

My Books:

[The World In Your Head: A Gestalt View of the Mechanism of Conscious Experience](#)



Publisher: [Lawrence Erlbaum Associates](#)

This book presents a modern reformulation of Gestalt theory based on the philosophy of *indirect realism*, i.e. that the world you see around you is not the world itself, but merely an internal replica of the external world generated by perceptual processes in your brain. This reveals the primary function of visual perception to be the generation of a fully spatial virtual-reality internal model of the external world.

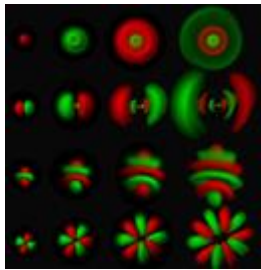


[The Boundaries of Human Knowledge: A Phenomenological Epistemology.](#)

This book explores the boundaries of human knowledge, beginning with the root of all human knowledge which is our conscious experience of the world.

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[Harmonic Resonance In The Brain: Spatial patterns in perception and behavior mediated by spatial standing waves in neural tissue.](#)



This book presents the Harmonic Resonance Theory of neurocomputation, explaining how the spatiotemporal patterns that we experience in visual perception, as well as in dreams and hallucinations, and the spatiotemporal patterns of muscular contraction and extension observed during locomotion, are expressed in the brain and nervous system as spatiotemporal standing waves and travelling waves, and this is what accounts for the symmetry and periodicity in human aesthetic preference, music, and dance. These resonances are seen already in the simplest creatures as a synchronized waving of cilia in the paramecium, the wave-like walking pattern of the centipede, and the sinusoidal oscillations of a slithering snake or swimming eel.