

# Science and Spirituality

Adrian Ferent

I am the first in the world who wrote an equation, a transdisciplinarity equation, a link between quantum mechanics and spirituality, a link between science and spirituality.

## Abstract

### My Nobel Prize Equation

#### Ferent Energy Centers Equation

The most important question: WHO AM I?

“I am a wave and the wave function is:

$$|\Psi\rangle = c_1 |\Phi_1\rangle + c_2 |\Phi_2\rangle + c_3 |\Phi_3\rangle + c_4 |\Phi_4\rangle + c_5 |\Phi_5\rangle + c_6 |\Phi_6\rangle + c_7 |\Phi_7\rangle$$

there are 7 states  $|\Phi_i\rangle$  because there are 7 main energy centers.” Adrian Ferent

Started from this equation I discovered more very important equations, more links between science and spirituality.

Who am I? Involves a set of questions and answers bearing on Self-enquiry.

Thought is the nature of the mind. The thought ‘I’ is the first thought of the mind.

Transdisciplinary research means working on supra-disciplinary, above the disciplinary science system, to maximum reintegration of different science domains; integrates and moves ahead of discipline definite approaches.

Quantum information is physical information that is held in the state of a quantum system.

In the beginning was the qubit!

We follow the path of information.

I defined the consciousness a probability space and the measure of the whole space is equal to One.

Our evolution level is our consciousness level!

What Darwin did not understand? The evolution of consciousness.

The wave function of each man is unique and he can always be found by it.

Great thinkers spoke about spirituality and science but none of them wrote a transdisciplinarity equation, that is why I wrote several transdisciplinarity equations.

## Ferent Transdisciplinarity Equations

### Ferent Nobel Prize Equation

#### Ferent Energy Centers Equation

The most important question: WHO AM I?

“I am a wave and the wave function is:

$$|\Psi\rangle = c_1 |\Phi_1\rangle + c_2 |\Phi_2\rangle + c_3 |\Phi_3\rangle + c_4 |\Phi_4\rangle + c_5 |\Phi_5\rangle + c_6 |\Phi_6\rangle + c_7 |\Phi_7\rangle$$

there are 7 states  $|\Phi_i\rangle$  because there are 7 main energy centers.”

### Ferent Acupuncture Points Equation

“I am a wave and the wave function is:

$$|\Psi\rangle = c_1 |\Phi_1\rangle + c_2 |\Phi_2\rangle + c_3 |\Phi_3\rangle + c_4 |\Phi_4\rangle + \dots + c_{n-1} |\Phi_{n-1}\rangle + c_n |\Phi_n\rangle$$

there are n states  $|\Phi_i\rangle$  because there are n acupuncture points.”

### Ferent Energy Channels Equation

The channels of the energy centers represent energetic paths:

$$|\phi\rangle = c_1 \sum_{i=1}^4 c_{1i} |\phi_{1i}\rangle + c_2 \sum_{i=1}^6 c_{2i} |\phi_{2i}\rangle + c_3 \sum_{i=1}^{10} c_{3i} |\phi_{3i}\rangle + c_4 \sum_{i=1}^{12} c_{4i} |\phi_{4i}\rangle + c_5 \sum_{i=1}^{16} c_{5i} |\phi_{5i}\rangle + c_6 \sum_{i=1}^2 c_{6i} |\phi_{6i}\rangle + c_7 \sum_{i=1}^{1000} c_{7i} |\phi_{7i}\rangle$$

### Ferent Consciousness Equation

The consciousness equation:

$$C = N_0 - 1 + 2 \frac{x \log_2(N+1-N_0)}{T}$$

### Ferent Mind and Thoughts Equation

“The mind emits thoughts with different probabilities:

$$\Psi(x,t) = \frac{c_1}{\sqrt{2\pi}} \int_{-\infty}^{\infty} A_1(k) e^{i(kx - \omega_1(k)t)} + \frac{c_2}{\sqrt{2\pi}} \int_{-\infty}^{\infty} A_2(k) e^{i(kx - \omega_2(k)t)} + \dots + \frac{c_n}{\sqrt{2\pi}} \int_{-\infty}^{\infty} A_n(k) e^{i(kx - \omega_n(k)t)}$$

where  $|c_1|^2 + |c_2|^2 + \dots + |c_n|^2 = 1$ ”

### Ferent Frequencies of Energy Centers Equation

“I am a wave and the wave function is:

$$\Psi(x,t) = c_1 \psi_1(x) e^{-i4\omega x} + \dots + c_6 \psi_6(x) e^{-i100\omega x} + c_7 \psi_7(x) e^{-i1000\omega x}$$

because there are 7 main energy centers.”

Adrian Ferent

# 1. Introduction

Who am I? Explained with quantum mechanics!

In the beginning I tried to define the human body as a thermo dynamical system. After that I tried to find a link with electromagnetism, I tried to find a link with the String theory...

Finally after 2 years of research I discovered the link between science and spirituality, as a link between quantum mechanics and spirituality.

Thoughts or mental waves (like probabilistic events) stimulate, generates in the neural networks response signals, events in the brain through sudden changes in the quantum physical probability field and the timing of these events are governed by quantum mechanics.

The thought is the carrier of information, the mind processes the information.

Because our thoughts are quantum systems this means our aura is a quantum system.

Quantum mechanics is a theory of abstract operators (observables) acting on an abstract state space (Hilbert space) where the observables represent physically observable quantities and the state space represents the possible states of the system under study.

The wave function in quantum mechanics evolves into a linear superposition of different states.

Michael Farraday, Nikola Tesla and Thomas Edison were among the many scientists who encountered the electromagnetic field surrounding the human body during their experiments and were astounded at their discoveries.

The best-known scientist is S. D. Kirlian, who developed Kirlian photography, a technology which can record the electromagnetic field of living organisms.

Superposition principle:

The general idea that, when a number of influences are acting on a system, the total influence on that system is merely the sum of the individual influences; that is, influences governed by the superposition principle add linearly.

Some specific examples are:

-superposition principle of forces: the net force on a body is equal to the sum of the forces impressed upon it.

-superposition principle of states: the resultant quantum mechanical wave function due to two or more individual wave functions is the sum of the individual wave functions.

-superposition principle of waves: the resultant wave function due to two or more individual wave functions is the sum of the individual wave functions.

The most difficult field of study: Abstract Algebra, Biomedical Engineering, Quantum Mechanics...

What do you think?

In my view the most difficult field of study is with science to try to explain spirituality.

I did an exceptional job of explaining the relationship between spirituality and science with my equations!

Michelangelo painted the ceiling of the Sistine Chapel with naked bodies; I will paint the ceiling of the churches with equations.

The value of your brain is given by your discoveries.

## 2. Energy centers

There are 7 states because there are 7 major chakras or energy centers.

Where are the chakras, wheels or lotuses? They are to be found within each of us. Just as everyone has a physical body, so everyone also has a subtle body. The chakras serve as a bridging mechanism between physical matter and subtle matter.

Chakra patterns are programmed deep in the mind-body interface and have a strong relationship with our physical functioning. Just as the emotions can and do effect our breathing, heart rate and metabolism, the activities in the various chakras influence our glandular processes, body shape, chronic physical ailments and thoughts.

The chakras evolve naturally over a long period of time as part of the development of the whole person.

If the states  $|\Phi_i\rangle$  have distinct, definite values,  $a_i$ , of some dynamical variable and a measurement of that variable is performed on a system in the state

$$|\Psi\rangle = \sum_{i=1}^7 c_i |\Phi_i\rangle$$

then the probability of measuring  $|\Phi_i\rangle$  is  $|c_i|^2$ , and if the measurement yields  $a_i$ , the system is left in the state  $|\Phi_i\rangle$ .

In India, as in other ancient, enlightened cultures, the chakras are aligned to certain colors, elements, signs and properties. The combination of these elements for instance, looking at a particular shape in a particular color while saying a mantra that is attributed to a particular chakra, that are linked to that chakra, creates a certain frequency that can link up to a certain element in the human body via a certain resonance.

### Muladhara chakra

The Sanskrit name for this chakra is Muladhara. The word “mula” means root. It is drawn from two words meaning root and base or support. Muladhara is our base in the physical world.

Situated at the base of the spine, the first chakra is the foundation for the entire chakra system.

The base chakra, unlike the others, faces downwards towards the earth where it picks up and transmits subtle geodetic forces.

The color red is attributed to this chakra and has four petals this means the frequency of this chakra is  $4\omega$ .

The color red exhibits the lowest frequency in the color spectrum. It corresponds well to the qualities and functions of the base chakra.

Muladhara chakra has the equation:

$$\Psi_1(x, t) = \psi_1(x)e^{-i4\omega t}$$

### Svadhithana chakra

Svadhithana is the centre of what constitutes the individual's personality.

This chakra embodies the totality of our physical health and emotional well-being. It can bring us the highest degree of health or be the most dysfunctional of all energy centers in the human energy system.

Our linked element has shifted from earth to water, from solid to liquid. In this transmutation we encounter change. Through consistency, consciousness finds sense; through change it finds stimulation and expansion.

The Svadisthana chakra has six petals; this means the frequency of this chakra is  $6\omega$ . Svadisthana chakra has the equation:

$$\Psi_2(x,t) = \psi_2(x)e^{-i6\omega t}$$

### **Manipura chakra**

Manipura is the center of personal identity and is the seat of the ego.

Prana is the energy that permeates all life; where there is Prana there is life. Each of the chakras is a centre of Prana, but it is generated and distributed by the Manipura centre.

Disturbances of Prana in the body are considered to be the root cause of disease. Prana can be directed from one person to another especially during a healing encounter.

A healthy third chakra exhibits energetic vitality. There is enjoyment and enthusiasm about life.

Taoists regard this center as the storage battery.

This chakra represents an important step in the development of human consciousness.

A healthy third chakra is actually vital to the functioning of the fourth chakra.

The upper chakras unite us to the universal through communication, vision and understanding.

When we look at the traditional images for this chakra, we find ten petals this means the frequency of this chakra is  $10\omega$ .

Manipura chakra has the equation:

$$\Psi_3(x,t) = \psi_3(x)e^{-i10\omega t}$$

### **Anahata chakra**

Anahata meaning “unstruck” located at the spinal centre of the region of the hearth.

This chakra is associated with the element air and the principle of touch.

Suddenly we catch a glimpse of our own divinity and begin in a new way to truly care for ourselves and feel a sense of pride and purpose. We take better care of our bodies, keep our houses cleaner and dare to reach further than we might otherwise.

Balance is the underlying foundation of longevity in all things.

Ancient diagrams depict the Heart chakra as a lotus of twelve petals containing a six-pointed star, made of two interlacing triangles. This represents the downward movement of spirit into matter and the upward liberation of matter into spirit, meeting in perfect balance in the heart.

Anahata chakra has twelve petals this means the frequency of this chakra is  $12\omega$ .

Anahata chakra has the equation:

$$\Psi_4(x,t) = \psi_4(x)e^{-i12\omega t}$$

## Visuddha chakra

In chakra five, our attention moves to vibrations, as the subtle, rhythmic pulsations that move through all things.

The throat chakra represents our power to communicate verbally. The development of speech is unique to humanity, even though many other species have developed subtle and refined ways of communication. Speech and the wide range of human vocalizations permit communication of a complex and unique kind.

As we enter the upper chakra triad, we enter the symbolic world of the mind. Symbols are the building blocks of consciousness, the link between the eternal and the transient. Words, images and thoughts (chakras five, six, and seven) are all symbolic reflections of the manifested plane.

As an important link between the lower chakras and the Sahasrara Chakra, the Visuddha chakra serves as a bridge between our thoughts and feelings, impulses and reactions.

The Visuddha chakra, means to purify. This chakra is traditionally depicted with sixteen bright blue petals this means the frequency of this chakra is  $16\omega$ .

Visuddha chakra has the equation:

$$\Psi_5(x,t) = \psi_5(x)e^{-i16\omega t}$$

## Ajna chakra

This chakra supplies energy to all the senses; it feeds energy into the eyes, ears, nose and mouth and stimulates our sensor acuity.

The element of this chakra is light, a higher and faster vibration than that of sound in the chakra below.

While our physical eyes are the organs of outer perception, the sixth chakra relates to the mystical third eye, the organ of inner perception.

This chakra is known as the control center because it focuses on cultivating a strong and independent mind.

The name Ajna is derived from Sanskrit roots meaning “to know” and “to command.”

The Ajna chakra may be thought of as the command centre of the whole being.

The Ajna chakra is located at the junction of the Ida, Pingala and Sushumna meridians, at the brow. The confluence of the three energies brings extraordinary gifts once awakened.

The purpose of the sixth chakra is to see the way and bring the light of consciousness to all that exists within and around us.

This chakra is responsible for our conscious and unconscious psychological forces.

Both mental images and abstract ideas are experienced at this level.

The thought is the carrier of information, the mind processes the information.

In the picture the circle symbolizing the void with one hundred white petals, this means the frequency of this chakra is  $100\omega$ .

Ajna chakra has the equation:

$$\Psi_6(x,t) = \psi_6(x)e^{-i100\omega t}$$

## Sahasrara chakra

The seventh and last chakra, Sahasrara has no associated element, color or sound. As a lotus Sahasrara has thousands petals, but there is no other symbolism connected with it. The Sahasrara chakra is about merging with divine consciousness and realizing our true balance, our true nature; developing holistic and universal principles of acceptance, respect and knowing that we never do anything without the help of a higher source. Here, at this level we see no difference between us and God; everything is boundless, we see ourselves in the light.

Sahasrara is named the crown of thousand-petal lotus this means the frequency of this chakra is  $100\omega$  and is our connection to divinity.

Sahasrara chakra has the equation:

$$\Psi_7(x, t) = \psi_7(x)e^{-i100\omega t}$$

The superposition of these 7 wave functions:

$$\Psi(x, t) = \sum_{n=1}^7 c_n \psi_n(x) e^{-i\omega_n t}$$

## 3. Ferent transdisciplinarity equations

I discovered my first equation ‘Ferent Energy Centers Equation’ after 2 years of research. In couple years I discovered more transdisciplinarity equations: Ferent Acupuncture Points Equation, Ferent Energy Channels Equation, Ferent Frequencies of Energy Centers Equation, Ferent Probability for Energy Center 1, Ferent Consciousness Equation, Ferent Mind and Thoughts Equation...

Quantum mechanics is based on experiments conducted at subatomic level; it predicts probabilities because our senses can’t detect them.

Quantum mechanics tell us very clear that it is not possible to observe reality without changing it.

This means in quantum mechanics is not such thing as objectivity, because we cannot eliminate ourselves from the picture.

Quantum mechanics views particles as tendencies to exist or tendencies to happen.

### Ferent Energy Centers Equation

The most important question: WHO AM I?

“I am a wave and the wave function is:

$$|\Psi\rangle = c_1 |\Phi_1\rangle + c_2 |\Phi_2\rangle + c_3 |\Phi_3\rangle + c_4 |\Phi_4\rangle + c_5 |\Phi_5\rangle + c_6 |\Phi_6\rangle + c_7 |\Phi_7\rangle$$

there are 7 states  $|\Phi_i\rangle$  because there are 7 main energy centers.”

This idea of probability is the key to understanding superposition as it relates to quantum mechanics. Essentially the particular state of any quantum particle (solution to its wave function) has no real physical interpretation except through probability.

The wave function represents the probability amplitude of finding the system in that state.

When a system is prepared in a state  $|\Psi\rangle$  and it is probed to find out if it is in a state  $|\Phi_i\rangle$  after the measurement of  $|\Psi\rangle$  collapses to the state  $|\Phi_i\rangle$ .

And  $c_i$  are complex numbers such that  $|c_i|^2$  is the probability of measuring the state  $|\Phi_i\rangle$

A quantum state is a set of mathematical variables that fully describes a quantum system; a quantum state of a system is characterized by a set of quantum numbers and represented by an eigenfunction.

The energy of each state is precise within the limits imposed by the uncertainty principle but may be changed by applying a field of force.

Time evolution of a quantum state:

Time evolution of a quantum state is generated by a self-adjoint operator, called the Hamiltonian of the system.

$$|\Psi(t)\rangle = U(t) |\Psi(0)\rangle$$

If the Hamiltonian,  $H$  is independent of time

$$|\Psi(t)\rangle = e^{-iHt/\hbar} |\Psi(0)\rangle$$

The idea of superposition (as it relates to quantum mechanics) was realized before quantum mechanics from the study of wave interference.

Whenever we make a measurement on a quantum system, the results are dictated by the wave function at the time at which the measurement is made.

### **Ferent Acupuncture Points Equation**

The nadis are the vast network of energy channels.

Nadis carry a life force energy known as prana in Sanskrit, or qi in Chinese-based system.

The Sanskrit word nadi derives from the root nad, which means flow, motion, vibration.

Acupuncture is a therapy used for the prevention of disease or for the maintenance of health. The practice consists of either stimulating or dispersing the flow of energy within the body by the insertion of needles into specific points on the surface of the skin, by applying heat (thermal therapy) or by pressing them.

Energy is a dynamic force in constant flux that circulates throughout the body. Energy circulates throughout the body along small pathways called meridians.

If you consider the meridians rivers of the body, the acupuncture points are like reservoirs that can flow into the rivers when needed.

“I am a wave and the wave function is:

$$|\Psi\rangle = c_1 |\Phi_1\rangle + c_2 |\Phi_2\rangle + c_3 |\Phi_3\rangle + c_4 |\Phi_4\rangle + \dots + c_{n-1} |\Phi_{n-1}\rangle + c_n |\Phi_n\rangle$$

there are  $n$  states  $|\Phi_i\rangle$  because there are  $n$  acupuncture points.”

A quantum state describes potentialities which can become realities!

A quantum state can predict the possible outcomes of any measurement.

When a measurement occurs, a quantum state is destroyed and replaced by a new quantum state which is compatible with the random outcome of the measurement. This abrupt and non-deterministic process is called the collapse of the wave function.

The collapse of the wave function is an arbitrary rule that bridges the gap between the unobserved quantum system and the observed quantum system.  
 Along these circuits of energy there are about nine hundred acupuncture points, each having a special function.

### Ferent Energy Channels Equation

The channels of the energy centers represent energetic paths:  
 I consider each petal of the chakra has a quantum state.

My equation for Muladhara chakra:

$$|\Phi_1\rangle = c_{11} |\Phi_{11}\rangle + c_{12} |\Phi_{12}\rangle + c_{13} |\Phi_{13}\rangle + c_{14} |\Phi_{14}\rangle$$

My equation for Svadisthana chakra:

$$|\Phi_2\rangle = c_{21} |\Phi_{21}\rangle + c_{22} |\Phi_{22}\rangle + \dots + c_{26} |\Phi_{26}\rangle$$

My equation for Manipura chakra:

$$|\Phi_3\rangle = c_{31} |\Phi_{31}\rangle + c_{32} |\Phi_{32}\rangle + \dots + c_{310} |\Phi_{310}\rangle$$

My equation for Anahata chakra:

$$|\Phi_4\rangle = c_{41} |\Phi_{41}\rangle + c_{42} |\Phi_{42}\rangle + \dots + c_{412} |\Phi_{412}\rangle$$

My equation for Visuddha chakra:

$$|\Phi_5\rangle = c_{51} |\Phi_{51}\rangle + c_{52} |\Phi_{52}\rangle + \dots + c_{516} |\Phi_{516}\rangle$$

My equation for Ajna chakra:

$$|\Phi_6\rangle = c_{61} |\Phi_{61}\rangle + c_{62} |\Phi_{62}\rangle + \dots + c_{6100} |\Phi_{6100}\rangle$$

My equation for Sahasrara chakra:

$$|\Phi_7\rangle = c_{71} |\Phi_{71}\rangle + c_{72} |\Phi_{72}\rangle + \dots + c_{71000} |\Phi_{71000}\rangle$$

The superposition of these seven wave functions gives the answer for the question WHO AM I?

The most important question: WHO AM I?

"I am a Wave and the wave function is:

$$|\phi\rangle = c_1 \sum_{i=1}^4 c_{1i} |\phi_i\rangle + c_2 \sum_{i=1}^6 c_{2i} |\phi_i\rangle + c_3 \sum_{i=1}^{10} c_{3i} |\phi_i\rangle + c_4 \sum_{i=1}^{12} c_{4i} |\phi_i\rangle + c_5 \sum_{i=1}^{16} c_{5i} |\phi_i\rangle + c_6 \sum_{i=1}^2 c_{6i} |\phi_i\rangle + c_7 \sum_{i=1}^{1000} c_{7i} |\phi_i\rangle$$

because there are 7 chakras or energy centers. "

### Ferent Frequencies of Energy Centers Equation

The petals on the chakras represent energetic paths and channels through which the energy reaches the chakras, from where it goes to the subtle bodies.

The number of petals changes from four on the Muladhara or Base chakra, to close to a thousand on the Sahasrara or Crown chakra.

That is why they are called "chakras" which in Sanskrit means "wheel".

A chakra is a center of activity that receives, assimilates and expresses life force energy.

The chakras serve as a bridging mechanism between physical matter and subtle matter.

A method of measuring the frequency of rotating or vibrating objects is to use a stroboscope.

When the frequency of the strobe equals the frequency of the rotating or vibrating object, the object completes one cycle of oscillation and returns to its original position between the flashes of light, so when illuminated by the strobe the object appears stationary.

I considered the frequency of each chakra proportional with the number of petals.

This means:

Muladhara has the frequency:  $f_1 = 4f$

Svadhithana has the frequency:  $f_2 = 6f$

Sahasrara has the frequency:  $f_7 = 1000f$

The higher frequency allows the signal to carry more information.

The Schrödinger equation describes the wave function of the system, also called the quantum state or state vector; describes how the quantum state of a physical system changes with time.

A wave function is a mathematical function that describes a physical system in quantum mechanics.

The time-dependent one-dimensional Schrödinger equation:

$$-\frac{\hbar^2}{2m} \frac{\partial^2 \Psi}{\partial x^2} + V(x)\Psi(x,t) = i\hbar \frac{\partial \Psi}{\partial t}$$

where  $i$  is the imaginary unit,  $\Psi$  is the time-dependent wave function,  $V(x)$  is the potential.

The equation can be separated into temporal and spatial parts using separation variables:

$$\Psi(x,t) = \psi(x)T(t)$$

This equation is called the Time Independent Schrödinger Equation:

$$-\frac{\hbar^2}{2m} \frac{\partial^2 \psi(x)}{\partial x^2} + V(x)\psi(x) = E\psi(x)$$

The full time dependent solution

And this equation:

$$i\hbar \frac{\partial T(t)}{\partial t} = ET(t)$$

has the solution:

$$T(t) = C e^{-iEt/\hbar}$$

The full time dependent solution:

$$\Psi(x,t) = \psi(x)e^{-iEt/\hbar}$$

In the full time dependent solution:

$$\omega = \frac{E}{\hbar}$$

Angular frequency  $\omega$  is a scalar measure of rotation rate.

This means:

$$\Psi(x, t) = \psi(x)e^{-i\omega x}$$

where:  $\omega = 2\pi f$ ,  $f$  is the frequency.

The superposition of these 7 wave functions of the chakras:

The most important question: WHO AM I?

“I am a wave and the wave function is:

$$\Psi(x, t) = c_1\psi_1(x)e^{-i4\omega x} + \dots + c_6\psi_6(x)e^{-i100\omega x} + c_7\psi_7(x)e^{-i1000\omega x}$$

because there are 7 main energy centers.”

### Ferent Probability for Energy Center 1

I will associate to each chakra an event:

E1 – the event associated to chakra 1(Muladhara); the probability assigned is  $e_1$

E2 – the event associated to chakra 2; the probability assigned is  $e_2$

E3 – the event associated to chakra 3; the probability assigned is  $e_3$

E7 – the event associated to chakra 7; the probability assigned is  $e_7$

We have to see these 7 chakras as a system S.

When is activated only chakra 1, the event is X1:

$$X1 = E1 \cap CE2 \cap CE3 \cap CE4 \cap CE5 \cap CE6 \cap CE7$$

The probability  $x_1$  when is activated the first energy center:

$$x_1 = e_1 - \sum_{j=2}^7 e_{1j} + \sum_{\substack{j,k=2 \\ j \langle k}}^7 e_{1jk} - \sum_{\substack{j,k,l=2 \\ j \langle k \langle l}}^7 e_{1jkl} + \dots + e_{123\dots 7}$$

### Ferent Mind and Thoughts Equation

The mind is a set of faculties for processing information that makes possible consciousness, judgments, memory and perceptions.

The thought is the carrier of information, the mind processes the information.

In philosophy the mind–body problem examines the relationship between mind and matter and in particular the relationship between consciousness and the brain.

“The mind emits thoughts with different probabilities:

$$\Psi(x,t) = \frac{c_1}{\sqrt{2\pi}} \int_{-\infty}^{\infty} A_1(k) e^{i(kx - \omega_1(k)t)} + \frac{c_2}{\sqrt{2\pi}} \int_{-\infty}^{\infty} A_2(k) e^{i(kx - \omega_2(k)t)} + \dots + \frac{c_n}{\sqrt{2\pi}} \int_{-\infty}^{\infty} A_n(k) e^{i(kx - \omega_n(k)t)}$$

where  $|c_1|^2 + |c_2|^2 + \dots + |c_n|^2 = 1$

A single non-repeating wave packet of duration  $\Delta t$  is created by the superposition of many waves that span a range of frequencies  $\Delta f$ .

A wave packet solution to the wave equation must contain a range of frequencies. The shorter the pulse in time implies a greater frequency range of the components.

We now consider the formation of a composite wave as the superposition of a continuous spectrum of plane waves with wave numbers  $k$  confined to a narrow band of values.

Such a composite wave is known as a wave packet.

The weighting factor  $A(k)$  for each wave of wave number  $k$  is negligible except when  $k$  lies within a small interval  $\Delta k$ .

We can see that the wave packet is the inverse Fourier transform of  $A(k)$ .

Because of the Fourier relationships between  $\Psi(x, t)$  and  $A(k)$  the factor  $(2\pi)^{-1/2}$  is included in equation.

The angular frequency  $\omega(k)$  is a function of  $k$ , so that the angular frequencies in the composite wave  $\Psi(x, t)$  as well as the wave numbers, vary from one wave to another.

A wave packet is a localized disturbance that results from the superposition of many different wave forms.

If the packet is strongly localized, more frequencies are needed to allow the constructive superposition in the region of localization and destructive superposition outside this region.

The thought is a single act or product of thinking, the product of mental activity.

Live in consciousness, not in mind.

“The Thought equation:

$$\Psi(x,t) = \frac{1}{\sqrt{2\pi}} \int_{-\infty}^{\infty} A(k) e^{i(kx - \omega(k)t)} dk$$

where the angular frequency  $\omega(k)$  is a function of  $k$ ”

### **Ferent Consciousness and Ego Equations**

The Ego is the missing consciousness!

The sum between Ego and Consciousness is constant.

A lot of great thinkers have tried to define the Ego, but without success.

A new approach for measurement: the Ego is the missing consciousness, we measure the missing consciousness.

The Ego, E is :

$$E = N - C$$

N – the final number of consciousness states, at time T

C – the number of consciousness states (the Consciousness), at time x

How we can see the sum between Ego and Consciousness is constant, it is equal with N:

$$E + C = N$$

The Ego equation:

$$E = N - N_0 + 1 - 2^{\frac{x \log_2(N+1-N_0)}{T}}$$

x – the time between 0 and T

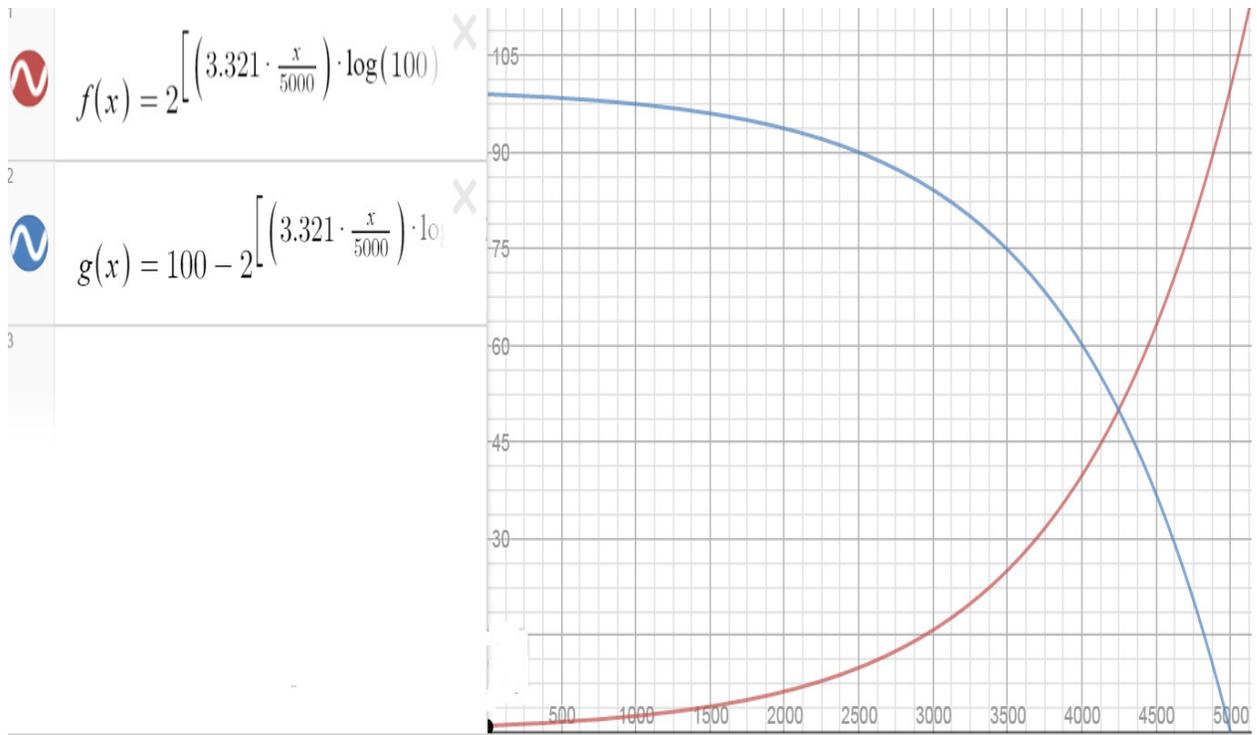
$N_0$  – the initial number of quantum consciousness states

N – the final number of quantum consciousness states

T – the value of the human soul cycle (5000 years), for Christians, Muslims, Atheists (70 years)

The Graphs for the Consciousness equation (red color) and the Ego equation (blue color)

For  $N = 100$ ,  $N_0 = 1$ ,  $T = 5000$



The Graphs

The Consciousness equation  $C = f(x)$

$$f(x) = 2^{[(3.321 * x/5000) * \log(100)]}$$

The Ego equation  $E = g(x)$

$$g(x) = 100 - 2^{[(3.321 * x/5000) * \log(100)]}$$

## **Ferent Consciousness Equation**

Who am I? I am the consciousness!

I defined the consciousness a probability space and the measure of the whole space is equal to One.

Our evolution level is our consciousness level!

What Darwin did not understand? The evolution of consciousness.

Because of consciousness polarity I defined the qubits of consciousness and the quantum consciousness states in the same way how are defined the qubits and the quantum states in quantum mechanics.

People with higher consciousness will have more quantum consciences qubits and more quantum consciousness states.

If you have N consciousness qubits, you have  $2^N$  quantum consciousness states.

The consciousness equation:

$$C = N_0 - 1 + 2^{\frac{x \log_2 (N+1 - N_0)}{T}}$$

x – the time between 0 and T

$N_0$  – the initial number of quantum consciousness states

N – the final number of quantum consciousness states

T – the value of the human soul cycle (5000 years), for Christians, Muslims, Atheists (70 years)

The Christians, the Muslims, the Atheists ... who say we have 1 life are wrong because if  $N_0 = 0$ ,  $T = 70$  years, for example after 30 years people will have the same consciousness, which is not true.

My theory is a proof for reincarnation, Evolution!

The Wise was born wise.

This means the consciousness is outside of the brain.

Consciousness controls the complex relationships between mind, body and the environment.

The value of man is given by his consciousness value.

NDE shows the consciousness is outside of the brain.

This collapse of the wave function is supposed to occur upon an act of measurement.

The way to distinguish a measurement from a non-measurement is via the presence of an observer, the presence of consciousness.

Wisdom creates wisdom!

Here there are few of my quotations used in this manuscript:

## **Ferent Quotations**

“Who am I? I am the consciousness”

“I am the first in the world who wrote an equation, a transdisciplinarity equation, a link between quantum mechanics and spirituality, a link between science and spirituality”

“I defined the consciousness a probability space and the measure of the whole space is equal to One”

“Great thinkers spoke about science and spirituality, but none of them wrote a transdisciplinarity equation, that is why I wrote several transdisciplinarity equations”

“We follow the path of information”

“In the beginning was the qubit”

“Our evolution level is our consciousness level”

“What Darwin did not understand? The evolution of consciousness”

“The Ego is the missing consciousness”

“The sum between Consciousness and Ego is constant”

“The wave function of each man is unique and he can always be found by it”

“Wisdom creates wisdom”

“The Wise was born wise”

“Live in consciousness, not in mind”

“The thought is the carrier of information, the mind processes the information”

“Michelangelo painted the ceiling of the Sistine Chapel with naked bodies; I will paint the ceiling of the churches with equations”

“The value of your brain is given by your discoveries”

## 4. Conclusions

I am the first in the world who wrote an equation, a transdisciplinarity equation, a link between quantum mechanics and spirituality, a link between science and spirituality.

The most important question: WHO AM I?

“I am a wave and the wave function is:

$$|\Psi\rangle = c_1 |\Phi_1\rangle + c_2 |\Phi_2\rangle + c_3 |\Phi_3\rangle + c_4 |\Phi_4\rangle + c_5 |\Phi_5\rangle + c_6 |\Phi_6\rangle + c_7 |\Phi_7\rangle$$

there are 7 states  $|\Phi_i\rangle$  because there are 7 main energy centers.” Adrian Ferent

Started from this equation I discovered more very important equations, more links between science and spirituality.

I discovered my first equation ‘Ferent Energy Centers Equation’ after 2 years of research. In couple years I discovered more transdisciplinarity equations: Ferent Acupuncture Points Equation, Ferent Energy Channels Equation, Ferent Frequencies of Energy Centers Equation, Ferent Probability for Energy Center 1, Ferent Consciousness and Ego Equations, Ferent Mind and Thoughts Equation...

A chakra is a center of activity that receives, assimilates and expresses life force energy.

Our thoughts are quantum systems; this means our aura is a quantum system.

The aura is the energetic field that surrounds the human body.

The thought is a single act or product of thinking, the product of mental activity.

Thoughts or mental waves (like probabilistic events) stimulate, generate in the neural networks response signals, events in the brain through sudden changes in the quantum physical probability field and the timing of these events are governed by quantum mechanics.

I defined the consciousness a probability space and the measure of the whole space is equal to One.

How we can see the sum between Ego and Consciousness is constant, it is equal with N:

$$E + C = N$$

Consciousness controls the complex relationships between mind, body and the environment.

The wave function of each man is unique and he can always be found by it.

Great thinkers spoke about spirituality and science but none of them wrote a transdisciplinarity equation, that is why I wrote several transdisciplinarity equations.

In my view the most difficult field of study is with science to explain spirituality.

I did an exceptional job of explaining the relationship between science and spirituality with my equations!

## References

[1] Ferent, Adrian (2007). Who am I?. ISBN 978-0-9739852-1-4

[2] Ferent, Adrian (2005). I AM CREATING GOD. ISBN 978-0-9739852-0-8

© 2015 Adrian Ferent

[aferent@hotmail.com](mailto:aferent@hotmail.com)