

The Modern Physics of Compact Stars and Relativistic Gravity

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Braneworld Black Holes Solutions: Quasar Luminosity Variation

As far as there are many non-answered questions in fundamental physics, namely Astrophysics, a great variety of theories are viable and still acting as a candidates of a true theory. One of well defined and progressed class of this theories are extra-dimensional brane-world models. Besides they are answering many of fundamental problems, for instance hierarchy problem, they have predictions which can be a matter of test. In our work, we found and investigated brane-world induced horizon correction which have impact on the quasars luminosity, and therefore can be measured and detected.

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