《Magneton Theory Commentary Universe Mysteries》 existing thesis: 《1. Photon Structure》, 《2. Photon Characteristic》, 《3. Photon Birth And Death》, 《4. Coronal High Temperature Origin》, 《5. Fermi Bubble Form Cause》, 《6. Stellar Spin Reason》, 《7. Black Holes Not Exist》, 《8. Cosmic Dust Source》, 《9. Milky Way Substance Loop》, 《10. Photon Trajectory Bend Experiment》.

All thesis already released in vixra and China preprint system.

All thesis latest revision already released in http://user.qzone.qq.com/3036688257/2.

Magneton Theory Commentary Universe Mysteries -- 10. Photon Trajectory Bend Experiment

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Abstract:

Photon、dark matter、electromagnet wave conduction medium、cosmic dust, between them inner link is a urgent research major issues. Photon characteristics research is bear brunt.

In 1919, British scientist Eddington organized a total solar eclipse big observation. Observed data confirm that photon trajectory is arc. From then on, opened the relativity era.

Magneton Theory think, photon trajectory bend is photon spin and environmental magnet field combined action result. According to Magneton Theory, conceived a new experiment. This experimental results exact simple proved following conclusions:

1. In most cases, photon trajectory is arc.

2. Photon trajectory curvature radius inversely proportional to beam frequency.

3. Under special conditions, photon trajectory is straight line.

4. Photon trajectory bend has nothing to do with gravity.

This experiment would prompt world to re-examine the relativity. This experiment will also

open physical theory new era.

Key words:

Total solar eclipse, Photon trajectory, Laser emitter, Compass

0. Foreword

Photon、dark matter、electromagnet wave conduction medium、cosmic dust, between them inner link is a urgent research major issues. Photon characteristics research is bear brunt.

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1. Experimental According

Magneton Theory think：

1. Photon spin makes photon trajectory to be arc. Arc curvature radius inversely proportional to photon spin speed.

2. Photon beam frequency proportional to photon spin velocity. Photon trajectory curvature radius inversely proportional to photon beam frequency.

3. Photon has magnetism. Photon magnet pole are at photon spin axis both ends.

4. Photon has electrical property. Photon carry with negative charge, abidance right hand spin rule. Right hand spin rule is that, right hand thumb pointing to north pole, four finger bend direction pointing to spin direction.

2. Experimental Conceive

In compass vertical direction, on earth surface straight line, earth magnet field direction perpendicular to this line, also parallel to horizontal plane. When photon move on this straight line, photon magnet pole perpendicular to photon move direction, also parallel to horizontal plane. Thus, photon spin axis perpendicular to photon move direction, also parallel to horizontal

plane. So, photon trajectory curved upward or downward. Due to, photon spin direction fixed invariant. So, move direction opposite two photon, trajectory bend direction opposite, trajectory necessarily not overlap.

On this straight line, two laser beam aim at each other. Two laser spot center align to each other's luminous hole center.

If, two laser beam center line not overlap. Can prove, photon trajectory is arc.

If, not overlap distance proportional to laser frequency. Can prove, photon trajectory curvature radius inversely proportional to photon beam frequency.

In compass parallel direction, on earth surface straight line, earth magnet field direction parallel to this line, also parallel to horizontal plane. When photon move on this straight line, photon magnet pole parallel to photon move direction, also parallel to horizontal plane. Thus, photon spin axis parallel to photon move direction, also parallel to horizontal plane. So, photon trajectory not curved. Therefore, move direction opposite two photon, trajectory necessarily overlap.

On this straight line, two laser beam aim at each other. Two laser spot center align to each other's luminous hole center.

If, two laser beam center line overlap. Can prove, photon trajectory is straight line.

Also can prove, photon trajectories bend has nothing to do with gravity.

3. Experimental Equipment

One compass. Two sets 650nm laser emitter. Two sets 532nm laser emitter. Two sets 450nm laser emitter. Laser emitter power, 200~10000mw. Laser emitter range, 1000~10000m. Laser emitter focal length is adjustable, light spot the smaller the better. Four sheets target plate, diameter 1~10m.

4. Experimental Procedure

Experimental Procedure 1

Laser emitter is fixed on target plate. Laser emitter luminous hole center are coincident with target plate center. Laser emitter beam perpendicular to target plate plane.

On compass vertical direction straight line, face to face install two sets 532nm laser emitter. two sets laser emitter away from 1000m~10000m.

At dark night, two sets laser emitter spot center aim at each other's target plate center. Ensure, two sets laser emitter spot center and luminous hole center all on same straight line.

Then, in two sets laser emitter middle erect a piece two-sided concentric target plate.

On two-sided concentric target plate, two laser spot center not overlap. Thus prove, laser trajectory is arc.

Experimental Procedure 2

Use two sets 450nm laser emitter, repeat experiment procedure 1.

On two-sided concentric target plate, two laser spot center distance increased. Thus prove, laser trajectory curvature radius inversely proportional to laser frequency.

Experimental Procedure 3

Use two sets 650nm laser emitter, repeat experiment procedure 1.

On two-sided concentric target plate, two laser spot center distance narrowed. Thus prove, laser trajectory curvature radius inversely proportional to laser frequency.

Experimental Procedure 4

On compass parallel direction a straight line, repeat experiment procedure 1.

On two-sided concentric target plate, two laser spot center overlap. Thus prove, laser trajectory is straight line.

Thus also proved, laser trajectory bend has nothing to do with gravity.

5. Experimental Conclusion

Experimental result obtained following conclusions :

1. In most cases, laser trajectory is arc.

2. Laser trajectory curvature radius inversely proportional to laser frequency.

3. Under special conditions, laser trajectory is straight line.

4. Laser trajectory bend has nothing to do with gravity.

6. Epilogue

This experiment would prompt world to re-examine the relativity. This experiment will also open physical theory new era. This experiment far-reaching significance. If you interested in physical theory. Welcome you join this experiment.