



Negative Odds (Theoretical part)

For many years Leo, the Kabbalist, had raised the issue of the negative probability. According to his logic, which by many was considered absurd, in addition to the space-time that characterized the world of normal matter where reigned the positive probability, there had to be a space-time where existed dark energy and dark matter and where reigned the negative probability. No one ever understood what was dark energy and dark matter, much less what was negative probability. His concept was simple, in his absurd clarity, and according to him was also flawless. The theory of Leo, published on his blog, that very few read, was based on the concept that in a simple equation as:

$$1 = 1$$

the two 1, despite being equal, in fact were one the opposite of the other, because they were one to left and one to the right of the "=" sign, which was the fulcrum of the equation, and therefore it meant "zero". If you bring the 1 from the right to the left you have to change its sign so: $1 - 1 = 0$ and the equation would remain valid and would give the accurate result: $0 = 0$, otherwise if the two 1 were of the same sign the equation would become: $1 + 1 = 0$, which became the absurd: $2 = 0$

Based on this discovery Leo had come to the conclusion that the two sides of the physical reality that is divided into past, present and future, and where the "=" accounted for the present, the two probabilities of past and future were opposed in sign although equal meaning, since one of them was left and the other right of the equality "=" sign that was the zero point of reality and one could then write this equation, known as the ***first equation of Leo***, as follows:

probability (past) = probability (future)

If you bring to the left the probability on the right, you have to change its sign to - :

$$\text{probability (past)} - \text{probability (future)} = 0$$

It was therefore clear that a chance was the opposite of the other, and if the concept were to be applied to life, there would be the strange result clearly expressed by Leo in his essay: *The Fulcrum and the Equation*, explained below.

Probability rules in our Universe the evolution and mutations of all events, and it's always a positive probability. It starts from zero probability = complete failure and ends with probability 1 = complete success. But what probability will there be in the hereafter ? If the equation written above is valid, it must be a chance opposite to that which exists in the Universe. It will start from zero probability = success and will end up with -1, i.e. complete failure. The sum of the two probabilities will therefore be zero, that is the probability of God, where all the odds are added together and all are possible. The "losers" on Earth will be winners in the hereafter? It seems so.

It was clear to Leo and to his few disciples that the world of the probability in which the events occurred obeyed to the first equation of Leo, creating two complementary realities: a positive space-time and a negative space-time.

The world of positive space-time obeyed to the equation of Einstein:

$$E = mc^2$$

The world of negative space-time obeyed to **the second equation of Leo**:

$$E = imt^2$$

Einstein's equation establishes the equivalence and the conversion factor between the energy and the mass of a physical system in a positive space-time. "E" indicates the energy emitted by a body, "m" its mass and "c" the constant speed of light. According to this equation, all normal matter is energy, including us that are made of photons. With this equation Einstein unveiled the greatest of all mysteries: who are we? We are organized energy.

The second equation, that Leo had developed from his scientific readings (probably without realizing it) was that of **antigravity**, which represented the equivalence and the conversion factor between the energy and the mass of a physical system in a

negative space-time. "E" indicates the energy contained or emitted from a dark mass, "i" is the imaginary number $i = \sqrt{-1}$, "m" its mass (that traveling faster than light, instead of creating gravity creates expansion) and "t" is the speed of the Tachyon, which must travel faster than light in order to exist. With this equation Leo had unveiled the second greatest mystery of the Universe: What is dark energy? It was the energy that caused the expansion of the Universe and which was opposed to gravity. It was the famous **antigravity**.

It was clear that there were "antigravity bubbles" around all the galaxies in the Universe, judging by the proven existence of huge amounts of dark energy and dark matter that had been revealed by astronomers in recent years. There was talk even of the fact that more than 95% of the Universe was made up of dark energy (72%) and dark matter (23%). To be honest, there was anti-gravity wherever there was even gravity. It seemed that the two opposing forces lived together in perfect harmony balancing each other out in the Universe.

The discovery of the concept of antigravity had ancient roots. We could say that it dated back to the ancient concept of the Eastern Philosophy known as Yin and Yang, which in simplified Chinese terms indicates a generic pair of opposite and / or complementary elements which make up the whole reality.

The mathematical discovery however, was due to a publication of Leo: Paradoxes of Time, which fortunately had not been disclosed in scientific journals, because as we will see Leo had recently changed the formula. A similar theory was also published by Charon in his book *Theorie de relativité complexe*, and explained in the book: *Death, here's your defeat* of the same Charon, that Leo was reading. Perhaps it was Charon that discovered antigravity without realizing it? It was, however due to Leo the equation: $E = imt^2$

And it was Leo, who after years of study had finally expressed in those elegant mathematical terms the concept of antigravity starting from the theory of the Tachyon. The Tachyons are particles of negative mass due to their complex mass which includes the terms i and m where i is an imaginary number equal to $\sqrt{-1}$ and m is the mass. This imaginary number however is cancelled with the Gamma correction discovered by Einstein because the Tachyons travel faster than light. That imaginary number does not affect at all the physics of the Tachyons.

What does negative mass mean? What are actually the Tachyons? They are possibly the **quanta of "expansion"**, more similar to ultrasounds than to particles. They are exactly the opposite of matter, although not antimatter. Very probably they are

formed due to explosions which take place in the black holes in absence of time. They are produced as well when there are small spontaneous outbursts, caused by quantum fluctuations, outside of the kinetic Universes, where time is stopped or almost stopped. Not only they are traveling faster than light up to infinite speed, but they cannot travel below the speed of light, otherwise they would require an infinite energy to overcome the barrier of light. Instead, they can easily travel with infinite speed if their energy becomes zero and when their mass is zero, because of the principle of equivalence of mass and energy expressed by Einstein's famous equation: $E = mc^2$

The formula that Leo had derived originally was: $E = imc^2$

This formula was however modified by him, because it was more natural to place in the formula t (the speed of the tachyon) instead of c (the speed of the photon) for reasons of mathematical logic. In fact, while c was a constant equivalent to 300.000 Km / sec, t was a variable that varied depending on the situation between a lower limit that was c and a maximum which was ∞ (that is, the infinite). This fact had significant mathematical advantages .

First of all Leo had shown that if the tachyon had a mass equal to zero and was slowing down its speed to that of light, it became a photon without having to overcome the barrier of light. So the transformation tachyon-photon was possible only in special circumstances. (For example, when a person died and his photons went out of existence passing into the hereafter.)

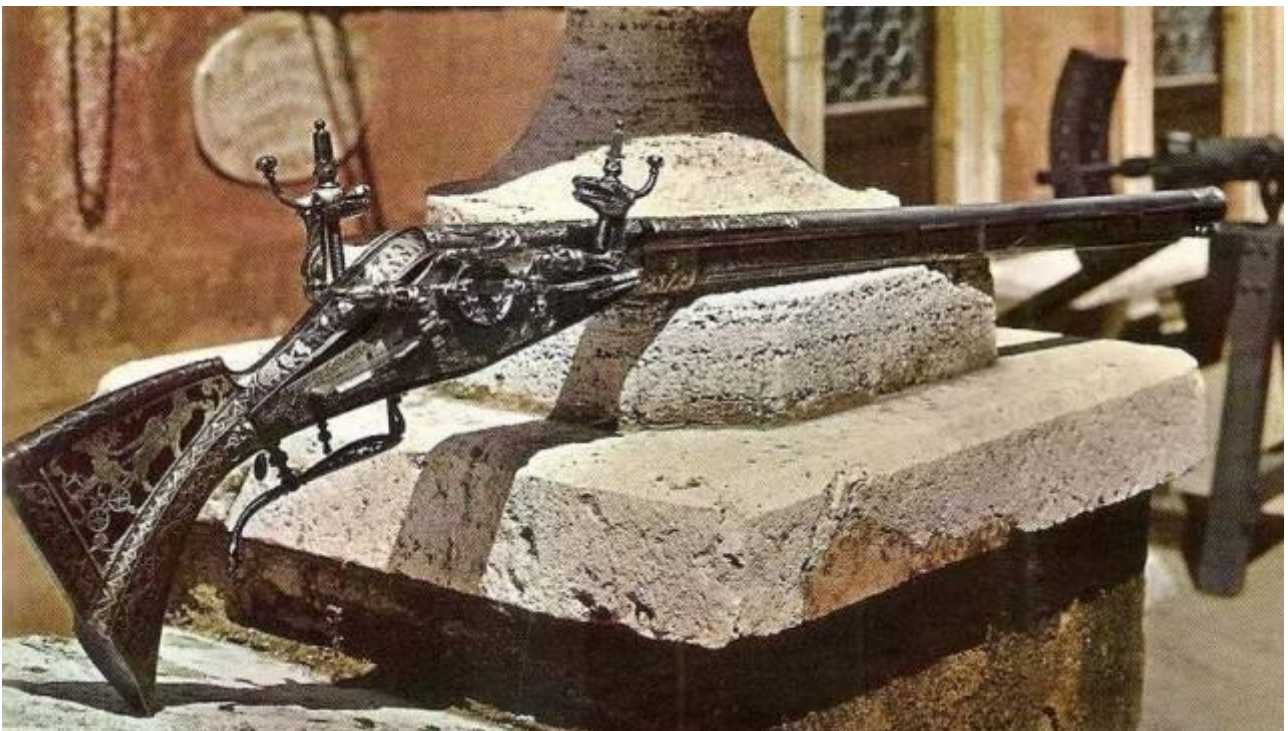
Leo had also proved mathematically that if the tachyon had a mass different from zero, when its speed slowed down it created energy / dark mass in varying amounts depending on the speed. The more it slowed approaching the speed of light, the more mass and dark energy it generated. (See the paper: Paradoxes of time) Why was energy and matter dark ? Probably because they were generated by tachyons traveling beyond the speed of light, and then in the dark, or because they consisted of gamma rays that vibrated at a frequency much greater than that of visible light.

To travel at infinite speed the Tachyon had to have zero mass and when the term at the denominator of the Gamma correction became – infinite (minus infinite), because the particle was traveling at infinite speed, the equation became:

$$E = imt^2 / i \infty.$$

The two i cancel out and since at the numerator the mass was 0 and had to be multiplied by ∞ , (being the speed c^2 of the tachyon always equal to ∞ even if squared) in the numerator you had than 1. That 1, as Leo had shown in his essay: The mathematics of God, resulted from the product $\infty \times 0 = 1$. So, as foreseen, if the tachyon was traveling at infinite speed, in absence of time, its energy would be: $E = 1 / \infty$, i.e. 0.

1 divided by ∞ , gave zero, because any number divided by infinity becomes zero, and thus the energy of the tachyon became zero.



**The Tachyon gun
(practical part)**

This whole boring mathematical premise is necessary to explain in a scientific context the mechanism of the tachyon gun that Leo had built in India with the help of Brahmagupta Junior (See the story of Leo: The Kabbalist). The principle was simple: if an explosion was caused inside a laser beam where the time was stopped, tachyons would be created that could be produced at variable speed, depending on the need. By varying the density of the substance in which the laser beam was traveling, you could vary at will the speed of the tachyons formed by the explosion. If the laser beam was traveling in a vacuum, in absence of matter, an explosion inside the vacuum could create tachyons traveling at infinite speed.

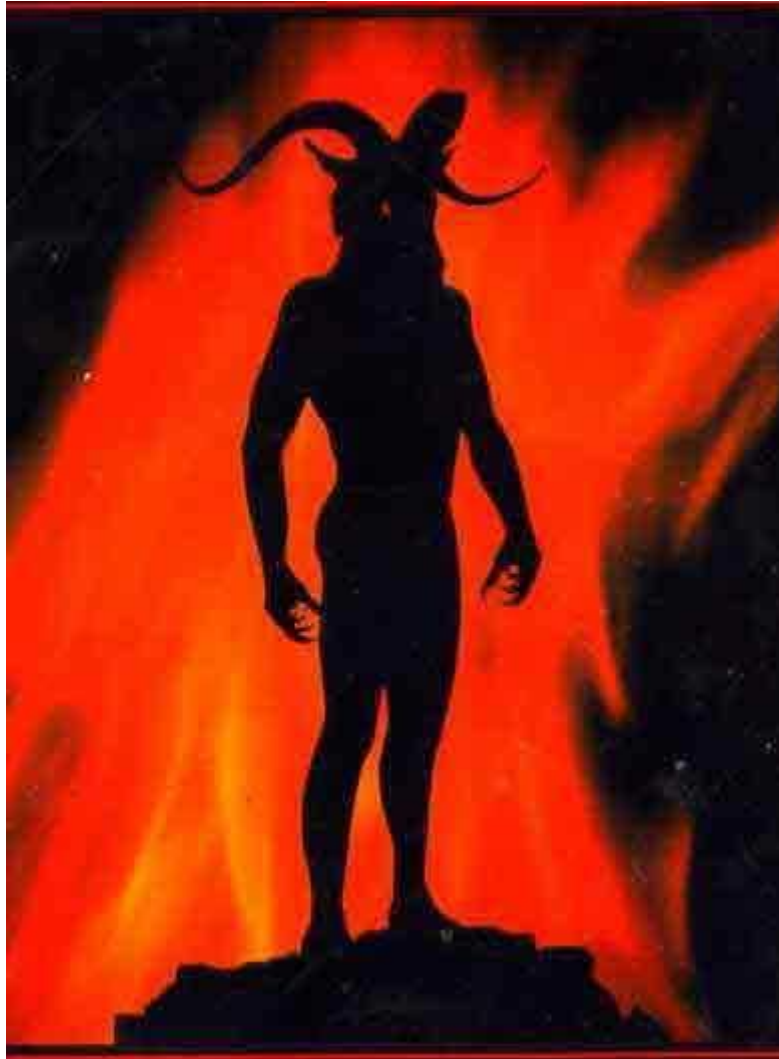
One could then with a trick vary at will the speed of the massive tachyons, (i.e. with mass different from zero) provided you didn't go below the speed of light. This way the slowed down tachyons created both dark energy that dark mass. In addition to this, a bluish electromagnetic radiation was generated in the substance crossed by the tachyons, the so-called **Cherenkov radiation**.

To conclude there existed all the premises to build a deadly weapon that fired dark energy and dark matter in addition to a large beam of electromagnetic Cherenkov radiation. Firing the gun formed a laser beam of tachyonic light that could be seen only after it had passed (because it was traveling faster than light). It was necessary, however, to point out that that beam did not cause any damage in the real world, where reigned the positive probability, but had catastrophic effects on the substance of the "**bubbles of antigravity**" because it turned the matter into antimatter, causing its immediate destruction. As is well known antimatter, in contact with matter explodes, forming photons of light.

Leo had guessed the phenomenon with a simple equation: $E = 1 / \infty$.

In absence of time, at infinite speed the energy E of a tachyon of zero mass becomes 0, hence the equation shown above could be written as follows: $0 = 1 / \infty$. Its reciprocal was then: $\infty \times 0 = 1$, but this happened in the world of normal energy-matter where reigned positive probability and where that 1 represented the sum of all the positive reality hit by the tachyonic beam.

But what happened in a "bubble of antigravity"? Logically, the opposite of that equation: $-\infty \times 0 = -1$ and that -1 one was representing the sum of the whole matter hit by the tachyonic beam and turned into antimatter.



The substance of the Devils

Leo was not convinced of the existence of the Devil (and generally of the various devils named in the scriptures), but from the point of view of his mathematical logic and the Kabbalah, the existence of the Devil was logical, although difficult to prove. Bertrand Russell, that Leo admired for his intelligence, had told the following story told again by the old Jew Nahum in Leo's book Anilao: *"Nahum smiled and said: " I see that you have progressed a lot in the study and all that you said is true, except for one thing: God deals with the world, but cannot intervene directly because He lives outside of time and His probability is only certainty. He can only do what is certain, and not what is uncertain, unlike the Devil, the king of the kingdom of darkness and the absolute negation of the Being." Then Nahum went searching through his books and came back with a book of essays written by Bertrand Russell. "Here's the explanation. God is probability 1, that is certainty. The probability of Satan must then be the opposite of that of God, that is -1, the opposite of certainty,*

because he is the opposite of life, the embodiment of non-existence. But here is what Bertrand Russell thinks, in his story: The nightmare of the Metaphysicist. Russell said that his friend, the philosopher Andrei Blumblowski, had a nightmare in which he dreamed of the Devil. Faced with Satan in his dream, Blumblowski realized that the Prince of Darkness and the Spirit of denial, had a negative body as well as a negative mind. In other words his body consisted of an absolute vacuum, devoid not only of matter particles, but also of light. The empty region of his body was completely black, not just black, but infinitely black. Therefore it represented an absolute nothing, although that special nothing was a black hole that was in the form of the Devil, complete with horns and tail. " Wonderful description of God and of the Devil, but I do not understand what you are getting at. "Said Leo surprised by that story.

"I am trying to tell you that God is the Being, and in the realm of the Being, everything is possible. The Devil does not exist, because he is not. But don't doubt. Although God cannot intervene personally, He can always send his angels messengers to ensure that His will be done. "

The likely solution of the enigma could be found if Leo *understood first of what kind of substance was made the Devil.*

Leo knew that the word Satan was derived from the Hebrew Satan, which meant the opponent, the opposite, and was abundantly demonstrated that the scriptures meant that Satan was the *evil* that was inextricably associated with the *good*, because the two concepts were mutually exclusive and without one of them you could not define the other. After extensive studies, Leo had come to the conclusion that the Devil, along with all the devils, contrary to what had said Nahum, existed and were made of the same substance that formed the Being, God, but this substance was immersed in a field of negative probability, which started from 0 to end at - 1. The Devils were the opposite of the normal probability and their success was the opposite of what we call *goodness*: the devils were winning when all was evil and their immaterial body was formed from "bubbles of antigravity" where reigned negative probability.

The equation could be written like this:

positive probability of God = negative probability of the Devil

And if you put the probability of the Devil in contact with God's probability this phenomenon was happening: $+ 1 - 1 = 0$

That zero was the sum of all possible odds (that was God), in which everything is equalized and everything becomes possible.

Leo was now holding all the theory to figure out who was the enemy Satan and who were his helpers and he could build the deadly weapon that could destroy them.

This weapon was designed to shoot the tachyons with infinite speed in order to transform the substance of the devils into antimatter and disintegrate them.

Moral of the story

Members of the Academy of the Kabbalists, if you encounter a devil (or you suspect that he is a Devil), build yourself a gun and shoot him with tachyons. If instead he is a human being, he will remain unscathed, but if he is a Devil, his substance will collapse in contact with the tachyons and his field of negative probability will be condensed to -1 and in contact with + 1 (the field of positive probability of reality) will be annihilated and then he will become 0 , disappearing into God, because:

$$+ 1 - 1 = 0$$

Clear ?