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Spinning and spinning deviation equations for a special class of strong theory of gravity

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The problem of motion for spinning and spinning deviation objects is regarded as one of the candidates to examine the stability of spinning and processing objects orbiting in strong gravitational fields. Such an approach can be derived using a special type of the Bazanski Lagrangian defined in a class of strong theory of gravity. From this perspective, it is essential to revisit different methods for testing stability for rotating objects in strong fields. This may be applied to examine the stability of stellar objects orbiting SrgA.

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.

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