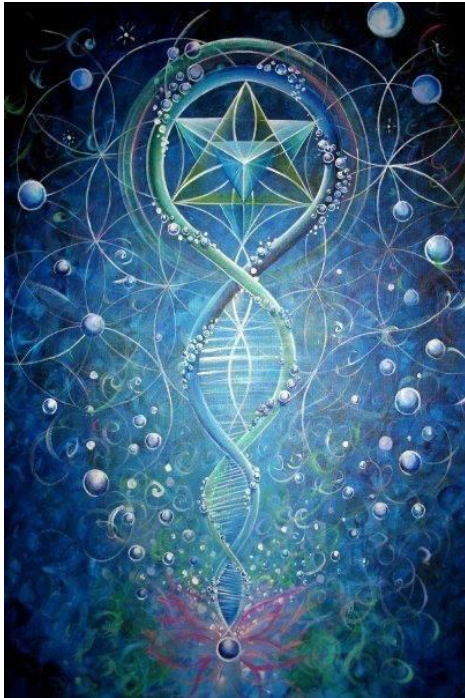


Heart geometry

Introduction

The purpose of this essay is to discuss the function of the heart, including the sacred geometry of the heart, in all life forms.



In **Sacred Geometry**, the **Torus** is considered as the first shape that emerged out of the genesis pattern. It governs many aspects of life, including the **human heart**, with its seven muscles that form a torus. The torus is literally all around all life forms, all atoms, and all cosmic bodies such as planets, stars, and galaxies.

What is sacred geometry

Sacred Geometry is the study of shapes, colors as well as vibration and sound. It ascribes symbolic and sacred meanings to certain geometric shapes and certain geometric proportions. It is associated with the belief that this geometry is the geometer of the world. The geometry used in the design and construction of religious structures such as churches, temples, mosques, religious monuments, altars, and tabernacles has sometimes been considered sacred. The concept applies also to sacred spaces such as temenoi, sacred groves, village greens, pagodas and holy wells, and the creation of religious art.

Sacred geometry is the Language of Shape, vibration, and symmetry. From the mosaics of Sufi Art, the pyramids of Ancient Egypt, the Mandala's of Vedic Philosophy, to the calendars of the Aztecs and mystery schools and secret societies in the western world, to the medicines of India, Tibet, China, Celtic and Druid – Sacred Geometry has long bridged the world of spirit and matter. It continues to play an integral role in the traditions of art, architecture, science and cutting-edge physics, alchemy, Feng Shui, geomancy, music, and mathematics.

Sacred Geometry is a pathway to understanding who we are (collective energy from our genes, diet, lifestyle, and environment), where we are from (genetic intelligence from the past) and where we are going (destiny). It is a blueprint of life creation (geometry is embedded into everything), an interface between the seen and the unseen, the manifest and the unmanifested, the finite and the infinite.

Sacred Geometry is an art, and ancient art of memory, which employs geometric forms and colors as symbols, for the memory and organization of the mind and sub conscious mind to create a reality based on our beliefs and cultural upbringing.

Our bodies contain all the information of the universe. The geometric knowledge is innate within us, and we are naturally attuned to the harmonics of the universe, before birth, during life and after death (cell energy/soul is transformed 60 hours after death into another universal dimension).

This old/new philosophy of Divine Wisdom is coming our way to become active co-creators of our reality by utilizing something that is present in our daily life in a conscious manner. *Sacred* means that which has been set apart and recognized by most cultures and spiritual beliefs. The Platonic solids and various other geometric shapes and colors come to set a frame, a mold in which set impressions will truly become sacred words in action. What we are creating is a language of light and vibration or a structure by utilizing shapes and colors. We are becoming the architects, the builders of our own reality by doing it consciously and not allowing old sub conscious robotic programming to create that reality for us.

Sacred Geometry gives you the opportunity to look at the big picture in a completely different way. When you understand the principles of sacred geometry, you can look at your relationship with life, the world and yourself. Once the system is understood and is in our conscious and subconscious mind, we then can apply it to every aspect of our lives; we can apply it to a healing practice, counseling, research, music, teaching, design, the Akashic Records, and create peace and bliss in our lives, giving us a sense of complete oneness with all there is.

In ancient times the study of sacred geometry began with the study of nature, and the mathematical principles at work therein. Many exquisite forms observed in nature can be related to geometry; for example, the chambered nautilus it grows at a constant rate and so its shell forms a perfect spiral to accommodate that growth without changing shape. Also, honeybees construct hexagonal cells to hold their honey, the sunflower with a perfect spiral that follows the Fibonacci sequence, pyramids, towers, crop circles, spirals in the universe, the rotation of galaxies. As above so below.

At some point in human evolution the observation of nature started creating ideas creating and building according to the same principles in nature. If we look around, we are surrounded by manmade geometry, from the shape of wheels on vehicles, street signs, windows, balls and so much more.

From the mosaics of the Middle East the pyramids of Ancient Egypt, Peru, and Mexico, to the calendars of the Aztecs and the sand Mandalas of Tibet, Sacred Geometry has long bridged the world of spirit and matter and energy. It continues to play an integral role in the traditions of art, architecture, science and cutting-edge physics, alchemy, feng shui, music and mathematics.

Sacred geometry has been used for hundreds if not thousands of years; it is an oral tradition that is gifted to us by the school of Delphi founded by Pythagoras, the Mayan, and Incan wisdom as well.

“Plato said that every piece of matter breaks down into specific geometric shapes”.

A force that defines the *heart* of life

In the late 1980s, Lieserl, the daughter of the famous genius, donated 1,400 letters, written by Einstein, to the Hebrew University, with orders not to publish their contents until two decades after his death. This is one of them, for Lieserl Einstein.

When I proposed the theory of relativity, very few understood me, and what I will reveal now to transmit to mankind will also collide with the misunderstanding and prejudice in the world.

I ask you to guard the letters as long as necessary, years, decades, until society is advanced enough to accept what I will explain below.

There is an extremely powerful force that, so far, science has not found a formal explanation to. It is a force that includes and governs all others and is even behind any phenomenon operating in the universe and has not yet been identified by us.

This universal force is LOVE.

When scientists looked for a unified theory of the universe, they forgot the most powerful unseen force.

Love is Light, that enlightens those who give and receive it.

Love is gravity, because it makes some people feel attracted to others.

Love is power, because it multiplies the best we have, and allows humanity not to be extinguished in their blind selfishness. Love unfolds and reveals.

For love we live and die.

Love is God and God is Love.

This force explains everything and gives meaning to life. This is the variable that we have ignored for too long, maybe because we are afraid of love because it is the only energy in the universe that man has not learned to drive at will.

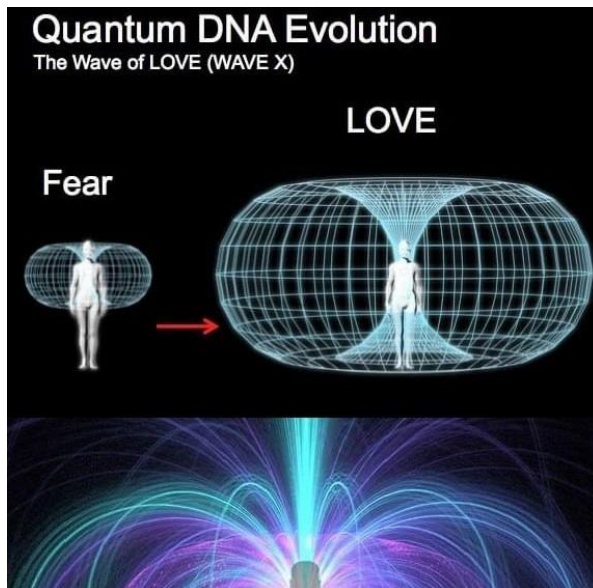
To give visibility to love, I made a simple substitution in my most famous equation.

If instead of $E = mc^2$, we accept that the energy to heal the world can be obtained through love multiplied by the speed of light squared, we arrive at the conclusion that love is the most powerful force there is, because it has no limits.

After the failure of humanity in the use and control of the other forces of the universe that have turned against us, it is urgent that we nourish ourselves with another kind of energy... If we want our species to survive, if we are to find meaning in life, if we want to save the world and every sentient being that inhabits it, love is the one and only answer.

Perhaps we are not yet ready to make a bomb of love, a device powerful enough to entirely destroy the hate, selfishness and greed that devastate the planet.

However, each individual carries within them a small but powerful generator of love whose energy is waiting to be released.



When we learn to give and receive this universal energy, dear Lieserl, we will have affirmed that love conquers all, is able to transcend everything and anything, because love is the quintessence of life.

*I deeply regret not having been able to express what is in my **heart**, which has quietly beaten for you all my life. Maybe it's too late to apologize, but as time is relative, I need to tell you that I love you and thanks to you I have reached the ultimate answer!*

*Your father **Albert Einstein***

The heart is not a pump

In 1932, Bremer of Harvard filmed the blood in the very early embryo circulating in self-propelled mode in spiraling streams before the heart was functioning. Amazingly, he was so impressed with the spiraling nature of the blood flow pattern that he failed to realise that the phenomena before him had demolished the pressure propulsion principle. Earlier in 1920, **Rudolf Steiner**, of the Goetheanum in Switzerland had pointed out in lectures to medical doctors that the **heart was not a pump** forcing inert blood to move with pressure but that the blood was propelled with its own biological momentum, as can be seen in the embryo, and boosts itself with *induced* or entrained momenta (energy) from the heart. He also stated that the pressure does not cause the blood to circulate but is caused by interrupting the circulation.

Experimental corroboration of Steiner's concepts in the embryo and adult is herein presented.

Introduction

The fact that the heart by itself is incapable of sustaining the circulation of the blood was known to physicians of antiquity. They looked for auxiliary forces of blood movement in various types of *etherisation* and *pneumatisation* or *ensoulement* of the blood on its passage through the heart and lungs. With the dawn of modern science and over the past three hundred years, such concepts became untenable. The mechanistic concept of the heart as a hydraulic pump prevailed and became firmly established around the middle of the nineteenth century.

The heart, an organ weighing about three hundred grams, is supposed to 'pump' some eight thousand liters of blood per day at rest and much more during activity, without fatigue. In terms of mechanical work this represents the lifting of approximately 100 pounds one mile high! In terms of capillary flow, the heart is performing an even more prodigious task of 'forcing' the blood with a viscosity five times greater than that of water through millions of capillaries with diameters often smaller than the red blood cells themselves! Clearly, such claims go beyond reason and imagination. Due to the complexity of the variables involved, it has been impossible to calculate the true peripheral resistance even of a single organ, let alone of the entire peripheral circulation. Also, the concept of a centralized pressure source (the heart) generating excessive pressure at its source, so that sufficient pressure remains at the remote capillaries, is not an elegant one.

Our understanding and therapy of the key areas of cardiovascular pathophysiology, such as septic shock, hypertension and myocardial ischemia are far from complete. The impact of spending billions of dollars on cardiovascular research using an erroneous premise is enormous. In relation to this, the efforts to construct a satisfactory artificial heart have yet to bear fruit. Within the confines of contemporary biological and medical thinking, the propulsive force of the blood remains a mystery. If the heart really does not furnish the blood with the total motive force, where is the source of the auxiliary force and what is its nature? The answer to those questions will foster a new level of understanding of the phenomena of life in the biological sciences and enable physicians to rediscover the human being which, all too often, many feel they have lost.

Overview

Implicit in the conventional notion of pressure propulsion in the cardiovascular system are the following four major concepts.

- Blood is naturally inert and therefore must be forced to circulate.
- There is a random mix of the formed particles in the blood.
- The cells in the blood are under pressure at all times.

- The blood is amorphous and is forced to fill its vessels and thereby takes on their form.

However, there are observations that challenge these notions. It is seen that the blood has its own form, the **vortex**, which determines rather than conforms to the shape of the vascular lumen and circulates in the embryo with its own inherent biological momentum before the heart begins to function. Just as an inert vortex in nature pulses radially and longitudinally, we tentatively assume that blood is also free to pulse and is not subject to the pulse-restricting pressure implied in the pressure propulsion concept. The blood is not propelled by pressure but by its own biological momenta boosted by the heart.

When the heart begins to function, it enhances the blood's momentum with spiraling impulses. The arteries serve a subsidiary mimical heart function by providing spiraling boosts to the circulating blood. In so doing the arteries dilate to receive the incoming blood and contract to deliver an impulse to increase the blood's momentum.

Heart design

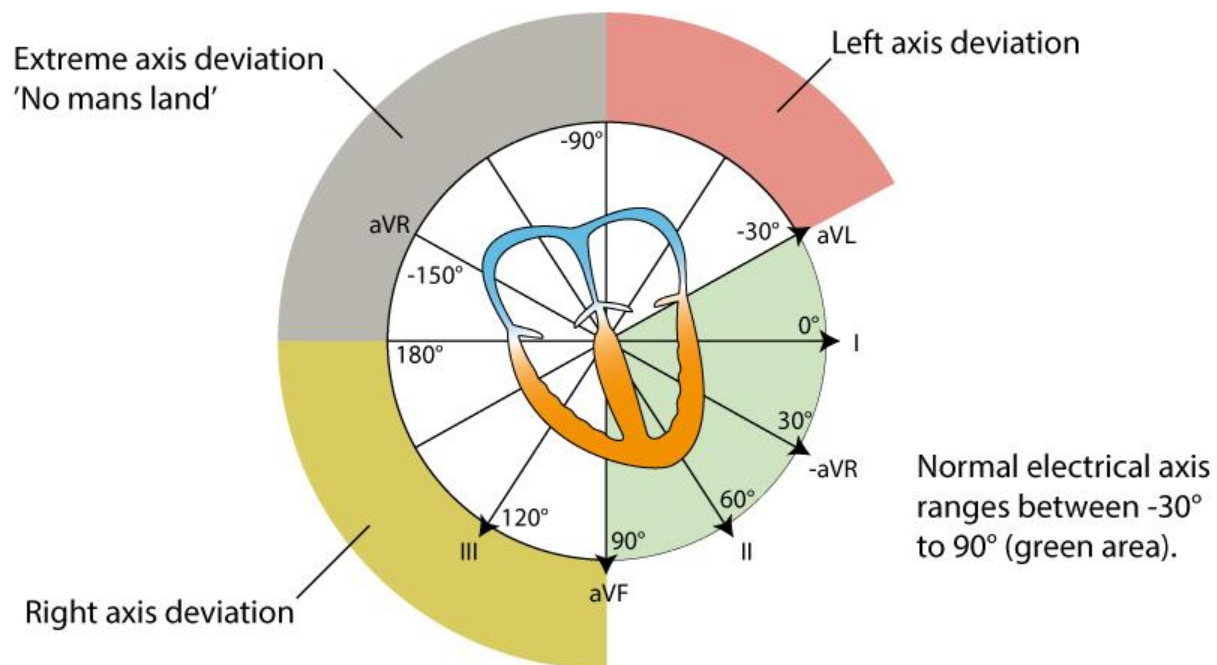
Clearly, the heart is not a pump for blood, however, how does the heart design influence heart function.

1. The heart design has sacred geometry with cells that beat a rhythm (vibration), sits at an angle of 30° , has 4 chambers (4 is an earth water number) that acts like an echo chamber for resonant energy (vibration) from the cells, and the electromagnetic energy of the body enables 720° folding and unfolding to generate a negative (-mV) charge in the blood water, and hence the **vortex action of the blood flow**.
2. The electrical axis of the heart (heart axis). As evident from the figure (below), the normal heart axis is between -30° and 90° . If the axis is more positive than 90° it is referred to as right axis deviation. If the axis is more negative than -30° it is referred to as left axis deviation. This is part of the sacred geometry and vortex action.
3. Blood helps maintain homeostasis by: transport of gases, nutrients, and waste products, transport of processed molecules, transport of regulatory molecules, regulation of pH and osmosis, maintenance of body temperature, protection against foreign substance, and clot formation. One may also ask, how hormones maintain homeostasis? Homeostasis is an outcome of negative charge in the blood water.

The spiral (vortex) theme is also apparent in the heart and vessel form and function. The musculature of the heart and arteries all the way down to the pre-capillaries is spirally oriented, and both the heart and arteries move spirally to augment the momenta of the blood. The literature on anatomical and physiological considerations of the twisting motion of the heart and vessels is comprehensive and has recently been reviewed. The fact that arterial endothelial cell orientation closely follows the blood flow patterns is well established.

In a group of patients undergoing reconstructive vascular surgery of the lower extremities, Stonebridge and Brophy observed by direct angioscopic examination that the inner surface of

arteries was organised in a series of spiral folds that sometimes protruded into the lumina. They commented that the folds occur as a result of **spiral blood flow**, which may be **more efficient, requiring less energy to drive the blood through tapering and branching arterial system**. They also observed the vortexing blood with fiber optics in the region of the endoluminal folds. In relation to this, enthusiasts know that rifled gun barrels forcing spin on the bullet make it more stable in flight and therefore more accurate in reaching its target. In the vessels the blood *grooves* its own conduits for the purpose of enhancing its torsional impulse. However, these spiral folds are not found in excised arteries; they are dynamics of living tissue.



We can assume that as long as the body is supplied with negative charge (syntropy energy), including fresh/organic foods that are nutrient rich, negative charge water, earth grounding, sunlight, negative charge emotions (love, joy, and hope), sacred frequency music, etc.; then blood homeostasis will be sustained, albeit that entropy forces eventually lead to decay/death.

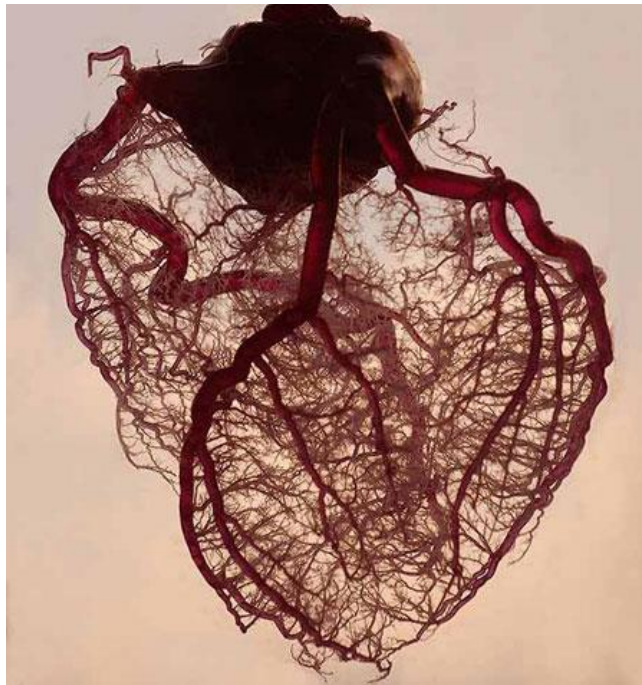
Heart function

As explained above, it is well known that the pattern of blood flow through the heart significantly contributes to heart valve dynamics as has been shown by several studies utilizing contrast cineradiography and more recently color Doppler imaging. Taylor and Wade confirmed stable vortex flow patterns behind the cusps of mitral and tricuspid valves visualizing the fine stream contrast injection. Furthermore, the vortex formation in the aortic sinus has not only been demonstrated in the model heart, but also visualized with three-directional magnetic resonance velocity mapping. Without the vortex formation in the aortic sinus, it is conceivable

that with the blood rushing out of the left ventricular outflow tract at one to two meters per second, the coronary arteries would be ill perfused, as is the case in severe aortic stenosis (narrowing), where high velocity blood flow does not allow for formation of the normal supra-ventricular vortices.

Oscillatory excitation of the electronic state of blood by reactive oxygen species (ROS) reactions coordinates enzymatic activities and enhances the absorption of dissolved gases by metal nanoparticles in the blood, especially lithium, chromium, manganese, iron, nickel, copper, zinc, and selenium. Hemoglobin within red cells acts as a reducing agent that synthesises iron nanoparticles in the 2-5 nm range or optimized binding with oxygen during circulatory transport.

Precision control of the pressure differential of dissolved oxygen levels maintained between red cell membranes and the surrounding blood plasma is accomplished by temperature-dependent transport interactions with sodium and potassium cations. Kervran's elucidation of the electrically enhanced nuclear fusion of sodium and oxygen to form stable potassium occurs *under the conditions maintained in healthy blood, in conjunction with nuclear fission reactions induced by the phonon resonance of metal-bound oxygen atoms with hydrogen at rest.*



The indispensable role of absorbed oxygen atoms in the resonant nuclear conversions of *sodium into potassium* and *iron into manganese* directly implicates these reactions as primary mechanisms for blood's rebalancing of crucial metal concentrations. This enables effective utilisation of a wider ratio of available metals to fulfill the well-known respiratory functions as well as the newly discovered bio-photonic functions of blood medium.

This conclusion is directly supported by isotopic signature studies of trace metals in mammals and plants, which diverge significantly from the great abundance of dietary metal sources and those of all geological deposits. Trace copper isotope ratios in human blood consistently present a Cu^{65} variation of +0.30% as compared with non-biological copper, *being enhanced by the fission of zinc atoms to form copper.*

Isotopic shifts of iron in human blood enable gender determinations of partial skeletal remains, with male blood presenting Fe^{56} depletions of -2.5% to -2.9%, suggesting heavier iron isotopes do not concentrate in the blood serum of females due to regular menstrual blood loss and the enhanced iron absorption that compensates for such periodic deficiency. This hypothesis is supported by findings that hemochromatosis, characterised by excess iron levels and heavy iron isotope concentrations, is alleviated by phlebotomy (the removal of blood). Such notable isotopic shifts that perpetually accumulate during blood recirculation implicate the atomic weight disparity as produced by perpetual resonant nuclear transmutations of iron.

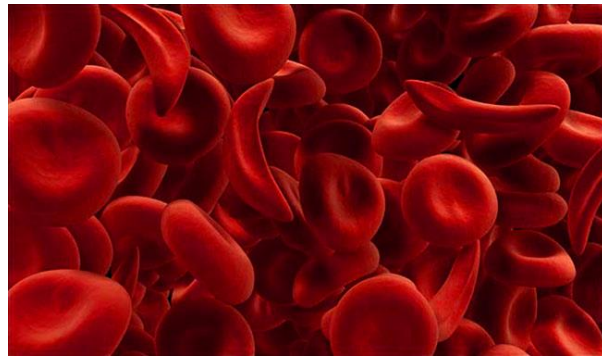


Blood circulating within the heart and large arteries maintains a temperature of near 38.0°C , slightly elevated above average core body temperature near 37.0°C . This significant variance of blood from the mean human body temperature induces rhythmic thermal fluctuations in blood cells according to their cyclical transport from the warm heart to the slightly cooler extremities and skin capillaries. *During circulation, fission of iron atoms releases hydrogen atoms by phonon induction of bound oxygen atoms at 37.8°C .*

The narrow temperature requirements of the healthy human body are calibrated to the phonon frequency matching threshold of oxygen atoms with hydrogen atoms within the heme groups of erythrocytes. Recognition of this atomic reaction offers a new view of hemoglobin and myoglobin proteins as nuclear transmutation nanomachines, efficiently reducing iron nanoparticles into individual atoms for binding with oxygen molecules during transport, while electrical currents in the bloodstream dissociate iron-bound O_2 molecules to excite atomic recombination releasing hydrogen. By this mechanism, nuclear conversion rates are enhanced by natural exposure to electric current through barefoot contact with the Earth.

Further studies of isotope variations in trace elements of the human body will identify specific contributors to exciplex photon cascades observed as biophotons. The wide variety of metals present in healthy human blood and their respective concentrations endow the fluid medium with complex resonant characteristics only now being recognized as phonon resonance dynamics of the metal crystal lattice.

The varied combinations of gases and metals in red blood present an array of potential reactions that may be occurring within the range of temperatures maintained by different portions of the human body and requires thorough experimental confirmation in every case. Refining the volume expansion coefficients for gases will be an important step toward designing a comprehensive set of experimental procedures for determining the full hierarchy of atomic conversion cascades that vitalize the human body.



This unmistakable pattern of phonon resonance conversions demonstrated between the predominant metals of human blood directly reveals the *primary fundamental principle* within the universal isotopic architecture of all matter that enables all living organisms to maintain excited states for coherent electro-photon field communication. *These remarkable conclusions offer the only comprehensive explanation for the observed natural isotopic order and the precision temperature regulation of living organisms.*

Quantum heart

Here are some inspiring words from **Albert Einstein**:

I didn't arrive at my understanding of the fundamental laws of the universe through my rational mind.

*Concerning matter, we have been all wrong. What we have called matter is energy, whose vibration has been so lowered as to be perceptible to the senses. Matter is spirit reduced to a point of visibility. **There is no matter.***

Time and space are not conditions in which we live, but modes by which we think.

Physical concepts are free creations of the human mind, and are not, however it may seem, determined by the external world.

Time does not exist – we invented it. Time is what the clock says. The distinction between the past, present, and future is only a stubbornly persistent illusion.

I think 99 times and find nothing. I stop thinking, swim in silence, and the truth comes to me.

The intellect has little to do on the road to discovery. There comes a leap in consciousness, call it intuition or what you will, the solution comes to you, and you don't know how or why.

A human being experiences himself, his thoughts, and feelings as something separated from the rest, a kind of optical delusion of consciousness. This delusion is a kind of prison for us, restricting us to our personal desires and to affection for a few persons nearest to us. Our task must be to free ourselves from this prison by widening our circle of compassion to embrace all living creatures and the whole of nature in its beauty.

Our separation from each other is an optical illusion.

*When something vibrates, the electrons of the entire universe resonate with it. **Everything is connected.** The greatest tragedy of human existence is the illusion of separateness.*

Reality is merely an illusion, albeit a very persistent one.

We are souls dressed up in sacred biochemical garments and our bodies are the instruments through which our souls play their music.

When you examine the lives of the most influential people who have ever walked among us, you discover one thread that winds through them all. They have been aligned first with their spiritual nature and only then with their physical selves.

The true value of a human being can be found in the degree to which he has attained liberation from the self.

The ancients knew something, which we seem to have forgotten.

The more I learn of physics, the more I am drawn to metaphysics.

One thing I have learned in a long life: that all our science, measured against reality, is primitive and childlike. We still do not know one thousandth of one percent of what nature has revealed to us. It is entirely possible that behind the perception of our senses, worlds are hidden of which we are unaware.

I'm not an atheist. The problem involved is too vast for our limited minds. We are in the position of a little child entering a huge library filled with books in many languages. The child knows someone must have written those books.

The common idea that I am an atheist is based on a big mistake. Anyone who interprets my scientific theories this way, did not understand them.

Everything is determined, every beginning and ending, by forces over which we have no control. It is determined for the insect, as well as for the star. Human beings, vegetables, or cosmic dust, we all dance to a mysterious tune, intoned in the distance by an invisible piper.

The religion of the future will be a cosmic religion. It will transcend a personal God and avoid dogma and theology.

Energy cannot be created or destroyed; it can only be changed from one form to another.

Everything is energy and that is all there is to it. Match the frequency of the reality you want, and you cannot help but get that reality. It can be no other way. This is not philosophy. This is physics.

I am happy because I want nothing from anyone. I do not care about money. Decorations, titles, or distinctions mean nothing to me. I do not crave praise. I claim credit for nothing. A happy man is too satisfied with the present to dwell too much on the future.