

The Role of Duality in Scientific Investigation (*Le Rôle de la Dualité dans l'Investigation Scientifique*)

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Abstract. The concept of dualism and duality can be found in all academic disciplines. In philosophy and mathematics, in metaphysics and physics and in the biological and molecular sciences we observe the inevitable pairing and separation of interdependent entities. The abundance and profusion of knowledge in all academic disciplines is enormous which is overwhelming modern society and demands organizational improvements to adapt to the new norms of our Information Age. There is a critical demand for an “economy of knowledge” and for students who must “learn to learn.” Reflecting on my role as an educator I feel that it is imperative to address this problem of information overload by introducing a new academic discipline called Dualogy. My definition in French: *La Dualogie est une discipline philosophique et une méthodologie d'apprentissage pour appréhender la complexité du réel. Elle s'appuie sur un principe fondamental dénommé: dualité.*