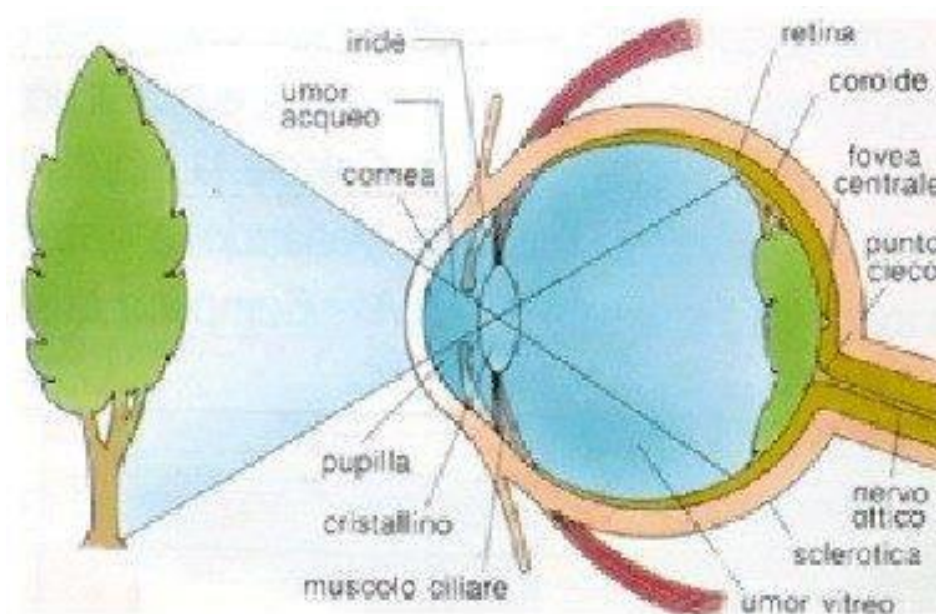


The mystery of the zero point

The design of the human eye shown below explains the phenomenon of the quantum entanglement. At the intersection of the two cones of light there is a zero point in which the tree is vertical or inverted. That point can not be anything but the "zero point" because zero is the only number that with the sign + 0 or - 0 is always equal to itself, that is, zero. On that point the tree is, at the same time, vertical or upside down, like the Schrodinger's cat that is both alive and dead.



Zero is not a "nothing" as people may think, but a physical reality, as the beginning of a cone of certainty of an event. (See my explanation of the cone of certainty in this anthology)

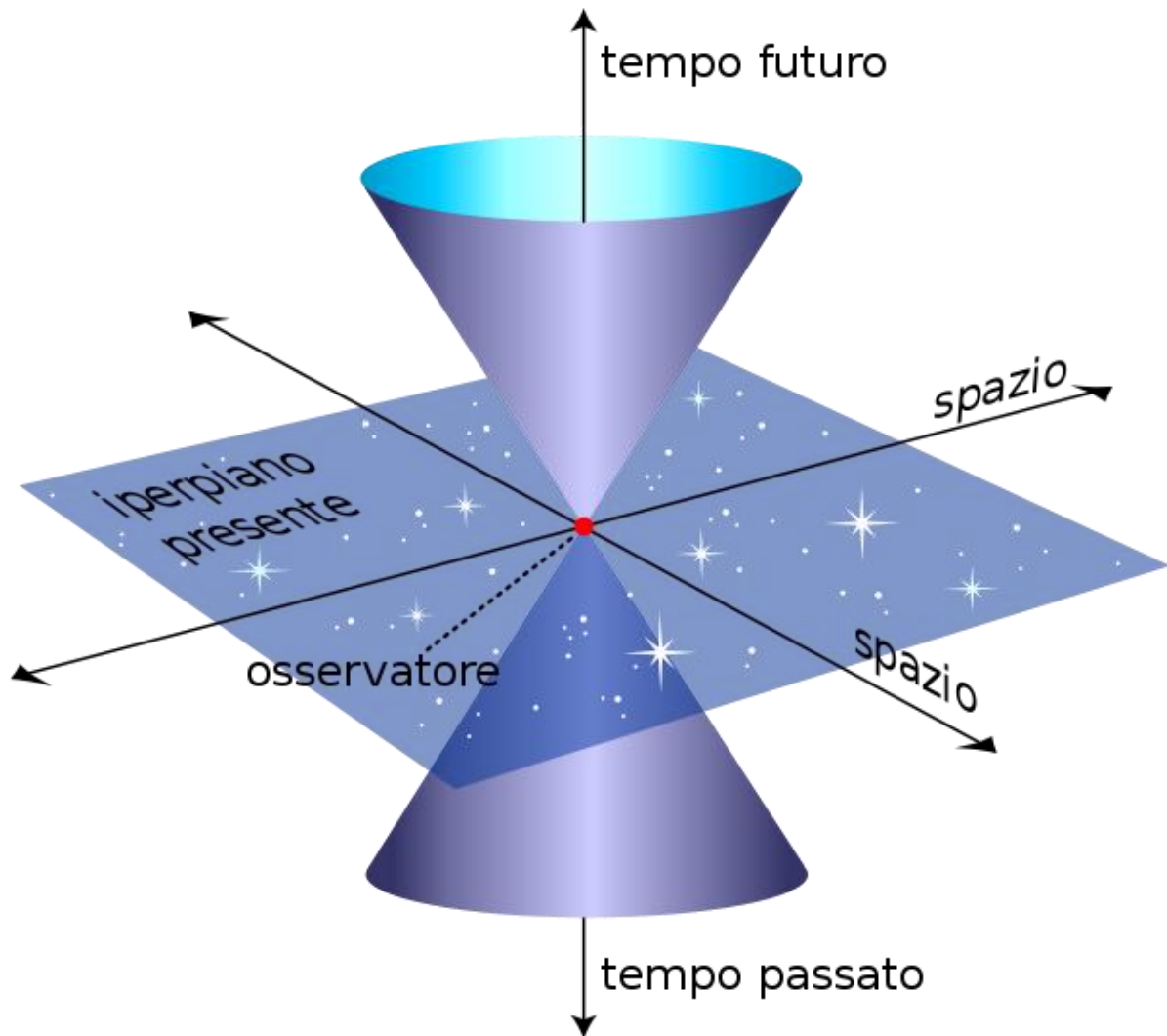
For us human beings limited by the arrow of time to a one-way-mind, this seems to be a paradox, but not for the space-time that is the substance of God.

We do not know all the "hidden variables" alleged by David Bohm, but the space-time knows all the hidden laws.

At the beginning of the Big Bang, the first zero at the vertex of the cone contained the entire future of the Universe enclosed in one point.

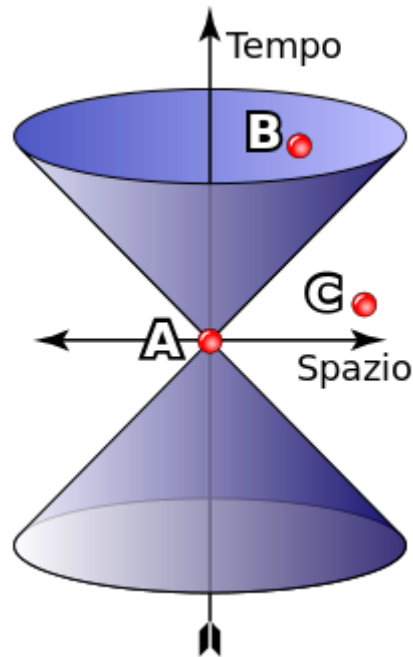
I, the Kabbalist, spent years thinking about these paradoxes, to solve the riddle of the existence, and this is what I thought.

Here is the cone of the future of the diagram of Minkowski:



Zero is the fundamental building block with which is built the existence and the sum of infinite zeros is the One, the Unity of Everything, that is God. Think for a moment and you too will see that it must be so.

The red dot is the point where the past blends with the future. All the past is "entangled" with the future, but the red dot is the *zero* from which sprang the future Universe !



Philosophy of Leo

The above was what was preaching Leo because among his greatest Kabbalistic discoveries were the three sacred numbers: 0, 1, and Infinite, on whose permutations he had simplified his Kabbalah. The three numbers were unique ones, since they remained always equal to themselves when squared. Their square root was also equal to themselves and therefore Leo called them the Divine Numbers.

We know that philosophy is more readily accepted than science without the need for many demonstrations, so almost anyone can philosophize and philosophical reveries are harder to refute. Just come up with a good guess at which you follow up with a good argument, and that's it. So, in addition to his more or less scientific speculations Leo was also famous (among the members of the Academy) for his philosophical reveries on the nature of God and of Creation, like the one below:

"When the Big Bang began, the initial singularity was surrounded by the Substance of God, that is, by space-time, but the light was not there yet and the time was zero. We have seen that *tachyons* must have been formed by the explosion of the Big Bang in absence of time. (Because the Velocity is equal to a Distance in Space, divided by a Time, and if the time is zero, the velocity becomes infinite, hence the

creation of tachyons) This was the mechanism that formed *tachyonic waves* in space-time, creating energy and mass. But this energy and mass were formed over the barrier of light (because tachyons travel faster than light) in the dark. This explains the phenomenon of dark energy and dark matter, which fills the Universe and does not emit photons and does not reflect photons. A second explanation is that, having been formed in a different way, beyond the barrier of light, the tachyons formed gamma rays, of frequency so high that they did not generate "light". Light must have formed later, when tachyons slowed down and became photons."

The above is what Leo thought and thinking faster than light had caused considerable brain damage to his brain. (He was admitted to the Zuoz Mental Hospital in Switzerland and subjected to electro-shocks for two months, in order to restore his thinking to the speed of light.)

Interestingly, this is what one of the fathers of Judaism thought about how the creation took place. The power of the human mind illustrated by this comment of Nahmanides (one of the great pillars of Judaism) on the creation of the world is astounding. His incredible thesis would kindle a light to reconcile the microcosm of Max Planck to the macrocosm of Albert Einstein eight centuries later! In other words with the power of the intellect (surely inspired by the Holy Spirit) Nahmanides had accurately predicted the Big Bang. Here are his words some 800 years ago! (Sent to Leo by Aharon Nathan)

"... In the brief moment that followed the creation, all matter in the Universe was concentrated in a very small point, no bigger than a mustard seed. The Matter here was very subtle, so intangible that had no real substance. It had, however, the potential to acquire later substance and form and to become tangible matter. From the initial concentration of this immaterial substance in that infinitesimal point, the substance expanded, thus expanding the Universe. As the expansion progressed, there occurred a change in the substance. This incorporeal substance, initially subtle and without body, then took the appearance of tangible matter as we know it . From this initial act of creation, from this ethereal, thin pseudo – substance, everything that has existed or will ever exist, has been, is, and will be, was formed "

For years Leo had maintained friendly relations with his friend and Master Aharon Nathan, with whom he had also written a book: The Talmud of Scicli, which explored the relationship between God and the Creation of the Universe according to the new scientific discoveries. The book had been followed by a series of articles, given below, in which Leo analyzed the fundamental principles on which was to be based the analysis of God and Creation.

In this World there are hundreds of religions and most of them have attempted to describe God and creation. Religions can easily "tell lies" because no one has ever seen God, much less understood the complex mechanisms of creation. Leo liked the theories of the Jewish philosopher Spinoza, who had invented Pantheism and if he had been telling lies, they were at least intelligent lies.