginneth to know Me in him—yea, even him who suspecteth Me in him, hasteneth his unfolding to cosmic man of all-knowing.

Know thou, therefore, that time is naught, nor are there moving things which change; nor is there life, nor death, nor cold, nor heat, nor good, nor bad in My universe of Me.

Why for be thou slave to sensing. Be Me in thy knowing.

All things are One, but made to appear as two extensions of the centered One.

Know thou that the two extensions of My recorded thinking are divided by the One which centers the two, the One balancing the two, the One controlling the two.

I, the One, am not divided into two, as pairs of opposites of Me. I divide the two extensions of My thinking but I am not My thinking, nor am I two.

When man thinketh man alone, denying Me, then is man's image man's, not Mine.

When man thinketh Me, through knowing Me, then is he patterned by My image and I am he.

When man thinketh Me in him, then is man's balance absolute.

When man so thinketh, then hath he all power that I, thy Father-Mother-Thinker of Creation hath.

Sex is the division of a balanced equilibrium condition into two equally unbalanced conditions which negate each other periodically for the purpose of repeating the two unbalanced conditions.

The Message of the Divine Iliad
Walter Russell

Does it come as a surprise to you when we say: **“WE ARE ALL IN HEAVEN!”** Indeed, we have always been in Heaven, and we will forever be in Heaven.

Throughout all time, and all space, which enfolds all UNIVERSES, and infinitely beyond into the Boundlessness of THE ENTIRE COSMOS, Heaven, as the Process of Forever Expanding Consciousness and Spiritual Awareness, abides ETERNALLY! With seven parables, and thirteen illustrations, CHRIST tried very hard to clearly explain this to his disciples; however, the development of their spiritual consciousnesses was so low that they could not possibly understand him at that time, and even today, very little is actively being done to change this situation (We have expanded upon this in our article: *Christ (Ouranos)*).

But now, after 12,000 years of evolving and involving on the Dark Caterpillar Plane of materialistic consciousness, **the knowledge, wisdom, and understanding obtained by Earthbound Mankind**, from the agony and the ecstasy of countless lifetimes of experience, by the many, and the added devotion to the love of pure learning and creative action, by the few, **is now adequate to**

enable mankind on earth to develop a viable system of Holistic Education which will open the minds, hearts, and Spirits of all of the precious and divine children who are beginning to incarnate on Earth. Since the children of the world are Microcosms of the Cosmos, they are born with all of the creative powers of God potentially within themselves which can only be released by educating them holistically, and inspiring them to develop their Personal Cosmologies eternally, from incarnation to re-incarnation, on the vast scale of the COSMOS.

Even though the entire human race on earth is evolving and involving by expanding and contracting their planes of consciousnesses as a Whole, **the fact that each and every person is a Microcosm, means that the Whole is not greater than the Parts!** During the Dark (Caterpillar) Phase of mankind's cycle of spiritual development, when they are totally ignorant of their true nature as Microcosms, the individual is considered to be 'irrelevant' to the Whole; however, **during the (Butterfly) phase of light, which is now dawning, the individual who hears the beautiful silent voice of THE BOUNDLESS COSMIC ESSENCE, whispering from eternity within, IS the 'Essence' of the Whole!**

In other words, the expansion of the consciousness of mankind on earth, as a whole, can only take place by first holistically educating each and every person to the highest level which is so far possible and, thereby, enabling each and everyone to develop their Personal Cosmology from their own unique point of view. Finally, the unification in diversity of all of these unique personal cosmologies will synthesize the highest Plane of Consciousness and the level of spiritual awareness which has thus far been achieved by Mankind on Earth.

Indeed, even during the Caterpillar Phase, it is the contributions of the few, who have expanded their consciousnesses beyond that of the average person, which has been the principle forces accelerating the development of profound philosophies, mathematics, physical science, and spiritual science together with building high technology civilizations as a consequence of applying them.

The true reality is that no given individual can do anything whatsoever to force another individual to expand their consciousness! This is made readily apparent by the fact that nobody can transfer his deep and divine understanding to anybody else! Along the same line of thought, no physicist, or group of physicists, can develop a Unified Theory of Everything that is 100% satisfactory, physically,

mentally, and spiritually to each and every highly intelligent Human Microcosm evolving and involving on earth, let alone in the entire Cosmos! The principle reason for this is that each and every Microcosm is absolutely unique and can only fulfill the purpose for which they were created by developing their personal cosmology from their special point of view, that is perfectly understandable to them, and fills their hearts and minds with the joy, wonder, and beauty of indescribable ‘Eureka’ experiences! Einstein alluded to this in the following statement:

The most beautiful thing we can experience is the mysterious. It is the source of all true art and all science. He to whom this emotion is a stranger, who can no longer pause to wonder and stand rapt in awe, is as good as dead; his eyes are closed!

The greater the intensity of ‘Eureka!’ experiences, the greater the degree to which the plane of consciousness of a person is expanding. These beautiful experiences are a direct consequence of continuous personal discovery, and this can never be brought about by considering the ideas, thoughts, feelings and theories of other people, and the contents of their books, as containing absolute truth for everybody. **Dogmatism of any kind is the quickest and surest way of stifling a person’s spiritual development!**

On the other hand, it is extremely difficult for a unique individual, working in isolation, to develop his personal cosmology to a high level without studying, and deeply meditating upon, all of the highest knowledge, wisdom, and understanding pertaining to philosophy, mathematics, physical and spiritual science, which has been developed and accumulated by everyone who has learned from their experiences of living on earth throughout her history! In spite of this, the holistically trained student never looks upon the world’s knowledge as being either ‘true’ nor ‘false’ because, from his point of view, both are equally important. He fervently realizes that anything which is chosen to be ‘true’ can only be comprehended with respect to that which is rejected as ‘false’; therefore, both are required and one cannot be destroyed without also destroying the other!

By studying the world’s knowledge, with deep thought and imagination, the student is forced to rely upon the awesome divine creative powers that are latent within him, and this enables him to utilize them as a ‘guide’ toward developing his

Personal Cosmology from his unique point of view. Because of the Oneness of all things, the personal truth which a student discovers will agree, in principle, with that of all others on his Plane of Consciousness. However, his personal point of view of that truth is uniquely his own and throughout the entire Cosmos, there is not another point of view that is precisely the same as his own because of the absolute uniqueness of individual understanding!

Due to the very low plane of materialistic consciousness, which is common to nearly everyone during the caterpillar phase, the search for a single theory of everything, which is satisfactory to everyone, has been relentless. When a physicist develops a theory which he believes truthfully conforms to nature's laws, he attempts to make others accept his theory over and above their own. This, of course, leads to much argument and judgement by physicists pertaining to the relative truth of each other's theories while they are always searching for that special theory with which they can all agree. Einstein showed that he was well aware of the sublime folly of this kind of thinking when he made the following statement:

Whoever undertakes to set himself up as a judge of Truth and Knowledge is shipwrecked by the laughter of the Gods.

This statement verifies, with certainty, Einstein's understanding that all argument and debate between advocates of different theoretical approaches to describing nature is futile for many reasons: The most important reason, as we have already pointed out, is that **the very purpose for the existence of each individual Microcosm (person) is that they develop their Personal Cosmology from their unique point of view and then utilize it to become a co-creator with God!** It is in this way, and this way only, that each person can make their absolutely unique contribution to **THE EXPANSION OF THE CONSCIOUSNESS OF THE COSMOS** as a whole! Therefore, the extent to which each person's cosmology is 'true' or 'false' is their personal concern, and their concern only! **Therefore, anyone who did not uniquely develop the theory in question, from 'scratch', is not qualified to complain about it because he never went through the processes of learning, thought, and deep spiritual meditation that are absolutely required in order to experience the mystery, the wonder, the awe, and unspeakable joy of discovery which caused Archimedes to exclaim: "EUREKA".**

Therefore, the relative truth and knowledge pertaining to one person's cosmology can never be used to judge the relative truth and knowledge pertaining to another person's cosmology because it is impossible for any two persons to ever look at the Cosmos from exactly the same point of view! **The degree to which the cosmology of any individual conforms to the true nature of the Cosmos is measured by the extent to which it has expanded their awareness toward experiencing the awesome bliss of consciously communicating with THE BOUNDLESS COSMIC ESSENCE (BCE, GOD) and becoming a co-creator with Him!** Therefore, the Consciousness of the Cosmos is the only legitimate judge of any person's unique cosmology. Einstein's statement above is precisely correct; however, few if any of today's physicists seem to have taken him seriously or even really understood what he was trying to say.

Several physicists are giving papers at conferences in which they are saying that "Einstein was wrong outright!" Now we have already pointed out that so-called 'right' can be perceived only with respect to so-called 'wrong' and that one cannot exist without the other! This only means that 'Einstein is wrong' with respect to the cosmology of the person making the accusation; however, the so-called 'wrong' is 'right' with respect to Einstein because it is his cosmology and he is the sole judge of it! Therefore, the person making the accusation should, instead, be thankful that he has discovered something in Einstein's cosmology which is 'wrong' with respect to his cosmology and should immediately set about strengthening his own cosmology by discovering the 'right' which is the dual of what he considered to be 'wrong'.

Therefore, those who are enlightened, are always evolving and enhancing their personal cosmologies by learning from and comparing them with the equally valid cosmologies of others! Remember, **it is always wise to listen to everyone, including those who are still in the darkness of ignorance, because even though they may never say anything that you have not heard before, they may make you 'think' of something which you have never thought of before!**

Consequently, everyone who receives a holistic education in the future will highly respect, and even praise, the personal cosmologies of every other individual. Since everyone is a Microcosm, created in the image of GOD: love, respect, and praise given to other people is tantamount to love, respect and praise being given to GOD! The only requirement is that they are working as hard as they can on

their personal cosmology, at their present plane of consciousness, which is simultaneously expanding as they bring about greater fulfillment of their Spirit's Aspirations. To each and every holistically educated person, their Spirit, the representation of GOD within them, is their ultimate inspirer, authority, and final judge; and nothing else, in the entire COSMOS, is qualified to usurp it!

Just as the physical, mental, and spiritual development of all new-born babies in the world is absolutely dependent upon learning to speak the language of the communities in which they are born, the ability of Man, the Microcosm, to expand their consciousness directly depends upon the degree to which they have learned to speak the Language of GOD who eternally centers them from within and enfolds them from without. In our Personal Cosmology, we refer to the Cosmic Language of GOD, as THE LANGUAGE OF LIGHT!

During the process of studying the philosophical foundations of Einstein's life, and re-constructing his cosmology by deriving his **Special and General Relativity** in every detail, we obtained enormous insights into how a very highly evolved System of Holistic Education should be constructed! While intensely studying, and deeply meditating upon the concepts of relativity theory under the guidance and inspiration of GOD, THE BOUNDLESS COSMIC ESSENCE, who eternally centers and enfolds us, suddenly, and with great joy, we experienced one of our most profound 'Eureka' moments; because, at that moment, we realized, with great delight, that **GEOMETRY IS THE MASCULINE ASPECT OF THE LANGUAGE OF CONSCIOUSNESS AND THE SOULMATE OF THE FEMININE CREATIVE OCTAVE OF COSMIC MUSIC WHO IS THE FEMININE ASPECT!!**

INTRODUCING CONSCIOUSNESS

Just as all Physical Science implies the perception of a thing by the Conscious Mind; and then, comprehending and eventually attempting to understand this thing by 'consciously measuring it', we are inspired to make the conjecture that the perception of 'Consciousness Itself', which is forever beyond measurement, is in the domain of the Spiritual Mind. But this realization immediately calls forth the question: "What is the Spiritual Mind?" Throughout recorded history, the word 'Spirit' has been argued about, fought over, vastly abused, and mis-used but there has never been a masculine objective intellectual definition, which is

complimented by a feminine subjective intuitive definition, that can be joined in marriage to help mankind experience the Awesome Bliss of being at One with THE SPIRIT OF GOD!

Of course, the reason for this is the fact that mankind has been evolving and involving through the darkness of the materialistic caterpillar phase for the last 12,000 years, and during this time, their planes of consciousness have been so low that comprehending the Spirit, and then defining it, was all but impossible for them. However, the overall awareness of the human race has been expanding and now, as the caterpillar phase is about to terminate, masculine intellectual physical science has been able to lay the foundations for Quantum Mechanics and is now rapidly discovering its implications. The most important implication of all, implying that Consciousness is an aspect of energy, was put forward, as a conjecture, by one of the 20th century's most important theoretical physicists, Nobel prize winner Dr. Eugene P. Wigner who, after much thought and analysis, was prompted to say:

When the province of physical theory was extended to encompass microscopic phenomena, through the creation of quantum mechanics, the concept of consciousness came to the fore again: it was not possible to formulate the laws of quantum mechanics without reference to consciousness.

Eugene P. Wigner

To compliment this statement, which was made from the masculine point of view of a physical scientist, Joseph Campbell, who was the world's greatest mythologist, and natural philosophers, deeply experienced consciousness in nature, from the feminine point of view, and expressed his feelings as follows:

It is a part of the Cartesian mode to think of consciousness as being somehow peculiar to the head, that the head is the organ originating consciousness. It isn't. The head is an organ that inflects consciousness in a certain direction, or to a certain set of purposes. But there is a consciousness here in the body. The whole living world is informed by consciousness.

I have a feeling that consciousness and energy are the same thing somehow. Where you really see life energy, there's consciousness. Certainly the vegetable world is conscious. And when you live in the woods, as I did as a kid, you can

see all these different consciousnesses relating to themselves. There is a plant consciousness and there is an animal consciousness, and we share both these things. You eat certain foods, and the bile knows whether there's something there for it to go to work on. The whole process is consciousness. Trying to interpret it in simply mechanistic terms won't work.

These beautiful statements penetrate to the very soul of the Cosmos and they could only have been made by holistically educated physical and spiritual scientists who, at least dimly, have begun to hear the silent inspiration of GOD.

In spite of the enormous advances in Quantum Theory since Eugene Wigner made his consciousness conjecture, it is still being questioned as to the extent of its global validity by many physicists who believe that there is one final theory of everything that satisfies, and is profoundly understood, by all Microcosms regardless of their unique points of view. Since a holistic system of education, of the kind we are envisioning, existed nowhere on earth at the time of Dr. Wigner's birth and, indeed, still does not exist, where and how did he obtain his holistic education? While intently studying a short biography of Eugene P. Wigner, that was written by George Marx for the Wikipedia Encyclopedia, our insights into the true nature of a profoundly relevant holistic system of education were confirmed and greatly expanded. Therefore, we proceed to review it with Dr. Wigner's own words:

“Simple Hungarian poems and songs that I learned before 1910 still come to me unbidden. After 60 years in the United States, I am still more Hungarian than American, much of American culture escapes me. Jokes are apparently universal, but no country could possibly love them more than Hungarians did. I have never known such a taste for jokes in all the years since I left Hungary; certainly not in Germany and not in the United States either. Food and shelter are necessities, but laughter is not. So why do we invent jokes with such skill, and laugh at them with pleasure? In Budapest there were many cafés, of a kind that hardly exist in the United States. In such places, you were not only allowed to linger over coffee, you were supposed to linger, making intelligent conversation about science, art, and literature.

This was the reason why not only Theodore von Kármán, Arthur Koestler, Michael Polányi, and Leo Szilard (that time politically leaning towards the left),

George de Hevesy (accused of cooperation with Theodore von Kármán), but later also John von Neumann, Edward Teller, and Eugene P. Wigner (coming from well-to-do capitalist families) -- emigrated from Hungary. -- Béla Kun can unwittingly take credit for the American preeminence in the development of nuclear energy -- as Stanley A. Blumberg and Gwinn Owens wrote. But this was not the reason why Béla Kun was executed by Stalin's purges in Russia in 1937.

The well-to-do family sent Eugene to the Lutheran Gymnasium, which provided a lasting intellectual provision to him. **He especially emphasized the impact of his mathematics teacher, László Rácz, who took special care with him, and also of his schoolmate, John von Neumann.**

He was enrolled at the Budapest Institute of Technology in chemical engineering, but the new rightist military regime reduced the rights of Jews to attend university, thus Wigner left for the Institute of Technology in Berlin-Dahlem. **There Wigner's consultant was Michael Polányi. -- After László Rácz of the Lutheran Gymnasium, Michael Polanyi was my dearest teacher -- remembered Wigner. -- His finest gift was to encourage young men with his very great heart. In all my life, I have never known anyone who used encouragement as skillfully as Polanyi. He was truly an artist of praise. -- In Berlin Wigner considered Polanyi to be as valuable a scientist as the Nobel laureates Laue, Nerst, and Pauli.**

Once I made a remark to Polanyi about the impossibility of an association reaction. He heard my idea without grasping it. Months later Polanyi told me, -- "I am quite sorry. This point which you have made on association reactions: I have heard that the same problem had been discussed in a very recent paper of Max Born and James Franck. (Both obtained Nobel Prizes later.) I told them that you had the same idea. I am quite sorry, I failed to understand you."

Wigner completed his Ph.D. thesis under the supervision of Michael Polanyi in Berlin. His thesis (published later in 1925 jointly with Polányi) treated the formation and decay of molecules.

Eugene and Heckmann were lying on the lawn near the municipal swimming pool in Göttingen. Heckmann (a German astronomer) observed that a trail of ants was crawling across Eugene's right leg, and he asked Eugene "Don't they bite?"

The answer was "They do." Question: "Then why don't you kill them?" Eugene Wigner: "I don't know which one it was." -- This story was told by Edward Teller [in the foreword of Wagner's book on Wigner]. According to his other story, while Wigner was driving in Princeton, another car crossed the street unexpectedly. As the blood pressure went up, Wigner shouted at the other driver: -- Go to hell -- please! [Valentine Telegdi to the author.]

According to John von Neumann, when Leo Szilard entered a revolving door following somebody, he somehow managed to come out first. Not so with Wigner. If you are accompanied by Wigner, and let him enter the revolving door first, he manages to leave it last. -- **In America every physicist knows Wigner's modesty -- Valentine Telegdi said [in a lecture in Hungary 1989]. -- This is, however, an "apparent" modesty. Wigner knows his own value very well, the modesty serves only as a defense against provocation.**

Edward Teller characterizes Wigner: -- When he says to a seminar speaker: "What you say is interesting," that is a much harder criticism than my saying to the speaker: "That's damned nonsense." -- (The author of the present booklet experienced this behavior of Eugene Wigner upon himself.)

As a small child, he was taken on an excursion in a carriage. Eugene was supposed to chat politely with grownups, but he would have preferred talking with the horse. Unfortunately, the horse did not speak Hungarian. But he kept this kind of interest through his whole life. Albert Einstein -- and a lot of other giants of physics -- had reservations with respect to quantum mechanics because it is not deterministic in the strict Newtonian sense. One can compute the time evolution of the wave function, but at the instant of measurement the wave function suddenly shrinks to one of the eigenfunctions of the measured quantity, and we cannot predict exactly to which of them. Quantum mechanics offers only probabilistic prediction about the outcome of a measurement, and about its impact upon the state of the micro-object.

But what is a measurement? -- asked Wigner. He tried to give himself an answer. It is the interaction of the real outside world with the mind of the physicist. This has raised the further question of consciousness. What happens if a human looks at the measuring device but he misses appreciating the position of the dial? And do animals possess consciousness?

In his last years, Eugene P. Wigner thought more and more about consciousness and its relation to quantum mechanics. In his acceptance lecture for the honorary Ph.D. degree at Eötvös University, Wigner expressed his personal opinion [The Future of Physics, printed in the Heavy Ion Physics Volume 1, a Wigner Memorial Volume, Budapest 1987]: *There are phenomena which physics cannot yet describe. For example, it cannot describe life, emotion, or consciousness. This situation is like not taking gravitation into account would be. But gravitation exists and life exists. I am here, I feel joy and desire. It used to be said that man is subdued to the laws of physics, and his emotions are irrelevant. I cannot accept that! I am convinced that the sequence of events is influenced by my consciousness in a similar way as it is influenced by the force of gravity. If this were true, there would be something which physics is not interested in as it was not interested in the existence of atoms 100 years ago.*

“I can imagine that the human intellect has its own limitations just as the animal brain is limited. Once I tried to teach the multiplication table to a nice and skillful dog. Not to make a difficult calculation like 6×8 . Rather, I showed him 2 squares and 3 squares, and I wanted the dog to indicate that the product makes 6 squares. I failed. The dog can learn very different skills, but it seems not to be interested in multiplication.

Up to a certain degree we are like animals. It is quite possible that our interest and our knowledge is limited as well. **I would like to hope that understanding life does not lie beyond the limits of our intellect.** We have learned to describe the behavior of gases and the behavior of atoms. Once perhaps we shall understand life as well.

This is why one cannot exclude that a deterministic description of the human mind will not be possible. It may be that present physics will be enough to describe a bacterium. When it succeeds, the bacterium will not be considered to be alive any longer. But in order to describe the whole complexity of life, including human consciousness, we shall be unable to restrict ourselves to pure wave functions, because the impact of the macroscopic environment disturbs it immediately, e.g. by the cosmic background radio waves, which are present everywhere with a temperature of 2.7 K. -- It is quite possible that understanding consciousness remains as far from the human intellect as multiplication from my

dog.”

According to Wigner, Newton was the greatest physicist because he was able to condense all the knowledge about the physical Universe in the single volume of the "Principia." During the early 20th century, Wigner welcomed the arrival of relativity and quantum theory because they promised a compact world picture again at the price of a certain abstraction. As a matter of fact, Wigner's monograph on Group Theory and its Application to the Quantum Mechanics of Atomic Spectra is a rather successful attempt to offer this synthesis for the 20th century. Seeing the expansion of physics, the recent flood of scientific information filled him with anxiety. At the age of 85 he was asked by Hungarian secondary school students about his view of the future (1987):

“Well, please, it is a hard question. The realm of physics has been extended tremendously. In the first book I ever read about physics when I was 17, [written by Sándor Mikola] it said: "

‘Atoms and molecules may exist but this is irrelevant from the viewpoint of physics.’ Only chemists were interested in atoms. It is marvelous that physics succeeded in explaining atoms. It is not clear whether such a success will be also reached in the future. How far humans can progress in science is not clear.

Physics has offered me a lot of joy. I loved physics. I still love it. But I cannot grasp a considerable part of recent physics: it is getting too complex and too sophisticated for me. But if a single person is able to catch only smaller and smaller fractions of science, and cannot understand the essence of science, young people may lose their interest in it. Today it is almost impossible to know the whole of physics. I consider this complexity to be a danger for the future of science.

If people don't get an overview, they may lose interest. If they are not interested, they will not learn science. If young people do not study science, that will terminate the development of science. I am deeply worried that we have not yet received any message from alien civilizations. It is probable that there are other habitable planets; people or other similar creatures may live on them. It is likely that some of these civilizations have developed more knowledge than we have.

Therefore it is surprising that they have not established contact with us. I don't think on a direct visit because of the huge distances, but they might use telecommunication. I am surprised that there is only one earth and only one species which is interested. There are two possible explanations for this puzzle. One possibility is that they developed science and technology in the past, they started an arms race, and then they annihilated themselves and their whole planet. If this is a rule of the development of intelligence, it could explain the silence. Another possibility is that they developed science, which raised their standard of living. The luxury made them lazy, they gave up reading books and learning science. **It is also possible that physics turned out to be too complicated for them, thus they found it boring, and stopped being interested in science.** This is why those beings ahead of us by 50 years or more are not interested in contacting us. I hope I am wrong. I hope my fear of an end of the story is mistaken. I don't know.

In his last two decades Wigner visited his home country several times, lectured to students and professors, published in Hungarian, became an honorary member of the Eötvös Society, and also a member of the Hungarian Academy of Sciences. In 1995 he was buried in the Princeton Cemetery at the side of his former wife Mary. In Hungary, hundreds of people attended the Memorial Session on the 23rd of January 1995. In schools physics teachers spoke about his scientific and historic importance to their students. The New York Times printed a six-column obituary about the bold physicist who changed science's perception of subatomic particles and who helped usher in the Atomic Age:

Wigner was part of a circle of remarkably visionary scientists born and educated in Budapest who eventually came to the West and transformed the modern world. (Author: George Marx)

Within our personal cosmology, all of the intriguing questions which were asked by Nobel Prize Winner Dr. Wigner, have been answered to such a level of sophistication that they would have been far beyond our wildest dreams only a few years ago! In addition, all of his concerns have been so profoundly addressed that we are now experiencing the great JOY of Christ which can only come with the exponential expansion of our Planes of Consciousness! Truly, as Christ said in the Thomas Gospel, ***the Kingdom of God is spread all over the earth and men so not see it.*** Wow!, do we see it; and, our cups run over with great happiness!!