Monism and Emergence: A Metaphorical Model of the World and Consciousness

The following statements are not about the exact *How* of the world, but rather to name what remains logically consistent when false assumptions are excluded. What then remains are the statements that describe what the world must be. How the world can be like this is then a task for the future.

Dualism must be false. For either the opposing worlds are separate, then they are indistinguishable from fantasy, or they are not separate, then they are one world. All that remains is strict monism. Then space, time, abstract objects, relations between them, chance and consciousness are not entities separate from the world, but emergent facts from the relations of the designed objects. Chance and consciousness must then somehow be superimpositions of different versions of identically shaped and similar causal chains, which are nevertheless of the same shape and objectivity, but are invisible to one another and separate from one another. On the one hand, they must somehow be superimposed and coherent in the present moment, and on the other hand, they must become decoherent and separated from each other. Consciousness must then be the parallel processing of self-reference in this moment of superposition.

All versions of causal chains must arise from a common point only after an infinite number of steps in the past. The same point in the future must be infinitely further away in time. And the infinite number of uncountable causal chains must be indistinguishable from this point. These three limits must somehow always be met, again to avoid dualism *Nothing* because only nothing can come from nothing, and yet they also have to be everything-making, everything-controlling, and giving life to everything - a seething cauldron of mutually canceling possibilities, which are nothing other than real but separate facts, full of fluctuating potentials , again to avoid dualism. And since they unify all knowledge but are outside of space and time, they must virtualize everything that was, is and could have been, which is distinguishable from incarnation and resurrection. And virtualization must be the unity of knowledge and life. Because since there are no abstract entities, in order to avoid dualism, every life process, every calculation must at the same time be a real process, and every real process must be knowledge.

The image of the lake

What has been said should be illustrated in a picture. The following statements are based on an image that metaphorically illustrates the dynamics of the world and consciousness. It's about that, not the exact one *How* of the world, but rather to name what remains logically consistent when false assumptions are excluded.

The world as a lake

Let's imagine the world as a lake whose surface is in motion. The waves that form on the surface of the water represent the dynamics of space, time, chance and consciousness. This image provides a basis for clarifying the connections between past, present and future as well as the concepts of superposition, decoherence and emergence.

- **The present as a wave crest**: The present corresponds to a single wave crest on the surface of the water. This moment is infinitesimally short and represents the state

in which all versions of the world - the different causal chains - exist superimposed. The wave itself is the visible manifestation of this superposition.

- **The past as a rippled surface**: Behind the wave, in the past, the surface is rippled. Here the previously superimposed versions of the world have separated and become distinguishable. We call this process of separation decoherence.

- **The future as a smooth lake**: Before the wave, in the future, the lake is calm and smooth. This symbolizes the potential of all possible versions that are not yet manifest. The smooth surface represents the virtuality of the world, which only becomes visible through the dynamics of the waves.

- **The horizon as a limit**: The infinitely distant horizon of the lake symbolizes the common origin and end of all causal chains. This point is indistinguishable from the world itself and represents a limit that is both "nothing" and "everything".

Consequences for understanding the world

1. **Rejection of dualism**: Dualism is considered untenable. Either the opposing worlds are strictly separated, in which case they are indistinguishable from fantasy, or they are connected and therefore a single world. The image of the lake confirms the need for strict monism.

2. **Emergence and Relations**: Space, time, abstract objects, chance and consciousness are not independent entities, but rather emergent properties of the relations within a world. The dynamics of wave motion illustrate how these properties emerge from the interaction of the underlying structures.

3. **Chance and consciousness**: Chance and consciousness are interpreted as superimpositions of different versions of identically designed and similar causal chains. The present is the moment in which these overlays are coherent. At the same time, they separate in the process of decoherence and become the curled past.

4. **Limits and "nothing"**: The idea of the horizon as a limit shows that the past and the future converge on one *Nothing* that is nevertheless all-encompassing, all-making and alive. This *Nothing* is indistinguishable from incarnation or resurrection.