

THE SECRETS THAT NATURE REVEALED
IN THE FAMOUS
TOTAL SOLAR ECLIPSE OF 1919

ABSTRACT

Astronomical physical phenomenon is reviewed and alternate interpretations are proposed.

KEYWORDS

Aryabhata of India, Double-Slit Experiment, Earth, Einstein, Gravity, Heraclides of Pontus, Isaac Newton, James Carter's Gravity, Medieval Islamic Astronomers, Moon, Pound-Rebka Experiment, Relativity, Sagnac Experiment, Sun, Totality, Universal Gravitation, Varahimihira of India, Wrong Stars

Electromagnetic Radiation (including visible white light) bends in **CONVEX** lines **AROUND** the Sun according to every scientific testing by the most sophisticated scientific instruments. However, Einstein's Geometric Gravity "predicts" for starlight to bend in **CONCAVE** lines **TOWARD** the Sun. Therefore, the famous Total Solar Eclipse of 1919 actually "disproved" Einstein's Theory of General Relativity.

The Moon has an apparent movement due to the rotation of the Earth. The Moon has an actual movement – translating through space. Any Solar Eclipse (and any Lunar Eclipse) differentiates between apparent and actual movements. It is revealed that the Moon's actual movement is **RETROGRADE** to the rotation of the Earth. This is **NOT** episodic as in the planets. This is **NOT** virtual as in the planets. This is continuous and permanent.

If the Moon were a **PROGRADE** natural satellite, then the eclipse would linger much longer and be seen by more people around the globe.

Nature duplicates two well-known scientific experiments: Thomas Moore's Double-Slit Experiment of 1804 and Georges Sagnac's Ring Interferometer Experiment of 1913. The "shadow bands" at TOTALITY are the *INTERFERENCE PATTERNS* of the Double-Slit Experiment.

The Sagnac Experiment is duplicated as the Earth rotates as a H-U-G-E Ring Interferometer. The moment of TOTALITY is NOT observed simultaneously by all observers. Rather, the *WESTERNMOST* observers see TOTALITY first because they are traveling the fastest toward the Sun. Some observers are nearer to the Sun but are traveling transversely. The *EASTERNMOST* observers are both farthest away and receding from the Sun.

The **WRONG STARS** appear at TOTALITY. These **WRONG STARS** belong to another season and are *OUT-OF-PHASE* by six months. If the Earth were not rotating on its axis, the BRIGHT STARS OF TOTALITY would be the **CORRECT STARS** for the season. Therefore, the assumption of Heraclides of Pontus (387 B.C. – 310 B.C.) and Aryabhata of India (500 A.D.) is confirmed. The assumption of certain later Medieval Islamic astronomers is confirmed. The assumption of the Rotating Earth is confirmed.

The RETROGRADE movement of the Moon offers conflicting physical evidence to Isaac Newton's *UNIVERSAL GRAVITATION* of the hypothetical *HIDDEN ATTRACTANT FORCE* - a paradigm that was proposed by Varahimihira of India (550 A.D.).

"GRAVITY" is an amalgam of the Sanskrit Language phrase "*ATTRACTED TO/BY THE GURU*". This startling revelation of the Retrograde Moon alludes to more startling revelations to be developed. Either the Moon is a RETROGRADE natural satellite or a fellow planet in a superior revolution.

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The observation that starlight is bent **AROUND** the Sun would support Isaac Newton's Corpuscular Theory of Light, but only if Universal Gravitation and the Hidden Attractant Force were a "given". (The RETROGRADE Moon gives conflicting evidence). Therefore, other models must be considered. Newton's model is eliminated and Einstein's model is also eliminated. James Carter's Gravity is the most viable candidate. James Carter unknowingly and accidentally

duplicated the Pound-Rebka Experiment of 1949/1950 at Harvard University which employed the Accelerometer.

The famous Total Solar Eclipse of 1919 revealed that the propagation and transmission of light is affected by the Sun, but in a manner that is inconsistent with the predictions of Einstein's Theory of Relativity. Secondly, it revealed that the Moon is moving in a manner that is inconsistent with Newton's Celestial Mechanics. Thirdly, it confirmed Moore's and Sagnac's famous experiments which strongly infer the presence and operation of a medium-of-exchange. Lastly, it confirmed the assumption of the Rotating Earth.

