



## **Important Fundamentals of Mathematical Physics Have Been Found to be Misapplied to Concepts of Gravitational Lensing**

*Historically, the only observable light bending effects on rays of light have been virtually those effects that are due to an indirect interaction, not a direct interaction with gravitation. The thin shell of the sun's plasma is such an indirect interaction between the gravitational field of the sun and the rays of star light. Convincing Astrophysics evidence shows that a direct interaction is yet to be observed.*

Greenbelt, MD, October 17, 2007 --(PR.com)-- The author, Dr. Edward Henry Dowdye, Jr., announces his new findings in this press release and the upcoming signing of his book on the Extinction Shift Principle, a pure classical emission theory, which successfully predicted the recently discovered phenomenon concerning the interaction between gravitation and electromagnetism.

Recent findings in modern Astrophysics convincingly show that important fundamental principles of Mathematical Physics have been consistently misapplied to the gravitational lensing concepts. The evidence shows that microlensing is merely a failed attempt to explain the lack of observation for macrolensing. Moreover, the fundamentals clearly show that a co-linear alignment of the observer, the lens and the source is not required for the observation of a gravitational light bending effect, as suggested by the light bending rule of General Relativity. The stellar sky presents vast opportunities to modern Astronomy and the night sky watchers to allow for the detection of lensing events due to the vast numbers of stellar objects that just happen to be in a near perfect line-of-sight to the observers; again of course, assuming the validity of the light bending rule of General Relativity. With this in mind the whole celestial sky should be full of Einstein-rings.

Pure classical research in the area of an emission theory predicts there can be absolutely no direct interaction between gravitation and electromagnetism. Convincing astrophysical evidence supports this theory. The Extinction Shift Principle, a pure classical alternative to the Special and General Relativity theory, successfully calculates the planet Mercury and the PRS 1913+16 binary neutron-pulsar star system. The classical theory obtains the very same numerical results as Relativity, but for a pure classical reason. For instance, the 1.75 arcsec solar light bending results obtained by the Extinction Shift Principle is due to an indirect interaction (not a direct interaction) between the gravitation of the sun and the rays of star light. The theory calculates the direct interaction between the thin solar plasma of the sun and the star light.

It is for this very reason the author chooses to note that the important fundamentals, such as the fundamental principle of the analytical Gaussian Surface Law, applied to gravitation as well as to electromagnetism and the fundamental principle of optical reciprocity, have both been virtually ignored or misapplied. These fundamental principles clearly show that a co-linear alignment of the observer, the lens and the source is totally unnecessary for any observation of a light bending effect, as would be predicted by the light bending rule of General Relativity.

The author will discuss this topic in a short presentation during an upcoming booksigning and short



presentation scheduled for Saturday, November 3, 2007 from 2:00PM till 3:00PM at Reiter's Scientific & Professional Bookstore. The Reiter's bookstore is located at 1990 K Street NW, Washington DC (entrance on 20th Street.) Detail: <http://www.Reiters.com>

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