

Author's Note

A Few Words of Explanation for the Readers

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Abstract

These articles interpret recent developments in physics in terms of the principle of equivalence and the role of the observer. This interpretation shows the consistency of these new scientific concepts with timeless concepts of non-dual metaphysics. Toward that goal, these scientific ideas are correlated with the testimony of truth realized beings, such as Nisargadatta Maharaj.

Key Words: new physics, holographic principle, non-commutative geometry, cosmology, consciousness, non-dual metaphysics, role of the observer.

The physics presented here is pretty much the usual story that has come out of major university physics research centers in the last twenty years, as illuminated by such luminaries in the modern physics world as Leonard Susskind, Gerard 't Hooft, Raphael Bousso and Tom Banks. These recently developed concepts include the holographic principle, horizon complementarity, the one-world-per-observer paradigm of modern cosmology, and non-commutative geometry. No overarching theory is presumed to underlie this new physics, and an argument is made that an overarching theory is not even possible. There can be no theory of everything since that would fail to recognize the role of no-thing. Physics simply fails to recognize the role of the observer. Often unrecognized in the principle of equivalence is the freedom of the observer to enter into any possible frame of reference, and that freedom is constrained in any overarching theory.

The only new thing discussed in these articles is the way this new physics is interpreted. The purpose of these articles is purely interpretation. Since this new physics may appear unfamiliar to the reader, a fair amount of time is spent on exploring the ideas with the goal of presenting the ideas as clearly as possible. Any misrepresentations of the ideas are solely the fault of the author.

The only real goal of these articles is to give an interpretation of this new physics in terms of the role of the observer and show the consistency of these new scientific concepts with the timeless concepts of non-dual metaphysics. Toward that goal, these scientific ideas are correlated with the testimony of truth realized beings, such as Nisargadatta Maharaj.

The style of the writing in these articles is to say things in a definitive way. It is best if the reader keeps in mind that these articles are only an interpretation of the science. However, everything these articles have to say about the role of the observer is consistent with the testimony of truth realized beings. To the extent that words can ever be definitive, this testimony is probably as definitive as we can be about this subject. The correlation of this testimony with these new scientific concepts is the only real purpose of these articles.

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