

CHIRALITY AND RECIPROCITY

OR

WHY YOU CANNOT SHAKE HANDS WITH YOURSELF!

The purpose of geometry is not to describe the objects of your sense perception, but to bring before your mind the faulty relationship that exists between your mind and your sense perception. For example, in his *Timaeus*, Plato called on geometry to provide our blind minds with the walking stick of visual sense perception, because the human mind is too easily deceived by the shadows of reality and tends to believe that the images of sense perception represent the real world. That is the devastating error that Aristotle fell into, and from which the world has never recovered. Then, in his *Republic*, Plato turned to his own artistic imagination to discover the art of reasoning on the nature of such a handicap by demonstrating the illusory aspect of geometry when the truth of reality is projected on the shadowy walls of his famous cave. As a result, it became evident to him that geometric figures could not contain and carry any reality within them, because they are merely shadows of a reality that could only be visible to the mind. This is where the allegory of the cave became the most truthful metaphor for representing the process of knowledge.

However, geometric figures have to have some quality attached to them, other than what is merely their shadowy existence captured by sense perception, for mind to consider them as scientifically valid. This is the reason why Leibniz developed a new form of geometry that he called *Analysis Situs*. Following Leibniz, Riemann further investigated *Analysis Situs* for the purpose of discovering the higher powers of the mind. Therefore, although the geometric shapes of things may be altered through some shadowy projections, or may not even be visible at all, it is the *ontological relationship of their positions*, as faulty as they might appear to be, which must be studied without any consideration to their sizes or their forms. So, therefore, it is this faulty process itself which must become the true study of geometry, not the geometrical shapes in and of themselves. It is in that sense that I will be using *Analysis Situs* for the purpose of studying diverse parts of knowledge and the *relationship of their positions* with respect to the human mind, especially the notions of *chirality* and *reciprocity*.

How does chirality take over the power of inversion in time? Chirality and reciprocity seem to be two principles working together as if they were the two universal principles that connected all of the other universal physical principles.