

*INBETWEENNESS:*  
ON THE NONDUALITY OF PARTICLE AND WAVE

Sunnie D. Kidd

Waves are very playful. They do a dance of their own. Waves even bend around corners.

We could consider that a particle is a dot and a wave is spread out with crests and dips. But each is the other. A particle is a wave. A wave is a particle spread out. They are two ways of talking about the same thing.

Now if we consider the ocean as an exemplar of waves we see that when the crests of the waves meet the crests of other waves larger waves occur. Most consider a wave as a ridge or swell moving along the surface of the ocean. It is also considered that a wave is a periodic motion or disturbance, as in the propagation of sound or light. But a wave is not. It is that which stands out within the whole. It is movement and vibration of the whole.

When there is a long narrow hollow the water is calm. The interpenetrating patterns are not seen.

The organic view of energy is that which processes information and acts accordingly. Since both waves and humans are organic, each can affect the other. Each is the other. This is beyond the individuality of each wave to patterns of happenings.<sup>1</sup>

Each wave is connected to each other wave. In some places overlapping other waves. In other places canceling each other out. In the first it is intensity. In the second when a crest meets another each is cancelled out.<sup>2</sup>

When we observe something we do not observe it in itself. It is something amplified by our way of perceiving. If a being from another planet with eyeballs on its elbows landed here it would observe from its own way of questioning.

This is interaction. The interaction brings about the reality. This interaction is possible through *Inbetweenness*. *Inbetweenness* is the absolute reality.

Everything is connected to everything else. It is the interaction that creates the change only because of the possibility of *Inbetweenness*. Everything is connected to everything else. There is no center.

What we observe is not the phenomenon in a pure sense but our interaction with the phenomenon itself. The interaction belongs to not the phenomenon or to us. Nothing is independent of us nor are we independent of anything.

To say that something does not have independent existence implies that it does not exist. Nothing exists independent of itself. We ascribe to a given phenomenon certain qualities that do not belong to the phenomenon itself but to our interaction with it. This means that the phenomenon has no qualities independent of us. This is complementarity. It is *Inbetweenness* that gives rise to complementarity which is characteristic of everything. Wave-particle duality does not exist. It is nonduality, two ways of talking about the same thing.

Elsewhere determines what happens here and now. Waves act. Each wave processes information accordingly. Nonlocality is *Inbetweenness*, spirituality.

It is a happening without actualization. *Inbetweenness* is both possibility and reality. It is reality.

Waves are patterns, dimensional patterns where diffraction and dispersion reverse.

*Inbetweenness* is not independently existing. It is a pattern of relationships that reach out to other things. Nothing exists by itself. All that exists is an unbroken wholeness that presents itself as patterns of relation.

It is a web of relationships whose meaning arises from relationships to the whole. The wave function describes movement and vibration, particle and wave.

This speaks to a metaphysics in which each person is connected in some way with everything else and implies a field theory in which no absolute barriers exist between entities and all entities respond within the field of *Inbetweenness*. Leaps to other dimensions are possible in the field of *Inbetweenness*.

Consciousness is coextensive with it. Consciousness is not bounded by the physical it extends throughout existence. This means that subject and object are one. This dimensional view is one of gradients rather than boundaries. Just as waves stand out but are continuous with each other and with the ocean that gives rise to them, in which they emerge. Every wave is simultaneously every other wave.

The world is a flow of activity in which forms appear and disappear in a dynamic living flux whose basic building blocks are formless.

Notes

- 1) Each wave does not go to the same place. We cannot determine the path of individual waves.
- 2) Waves both are. This ontological view is consistent with the wholeness of *Inbetweenness*. It is not either or - nor is it and - it is both.