

Review of: "Concept of introverted space: is extroverted, multidimensional space an illusion?"

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Potential competing interests: No potential competing interests to declare.

This is a study based on many complex suspect assumptions. General relativity and quantum mechanics are based on 4-D spacetime, not simply on space. These theories utilize tensor fields, not vector fields, because tensors are Lorentz invariant and vectors are not (they are merely components of tensors). General relativity characterizes gravity as the tidal forces that arise from objects moving along geodesics in spacetime. I agree with what the author characterizes as an extroverted multidimensional spacetime; it is an illusion of sorts, as it is just an artificial characterization utilized to explain our environment. Introverted space, on the other hand (the distances between objects or particles, also known as spacetime intervals), is a different matter. As Einstein mentioned in his introduction to special relativity, line elements (spacetime intervals) underlie the construction of all objects in spacetime.