

7 Passions

A Passion-Based Unified Field Theory of the Universe

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Abstract

7 Passions is a passion-based Theory of Everything. It describes the universe as a unified field of all the physical forces, elementary particles, living organisms and the cosmos. This unified energy field defines *the universal passion*. It has seven fundamental energy fields with distinct properties, *passions*, that are common to all aspects of the universe. They serve as standard parameters in a unified model to describe all aspects of the world as energy waves that are functions of the seven passions.

The universal passion evolves through the expansion of the universe by creating entities with more elaborate configurations of the seven passions. The fundamental energy fields create atoms of elements, molecules of matter, geophysical structures, cellular tissues, life forms, ecosystems and other entities. They manifest the evolving qualities of the universal passion.

Humans are highly evolved forms of the universal passion. The fundamental energy waves merge in sophisticated patterns as the human body, our thoughts, feelings, behavior and relationships. Human evolution is an expression of the expanding universe. The evolving core qualities, the seven passions, are the core human drives and motivations. The 7 passions theory provides a universal benchmark of the quality of life that integrates and interconnects all aspects of humanity and the universe.

The 7 passions theory simplifies the exponentially increasing complexity of our civilization and addresses the environmental, social, health and economic challenges that we face now. The information and communication overloads and multitudes of perceptions of life's meaning increase our confusion and conflicting interests and decrease our ability to manage these challenges and overcome our conflicts.

The theory integrates the diversity of our humanity and life on Earth in a simple logical model. It provides common principles of personal, social and global well-being. It offers general guidelines and tools to develop awareness, qualities, communications, collaborations, plans and actions to promote well-being everywhere in all areas of life.

1 Unified Field Inquiries

1.1 What is the Universe Made of?

The *Standard Model of Particle Physics* explains that all the physical matter in the universe is made of atoms which are made of *elementary particles*. Elementary particles are not made of any physical object. They are energy fields with properties such as mass, spin, electrical charge and magnetic field that are measured by our definitions of what they are. These definitions are mathematical formulas that were developed to be congruent with each other and all the laws of physics, and with observations of scientific experiments.

The standard model of particle physics leaves several key questions unanswered. The existence and behavior of certain particles, such as neutrinos and black matter, cannot be explained. Physics' ultimate quest is to define one energy field, the *Unified Field of Particle Physics*, that unifies all the energy fields known to us. Physicists have not reached yet to a single formula that includes all the particles and forces that were discovered so far. The standard model, for example, does not explain how gravitation is included with the other fundamental forces. If the gravitational force is created by a particle, like the other fundamental forces, then there should be a particle, called *Graviton*, with specific properties that are aligned with the other known particles. However, such graviton has not been discovered yet.

The most fundamental question remains a mystery. What are these elementary energy fields made of? How do they know to arrange themselves in specific patterns that create atoms that create molecules that create physical objects that create all the cosmos, galaxies, stars, planets and living organisms?

Many scientists consider that nuclear physics has reached its limits, because answers to this fundamental question can never be validated empirically. Physicists use nuclear accelerators where electromagnetic waves – energy fields – accelerate charged particles and smash them into each other. Measurements of the resulting energy fields provide data that may validate or negate hypothetical formulas. All the observations are done through simulations. We cannot directly see elementary particles because these energy fields are smaller than the resolution of the finest physical instruments.

The 7 passions theory describes what elementary particles are made of, it defines the unified field, and explains how and why the unified field includes all the elementary particles.

1.2 What is Life?

Similarly to Physics, which explains the properties and behavior of elementary particles but not what they actually are, biology explains the properties and behavior of living organism but not what life actually is.

Wikipedia, for example, defines life as a set of properties that distinguishes between living and non-living entities: “Life is a characteristic that distinguishes physical entities that have biological processes, such as signaling and self-sustaining processes, from those that do not, either because such functions have ceased, or because they never had such functions and are classified as inanimate.”

Encyclopedia Britannica does not even recognize life as an entity, suggesting that, “Although a noun, as with other defined entities, the word life might be better cast as a verb to reflect its essential status as a process.”

The most fundamental unit of living organisms is the *cell*. It is the basic structural, functional, and biological unit of all known organisms. The structure and behavior of cells is studied by the science of *Molecular Biology*, which describes the four main molecules the cell: *proteins*, *lipids*, *carbohydrates* and *nucleic acids*. The foundational science of *biochemistry* studies the atoms and molecules that are involved in all biological processes.

Biologists are not concerned with sub-atomic aspects of life. The elementary particles that comprise the atoms are irrelevant. As we know from physics, elementary particles are energy fields, and therefore, all living organisms are made of energy fields.

I'd like to emphasize this point. Every plant, every animal, and specifically every human is an energy field comprised of all the energy fields that are the elementary particle that it's made of. Yes, you too, are an energy field.

Biology does not recognize any interactions between these energy fields. The only interaction between the elementary particles of different living organism is through the biochemical reactions between atoms and molecules that they comprise.

The 7 Passions theory defines life as the energy field that is made of all the energy fields of living organisms. It then describes how each of the individual energy field correlates to the biological processes of the organisms, and how organisms relate to each other

through interactions between their energy fields. The deeper and broader perspectives of 7 Passions theory about life expand the field of biology and provide explanations to biological processes that have not been fully understood.

1.3 Mind and Spirit

The human mind is not considered by science as a tangible entity, and spirit is not recognized by science at all. Our mind is an internal process that can only be observed and measured indirectly, and spiritual experiences are considered as subjective phenomena that cannot be measured scientifically at all.

The mind, according to neuroscience, is created by the brain, as chemical interactions between nerve cells – neurons. Psychiatry also studies how these chemicals are produced in the body, particularly by the hormonal glands, and how they can be externally controlled by insertion of chemicals to the body.

All the mental processes, such as thoughts, perception, imagination and memory happen in the brain and the information that they produced is stored in the brain. The field of Artificial Intelligence is based on these concepts and attempts to implement them artificially with computer systems that simulate mental processes using electronic devices that mimic the functionality of neurons in the brain.

Despite all the extensive research the related disciplines, the brain is the least understood object in the universe. Moreover, the scientific experiments and observations of the brain are only circumstantial to our understanding of the mind. The biochemical processes of the neurons are associated with the mind, but they are not the mind itself.

The essential aspects of the mind are not fully understood. What is consciousness? Where our subjective experience created and stored? What happens to the mind when we sleep? Where do dreams come from? What are intuition and imagination, the ability to know what we have never learned before and visualizing what we have never seen before?

Underlying the academic studies and scientific research on the mind, is the basic human quest for passion and identity. What do I really want? Who am I?

The unified field, as described in the 7 Passions theory, includes the mental and spiritual aspects of the universe and explains how they relate to life and the physical aspect of the universe.

2 7 Passions and the Universal Passion

The 7 Passions theory identifies common patterns in the standard model of physics, the big bang theory, the evolution of the universe and life. They describe what elementary particles are made of, what is the purpose of the big bang and how the world evolves.

According to this theory, the energy fields that are defined by the standard model as elementary particles are complex fields comprised of seven primary fields called *Unity, Wisdom, Creativity, Love, Power, Joy and Peace*. They are referred to as *Passions* because these are desired qualities that motivate human behavior and are recognized as passions of life. The seven passions are the building blocks of all the matter and energy of the universe. That universal energy is called the *Universal Passion*.

Since everything in the universe is made of these seven energy fields, their properties are at the core of every object. Their synergy composes the physical structures of objects and determines their behavior. The main underlying force is the continued expansion of the universe. At the beginning of the big bang, the universal passion existed at one point. The universe did not have three dimensions of space. There was no space. There was no time, either, because nothing happened at that point. The seven passions existed in abstract form because physical energy cannot exist without space and time dimensions.

The term expansion of the universe is a limited characterization of its transformation. The physical space is expanding in three dimensions from the singularity point in all directions. Time in the physical world expands in one direction, from the moment of the big bang forward. Another term used in physics is *inflation* of the universe because it inflates like a balloon.

A more comprehensive term is *evolution* of the universe. Aspects within the physically expanding universe exemplify more complex structures and patterns of behavior and interactions. The growing complexities are guided by their inherent seven fundamental energy fields. The evolving universe exhibits more properties that are synergies of the seven passions. The seven passions evolve through the evolution of the universe.

The purpose of the big bang was to manifest the universal passion from abstract form to a physical universe. The continued evolution of the universe is the evolution of the universal passion.

Life is a high level of evolution of the universal passion. It manifests sophisticated qualities of passion. This is the meaning of life. It is manifesting and developing higher levels of the seven passions. Therefore, these are the universal human drives. They seem to us as what we want and that we are driven to fulfill our personal passions. In fact, our motivations are forces that drive us to fulfill the universal passion.

The 7 Passions theory explains the nature of the universe, so it can be used to predict future directions of the evolution of the universe and life on Earth. It can be used as a measurable benchmark to analyze scenarios of quality of living and provide specific guidelines on how to raise levels of well-being.

3 Qualities of Passion

The 7 passions theory describes the entire matter and energy in the universe as a universal passion that has seven fundamental energy fields from which the universe is made of. They create the elementary particles that are the building blocks of the physical universe. Their properties are therefore at the core of every object. Their synergy composes the physical structures of objects and determine their behavior.

This formation exemplifies a repeated evolutionary pattern, where a small number of distinct simple units interact in a variety of ways to form many higher-level entities. For instance, a small number of distinct elementary particles create all the atoms in the universe. Similarly, A relatively small number of distinct atoms create all the matter in the world. All the DNA molecules that determine the unique qualities of all living organisms are made of four chemical bases: adenine, guanine, cytosine and thymine. Also, the colors red, green and blue can create all the colors and shades.

Each of the seven basic forces of the universal passion may have qualitative positive and negative directional values. *Positive Energy* is defined as an energy that promotes the evolution of the universal passion. *Negative Energy* hinders the evolution of the universe.

The energy of the unified field is a synergy of the seven passions. This synergy is not a linear composition of the seven fundamental energy fields. Each of the energy fields is multidimensional and non-linear, and it has variable impact in different interactions with the other passions. Since there may be infinite number of values for each passion and an infinite number of interactions, there is an infinite number for potential unique entities in the universe.

Here are the seven passions and their main positive and negative qualities:

1. **Unity**

Positive qualities: Togetherness, harmony, oneness, interconnection, sameness.

Merging with whatever seems as separate from us. Being a part of something that is bigger than us.

Negative: separation, disconnection, isolation, opposition.

2. Wisdom

Positive qualities: knowledge and experience of the world and how it operates.

Negative qualities: ignorance, stupidity.

3. Creativity

Positive qualities: self-expression, freedom, authenticity. Transcending existing reality with meaningful original expressions.

Negative qualities: dullness, imitation.

4. Love

Positive qualities: compassion, caring, acceptance, appreciation, attention to well-being, supportive intention.

Negative qualities: fear, control.

5. Power

Positive qualities: strength, success, accomplishment, influence, money, tools, information, the ability to accomplish and fulfill desires.

Negative qualities: failure, weakness, shame, frustration.

6. Joy

Positive qualities: happiness, pleasure, fun, celebration.

Negative qualities: pain, hurt, sadness.

7. Peace

Positive qualities: trust, faith, calmness, safety, tranquility, confidence, reliance, acceptance.

Negative qualities: conflict, worrying, danger, stress, guilt.

The unified field evolves through all objects, entities and living organisms. It strives to maximize each of the fundamental energy fields. As humans, we experience them as driving forces that we interpret as our passions. We want to increase these qualities in our life. Therefore, we consider them as parameters of our quality of life. Their increase is associated with a sense of well-being. We want to promote these qualities in all aspects of life. These desires, passions, motivate all our thoughts, feelings, actions and aspirations. We perceive their on-going fulfillment as the meaning and purpose of life.

4 Applications of 7 Passions

The following are suggested applications of the 7 Passions theory and guidelines for further research to explore and expound upon the hypotheses that it introduced.

4.1 A Benchmark for Quality of Life

The principles of 7 Passions can be used to create an objective quantitative benchmark to measure levels of quality of life of a variety of topics. Quality of life is defined as the integration of the quality of each of the seven passions.

In general, the quality of life of a person can be evaluated by their qualities of unity, wisdom, creativity, love, power, joy and peace in the main aspects of a person's life: body, mind, spirit, relations and environment. Evaluate each of the five aspects for levels of each of the seven passions requires evaluations of 5 aspects x 7 passions = 35 pairs:

- Body-Unity, Body-Wisdom, ... Body-Peace
- Mind-Unity, Mind-Wisdom, ... Mind-Peace
- Spirit-Unity, Spirit-Wisdom, ... Spirit-Peace
- Relations-Unity, Relations-Wisdom, ... Relations-Peace
- Environment-Unity, Environment-Wisdom, ... Environment-Peace

Examples:

- Body-Unity: all bodily functions are aligned in the person's activity. typical examples are of a dancer who is fully immersed in the dance, or an athlete who is performing at optimal levels and feeling "in the zone".
- Relations-Wisdom: social intelligence, having healthy relations that contribute to the quality of life of the person and those that are in a relationship with them.
- Mind-Creativity: imagination, authentic artistic expressions, original methods of problem-solving.
- Body-Joy: feeling pleasure sensations
- Environment-Peace: a peaceful surrounding without elements that induce stress.

Here is a suggested process for quality of life evaluations:

1. Identify the scope and aspects of a specific topic.

2. Create a two-dimensional matrix where levels of each of the seven passions are measured in each aspect of the topic to the extent of the scope.
3. Integrate the results to derive an overall evaluation and quantitative quality of life estimates.

Example: Evaluate the quality of life of a person driving to work in the morning.

4.1.1 Identify Scope and Aspects

Scope: A specific instance of a person who is driving in their car to their regular workplace on a specific day.

Aspects: use the main aspects of people's lives: body, mind, spirit, relations and environment.

2. Evaluate Aspect-Passion Pairs

As described, there are 35 aspect-passion pairs. Sample evaluations:

- Body-Creativity: what is the measure of creativity of the person's body? It's probably very low. They do not move much other than with their head and arms that are doing repetitive motion like the motions that they do every morning driving to work
- Mind-Love: how loving are the person's thoughts? It varies, but most people are annoyed by morning rush-hour traffic
- Relations-Wisdom: are the person's relations to others wise?
- Environment-Wisdom: is it wise to drive their car in terms of the impact on the environment?

The answers to most of the above are complex. There are objective and subjective factors. Some objective factors may be measured empirically. Subjective factors can be evaluated by asking the person. Each of the main aspect also have numerous factors. In this example the person's relations may be with other drivers on the way to work, with people at work, both coworkers and clients, with the driver's friends or family. Each of these can be broken down and evaluated individually.

3. Integrate the Aspect-Passion Pairs

A simple mathematical aggregation of corresponding numerical values to the aspect-passion pairs can be a starting point to obtain an indicator of the overall level of quality of life. It can be improved by providing weights to each of the values, that represent the importance of the values. For example, by taking public transportation instead of driving their car, the negative impact on the environment will be lower, thus the quality of life higher. On the other hand, it will take more time to get to work, which may have a negative effect on the quality of life. The weights given to each of these will affect the calculations of the total sum. The assigned weights are also indications of the person's perspectives of values of quality of life.

Quantitative Estimates

P_t – total passion energy

$p_1 - p_7$ – the 7 passions

$a_1 - a_5$ – 5 aspects of life

V_{pa} – the energy of passion p of aspect a

W_{pa} – the weight of energy of passion p of aspect a

$$P_t = \frac{\sum_{p=1}^7 \sum_{a=1}^5 (V_{pa} \cdot W_{pa})}{35}$$

5 Recommendations for Further Research

The recommendations for further research on the 7 passions theory focus mainly on the complementing element-whole roles of the seven energy fields in various scientific disciplines.

5.1 Research in Specific Disciplines

Identify each of the seven energy fields within currently defined topics and define the topics as an integrating function of the fields. Examples:

- In particle physics identify the seven energy fields within elementary particles and define elementary particles as mathematical functions of the seven energy fields.
- In cellular biology identify them as vital qualities of cells and define vital cellular qualities as integrations of the seven passions.
- In neuroscience identify them biochemical properties of neurons and define neuronal functions as biochemical processes associated with the 7 passions.
- In behavioral psychology identify them as drives and motivations for decisions and actions and define decisions and actions as a synergy of the seven fundamental human passions.
- In social psychology identify them as valuable qualities of life and define quality of life as an integration of these seven social qualities.
- In environmental science identify them as vital qualities of eco-systems and define the overall quality of life of eco-systems as a harmony of the seven vital qualities of eco-systems.

5.2 Holistic Integrations Across Disciplines

Conduct comparative studies of each of the of the seven energy fields across different disciplines using the results of the studies described in the previous section, *Research in Specific Disciplines*. It has two main stages. First, create seven distinct integrations for each of the seven passions. For example, create an integrated description of Unity, using descriptions in terms of nuclear physics, cellular biology, neuroscience, behavioral psychology, social psychology, environmental science and others.

The second stage is to study comparative relations between the seven passions in different disciplines. For example, compare the descriptions of Unity across a variety of disciplines with the descriptions of Wisdom across a variety of disciplines, and identify parallel relationships between them. Define these parallel relationships and then attempt to predict similar relationships between Unity and Wisdom and other disciplines.

About the Author

[LiOr Jacob](#), the founder of Passion University, is an AI scientist who pioneered passion-based education. He taught artificial intelligence at National University and developed breakthrough AI applications for companies in Silicon Valley for over 30 years. He conducted research in higher states of consciousness at Maharishi University and wrote the 7 Passions Unified Field Theory.

LiOr founded Passion Training, taught thousands of students and developed neurosomatic methods of conscious breathing, dance, yoga, tantra and rebirthing. He has been a social and environmental activist and guided Dance for Peace world-wide.