To begin with, it is important to understand that our thinking and all feelings and perceptions are merely reflections of the logic of this world. We only perceive and interpret this logic through our brains. Our minds arose in a logical world with the evolutionary task of adapting, which means understanding the surrounding reality. The very existence of reason indicates the presence of an all-encompassing logic of everything that exists.

This has become the foundation on which all our perceptions originate and are built. Everything conceivable is logical. Even our imagination adheres to logic. All our senses are also fundamentally logical. If we break them down into elementary signals, we will see that logic underlies them. We think logically because logic is already inherent in nature. Now, understanding this, I will try to explain and even illustrate where logic itself comes from.

Everything that surrounds us has boundaries. These boundaries are essential. Everything in our world is always divided into Something and Nothing.

Look at your palm. There are fingers and there are the spaces between them. It is the emptiness between the fingers that defines the fingers themselves—their shape, size, and structure, etc. Conversely, the fingers define the structure of the space between them. You see a mountain because of its boundaries in the emptiness and its outline on the horizon. The world is an alternation of presence and absence, where an object and the empty space surrounding it are inseparable.

In our world, everything is divided in the same way. Everything has SOMETHING and NOTHING, down to atoms, which have empty space between them. We divide Everything. Even between 1 and 2, there are an infinite number of fractions. This drive to divide everything is a characteristic of our exclusively logical perception. We lack the tools to comprehend the undividable Nothing. We are like a fish in water, unaware of what land is. Division is our water; we exist within it. If we were to be thrown onto the shore (the undividable), we would be unable to understand or see it. We would try to swim on land as if it were water (always dividing), only digging deeper into the sand...

If you want to see God, simply imagine the undividable. He is hiding there, on the shore, in undividedness and illogicality. And he rests peacefully there. If you think, feel, or even give shape to the illogical, you automatically endow it with logic. And it magically ceases to be illogical and becomes merely a logical consequence of opposing it with the logical. That is, it becomes logical.

To put it simply, it is impossible to think illogically. When we think about or imagine it, we strip it of its illogicality. Hence, no manipulations with the illogical are possible. Any attempt to comprehend it dualizes it, "infecting" it with logic. The only way to understand the illogical is to abstractly divide it, to make it "digestible" for our perception. This is what dialecticians do, sometimes without even realizing it.

This duality of the alternation of SOMETHING and NOTHING, presence and absence, creates logic itself. Logic arises when duality appears. It is precisely by "combining" this pair in its depths that our brain operates.

One cannot be logical. For logic to emerge, there must be a dual pair. Imagine a single object, such as a ball, in endless empty space. Can it move or change? No, it cannot, because movement can only occur in relation to something else. And there is nothing around. Will there be time? No, because there is neither movement nor change. Will there be any forces or fields? No, where would they come from? Will there be logic there? And there will be no logic. Will this object exist at all? Not for us. For us and our logical world, it will not exist. This is difficult to imagine because we have no way to not see or understand this. It cannot move or change; it has no size or shape. It is indistinguishable. And it is indistinguishable because it is illogical. And for us, it simply does not exist. But it does not exist only for us.

The very "consideration" of such an object already dualizes it. Even my condition to imagine precisely one object already potentially multiplies it, endowing it with logic. The number 1 itself already contains "logical potential."

Numbers in themselves already have "Nothing," "abstract pure zero," at their core, which makes them logical.

Numbers are an invention of our mind. We have "by default" embedded duality in numbers. A conditional Something (quantity) and Nothing, which always accompanies it. The same applies to everything our brain produces. Any abstraction is only possible with the presence of not only themselves but also Nothing at their core. We a priori lay a "foundation" of Nothing beneath everything we are aware of. This creates logic (causality and interaction). Without this a priori foundational Nothing, logic disappears. And we cannot think outside of logic. Just as we cannot draw on white paper with white color.

The illusion is that we think we use only essential constructions, and they interact logically (on their own). However, we always underpin them with a fundamental Nothing precisely for their interaction. And thinking always occurs with this Nothing in mind.

The reason for our logical thinking is that the mind always "has in mind" this Nothing beneath everything it thinks about. It copies and derives this perception from the real world. If so, then it is this pairing that creates logic (structure, order) in the real world as well.

When I ask to imagine one object, it means to imagine something unrestricted by anything. Neither externally nor internally. It is singular not because there is no other, but because there is no idea of another. The idea of another (of multiplicity) can only arise with the emergence of NOTHING (emptiness around). It is precisely this emptiness that dualizes and brings logic into our indivisible ideal.

Now add a second object to this one. What has changed? Correct, a space has appeared between them. As soon as you add the second object, logic immediately arises. Because the very word "second" is already imbued with our duality and logic. We automatically imply that we are adding not just the object itself but also the space separating the objects. Comparison and interaction become possible. Movement, time, cause, and effect appear. Attraction if they move toward each other, and repulsion if they move in different directions. The logic of their existence has emerged.

The same goes for space. If there were no objects in it, there would be no such space either. Our perception and logic simply do not see such entities. We are blind to their perception. Because there is no separation within them.

The absence of separation gives rise to all paradoxes when we try to comprehend non-dual concepts with our dual logic. Concepts like infinity are incomprehensible to us because they are indivisible and thus illogical. What is logical is what is divisible. This divisibility compels us to seek a Beginning and a Creator. It is duality that suggests to us that everything must have a Beginning and an End.

If there is a logically structured world due to division, then there must also be an illogical and indivisible world. When "Something" is dualized, it enters our world, becomes part of it, and becomes logical. It appears and begins to exist. But the foundation, the substrate, the very nature of the world is indivisible and illogical. It cannot influence our structured world. That is why the only thing it can do is serve as "building material" for our orderly structured world.

Something does not arise from Nothing. Both of these concepts are already endowed with logic. They are "infected" with logic. By defining them, we have already ordered them, divided them, and attributed logic to them.

The impossibility for our mind to unite opposites breaks our logic and its very foundation, where opposites are separated, creating our logical perception.

Why do we need to divide opposites to understand them? It doesn't matter what kind of opposites they are or at what stage of becoming.

Why do we necessarily divide them? Only by dividing and comparing can we comprehend them. Doesn't this urge to divide point to the very reason for our thinking?

I think this is the reason for logical thinking. If so, then we need to find the most fundamental opposites—the basis for all others. Those opposites that establish logic, including dialectical logic. They should be evident. They are fundamental and substantial. All structures, including our consciousness, are built upon them. They can be touched with hands.

And they are known. It is YES and NO, presence and absence. On these simple opposites, evolution has built the complex structure of our mind, playing with them for billions of years.

Do you notice the impossibility for our mind to act otherwise? Do you feel this Law, this logical necessity? It looms over us and doesn't let us go beyond the limits.

We must analyze the very fact of the existence of such a Law (of logic). Our task is to understand where its limitations lie and what its cause is. The very presence of reason gives us a hint that we should look on the surface, in the simplest things from which this reason has developed and where it exists. What limits reason also limits all existence.

And this limitation is a simple physical, material division into YES and ${\tt NO.}$

This means that the division into YES and NO (the basic division) is merely a "cognitive distortion" set by the structure, logic, and order of the world, and consequently, by our reason. We need to transcend this perception!

And if we get rid of our "cognitive-logical distortions," it turns out that: True NOTHING is the undivided YES and NO. And the true SOMETHING is divided.

We lack the tools to comprehend the unity of opposites and infinity. Because the only tool available to us is our dual logic. We have no other.

WITHOUT DUALITY, THERE IS NO LOGIC ITSELF.

The main problem of our mind is that it has evolved in our logical (dual) structured world. It is a derivative of this world and its result. And we, being part of this world, think exclusively in dual categories, where Something is always separated by Nothing. Our thinking, feelings, and all perceptions reflect the properties of this world, the foundation of which is duality.

Our mind is "trapped" in the logic of pairing and duality of the sequence of SOMETHING and NOTHING.

Binary code, and indeed all mathematics, merely "copy" and "abstract" this duality, confirming logic. Something and Nothing are the natural zero and one used by our brain. The dual (pair) perception of the world as SOMETHING and NOTHING is what generates any language in our brain, including the language of mathematics.

Our brain does not know mathematics, but it understands the duality of all existence well. It develops within this duality. Over time, it becomes intuitive and natural to us. We learn to operate with billions of dual perceptions without realizing it. Every sound, image, every feeling is processed by the brain as billions of pairs of YES and NO. And in the end, we obtain a general picture, complete with forms and logic.

Thus, the language of the universe is duality. Everything else is merely our interpretation.

Imagine that our world and we in it are like a vinyl record player. The music on the vinyl is recorded in the form of grooves and bumps. It is precisely these irregularities on the vinyl that serve as the analog of SOMETHING and NOTHING in our material world. Meanwhile, the needle reading the grooves will be analogous to all our perceptions. The music itself will represent our consciousness.

There are so many irregularities on the record, and they are read so smoothly that we do not notice them. We hear only the music. But it (our consciousness) adheres to the same logic and creates its sound nuances. It sounds loud or soft, slow or fast, creating its duality while remaining beautiful and melodic (maintaining logic). Philosophy searches for duality in music, mathematics in notes. But the search should be on the record.

Our world ends where logic ends. And the end of logic is where duality ceases. But the essence and foundation of the world is neither dual nor logical. It has no beginning or end, size, shape, cause, or effect. All these qualities arise from our dual world, which is merely a peculiar "logical growth" on the ideal and pure, illogical world.