

There are some fundamental aspects of human existence that take time to build an intuition for. We have to first learn they exist, we need to study them, internalize them and learn to apply them. These hidden fundamentals have not yet propagated through society and established themselves in culture, so their internalization is not yet implicit, automatic.

The most useful concepts seem to always have been around. Sigmund Freud's idea of subconsciousness is something we take for granted and absolutely internalized in our culture. However, people before Freud did not have that concept, subconsciousness was a part of God.

What are some of these concepts that we might hope to one day have mastered, so that our future generations might think in a way fundamentally different from ours?

Duality & Continuity

Words are misleading us, because they feel discrete, but they in fact occupy a continuous space. That is where conflict and misunderstanding often arise. If one is to help the understanding of another, their definitions first have to blur out and become fuzzy. The words we use stand for abstract concepts that are in themselves hard to define and depend heavily on context.

The ancients expressed the idea of duality richly in their religions. There's no saying how much of it was internalized and what portion of it was only acting out an emerging concept. Ideas, principles and often things come in pairs. Defining what *is* implicitly defines what *is not*. This is especially important for *qualities*, because a quality has to be expressed on a scale. Every scale, as any line, has to be defined by two points and if you can move up, you can always move down. This is where duality comes to be the most useful. Defining a quality, be it abstract or material, automatically defines its negative. Asking "*how do I make a cup of tea colder?*" can be answered by either "*cool it down*" or "*make it less hot*". These scales become extremely interesting when looking at highly abstract concepts. Good and Evil are amazing to think about. If you can place events, thoughts and actions onto a scale by how much Good they cause, then there has to be an underlying quality. If there's a scale, there's a line. Look at your line from the worst thing you can conceive going through a continuous space towards the absolute best thing you can conjure up.

What's interesting to ask is - what lies beyond the two ends? Every line can be pulled to infinity. The two infinities are something the ancients discovered already thousands of years ago. In our case of the Good and Evil the infinities are forever fixed points of such greatness and malevolence that they are by definition inconceivable to us. We can only dance around the infinities, portray them, tell stories about them in the context of our lives which serves a great purpose of defining them better bit by bit, so they serve as a better compass to everyone. Then it slowly gets mind boggling. Geometrically speaking every line is a circle of infinite diameter - a set of points placed the same distance from the center. You are the center, place yourself infinitely away the line of Good and Evil.

The infinities of every abstract linear scale define each other. As with hot and cold, what is good is precisely *less evil* than what is evil. An interesting thing happens when you imagine the two infinities become one. They are at the same time infinitely away and infinitely close. I like to imagine them as a two sided mirror. You would usually mentally stand on the scale and see the infinite Good as a reflection far away on one side and the infinite Evil in the opposite direction; but they are the same place. The line that is a loop becomes akin to a Mobius band. If you wanna reach the infinite Good you somehow inevitably end up in a place of ultimate Evil.

Relativity

If there was a geometry to thought, then as in Cartesian geometry a point would be the atom of thought. The simplest way to think is to bring a single concept to mind. A dot. A dot can either be, or not be, no state in between. When you add a second dot, you can see whether it is the same as the first one, or if it is close or far away. With two dots you can think of duality, distinguish two things from each other and then draw a line between them as we described above. However, there is one catch. The dot is always relative. Without an observer there is no dot. The simplest way to think about something is to imagine it in your mind - which makes it your mind *and* the thing you are imagining. When you look at

a distance of two points you are triangulating in a sense between yourself and the two concepts. What is hot and what is cold? Better question is to ask - *what is neither hot nor cold?* The answer is - that which is the same temperature as me.

All the things you are and you can think of *are you*. Where do they go when you think about something specific? They become the observer. In order to think of a dot, *everything else except for the dot* has to collapse into *you*. We can pack and unpack concepts this way and take any of them as a point of departure in a mental process. It doesn't matter where you start, because it is impossible to remove concepts entirely from play, you can only hide them from sight. The fact that it doesn't matter where you start means this - if you think of a dot, there's *you* and the dot. *You* holds everything else except the dot. You can slowly unpack *you* and map every emerging concept on the dot. Slowly you can move everything. What's left of *you* is nothing except, *not the dot*. In other words reality as you know it can be unpacked from *any* concept you know in it's entirety like the mustard plant form its tiny seed.

Relativity implies that there is an observer, an object and the system they share, neither the observer's nor the object's perspective can ever explain the full system. This assumption is also an object, and you are the observer in a shared environment you cannot fully comprehend. There's always a way to Gödel out, infinitely outwards.

Plasticity

The brain and thus the mind are capable of drastic changes. The root of the recent Western exploration of the idea lies in alchemy. The alchemist's ultimate goal was to create the Philosopher's Stone. The Stone is an abstract concept, *something that heals* and *something that transforms*. Through finding the Stone the alchemist had to transform himself. The transformation is something we are not fully grasping yet. Of course you can change, we do know that. However, it is hard to imagine the extent of what is it about you that can change, the magnitude of possible change and the rate at which you naturally transform already. Neither of those three things we have internalized yet.

Fractality & Emergence

The Cosmos is fractal. You see the same complexity at any scale you look at the cosmos. A tree with its crown of leaves is complex. When you look closer, there are details on the bark of the littlest branches, little hair on the bottom of a leaf. This does not stop, you can look ever closer and an infinite amount of information starts unfolding. Fractality doesn't only mean complexity at any scale, but also suggests self similarity. The cardiovascular, nervous and limbic systems in your body are branching nets of vessels and glands. They look like a root system of a tree and if you look only at how they look in your leg, you'll see a pattern that is almost indistinguishable in its visual nature from the whole system occupying your entire body.

It is at hand to ask if this happens only in materia. Your mind is of course fractal too. That means infinitely deep, complex along the way and *self similar*. If you start unpacking your mind from the sense of self, the entity you identify with, you will find parts that are smaller, but similar in nature to you. Your self has other selves in it and they have a mind of their own, you might not even have a control of them, because you focus so much on what *you* call *self*. Similarly the fractal continues the opposite way. You are an atom of something bigger. You are a fractal part of the interpersonal mind that emerges in your relationships, family, community, nation, society. All of it from humanity to a blob of neurons is self similar and seems to be of the same complexity when examined at a human level of analysis. You can examine the fractal at *any* scale and you will find features similar to your mind. Nations have minds and personalities as well as does your tiny amygdala.

Surreality

In order to construct a coherent view of subjective reality we need to look at more than materia. Surreal is what is above real, more than real. The word suggests it is possible to move above reality in some sense, I believe the axis on which you would move defines conscious experience.

The conscious experience is a projection from 3 spaces - material, intellectual and imagistic. Material is the physical world; intellectual is the world of understanding, logic and truth; imagistic is the world of

pictures, smells, emotions and dreams. In each of these 3 domains we aspire to attain a certain treasure hard to gain. In the intellectual plane it is *Insight*, in the imagistic it is *Love* and in the material it is *Life*. Let's elaborate.

A fundamental drive for us as living systems is growth, and ever since we have started opening imaginary dimensions and populating them with abstract concepts and ideas, we strive to grow into these new dimensions as well as in the physical world. *Insight*, *Love* and *Life* are the fundamental directions of growth in these 3 planes. Whenever you gain *Insight*, understanding, knowledge, you grow in the intellectual domain. To *Love* means to expand outside of your self, relates to non-self, the extreme in this domain is spiritual enlightenment and the feeling of oneness. *Love* is a combination of Awe and Intimacy. Awe feels like a good encounter with something unified and absolute, whereas Intimacy is a positive feeling towards another person, something you feel so deeply familiar with. *Life* is what all other living things do first and foremost, they manifest in the material domain by eating, breathing and procreating. Being healthy and growing larger in the material domain is what it means to live.