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The scientific method & developing cosmology: A revisited study

The scientific method is regarded as a reliable method to falsify theories of cosmology from a chronological perspective. Such an approach has led scientists to revisit the current theories of cosmology and match it with recent observations, as an indicator to emphasize their validity. From this perspective, an application of the scientific method to enable a researcher to reveal apparent anomalies that observed due to meticulous observations. Thus, a gesture of skepticism has been emerged to find out suitable formulas to explain the recently observed ones. Accordingly, this type of perception requires a new paradigm shift of implementing different types of geometry to quantify the apparent astronomical phenomena. Yet one of the advantages is searching for a promising geometric model that may be eligible to unify biology and cosmology. This is clear by displaying the glimpses of astrobiology, in order to comprehend the origin of life. This trend of thinking will pave the way to search for defining a new principle of thinking based upon geometrization of nature.

Biography

Magd E Kahil obtained his Ph.D. from Cairo University in 2002. He is an Associate Professor of Space Science at Modern Science and Arts, Giza, Egypt and a visiting faculty at Nile University, Giza, Egypt. His main interested is studying the problem of motion in alternative theories of gravity, especially theories admitting higher dimensions or bi-metric theories of gravity. He also believed in the necessity to do researches in parallel with his current field, in multidisciplinary studies as introducing a new phase of Econo-physics to be expressed by presenting the concept of geometrization of the economy as well as in extending the concept of geometrization to include biology. He has published 28 papers in different journals and has been serving as a reviewer in several scientific journals.

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