- The Flat earth theory
- & the Relativistic geometer .

- By Faisal Rahman

Introduction

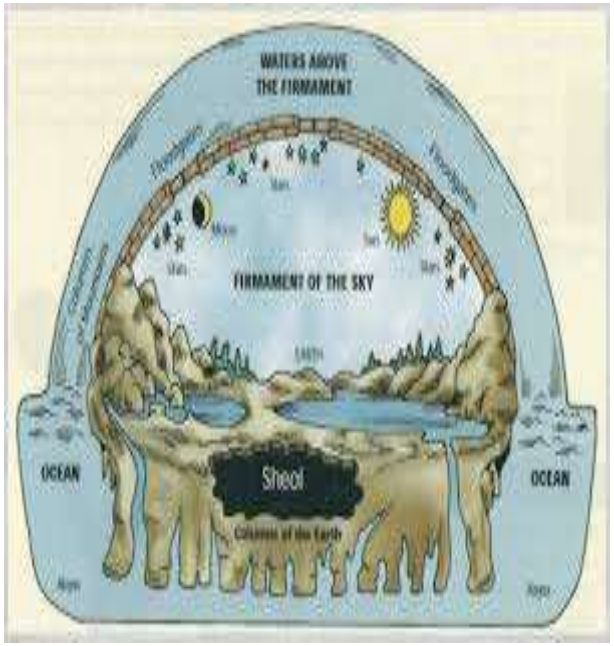
- Flat earth is an ancient theory That says earth is flat like a disk .
- This view was held by ancient Indians ,Greeks ,Egyptians.

- Ancient religions support the idea that the earth is flat . (1)

And the earth We have spread out (like a carpet); set thereon mountains firm and immovable; and produced therein all kinds of things in due balance. (Quran:15:19)

He Who has, made for you the earth like a carpet spread out; has enabled you to go about therein by roads (and channels); and has sent down water from the sky." With it have We produced diverse pairs of plants each separate from the others. (Quran:20:53)

therefore The Quran believes that the earth is flat.



- 1 Chronicles 16:30: “He has fixed the earth firm, immovable.”
- Psalm 93:1: “Thou hast fixed the earth immovable and firm ...”
- Psalm 96:10: “He has fixed the earth firm, immovable ...”
- Psalm 104:5: “Thou didst fix the earth on its foundation so that it never can be shaken.”
- Isaiah 45:18: “...who made the earth and fashioned it, and himself fixed it fast...”
- The bible also says the Earth is flat.

- So is it that ancient people were ignorant or we have gone through a reduction of knowledge since the renaissance?

Modern flat earthier

- "There are rivers that flow for hundreds of miles towards the level of the sea without falling more than a few feet — notably, the Nile, which, in a thousand miles, falls but a foot. A level expanse of this extent is quite incompatible with the idea of the Earth's convexity. It is, therefore, a reasonable proof that Earth is not a globe."
- "If the Earth were a globe, a small model globe would be the very best — because the truest — thing for the navigator to take to sea with him. But such a thing as that is not known: with such a toy as a guide, the mariner would wreck his ship, of a certainty!, This is a proof that Earth is not a globe.” (1)

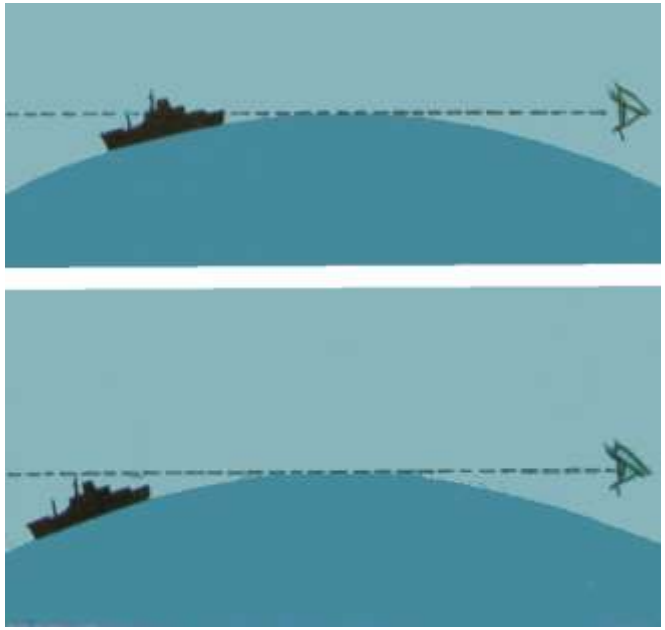
- These are the two arguments put forward by modern flat earthier.
- Along with the Bedford level experiment.(2)

Topic

- The author of this thesis opines that spherical earth is a limiting case of a higher dimensional flat earth.
- A Geometer travelling in the speed of light will measure a flat earth.
- Curvature of earth is a function of time dimension..

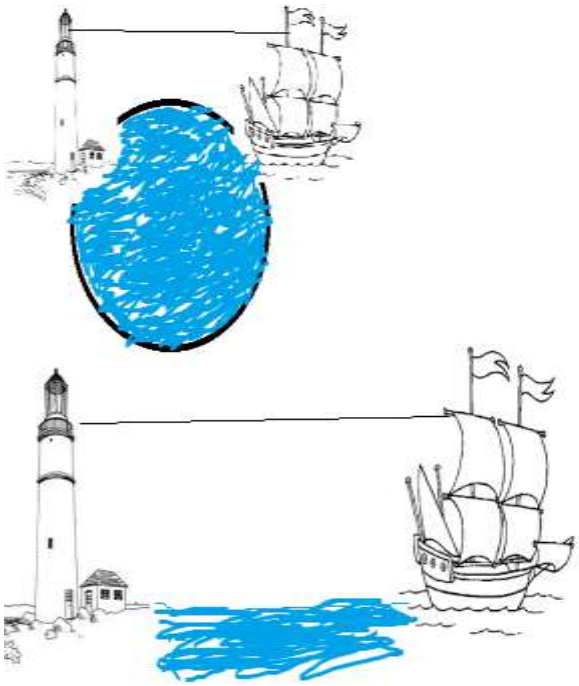
Ocular demonstration and relativity

- If any body has been next to a port , or just strolled down a beach and stared off vacantly into the horizon, he might have, perhaps, noticed a very interesting phenomenon: approaching ships do not just “appear” out of the horizon (like they should have if the world was flat), but rather emerge from beneath the sea.



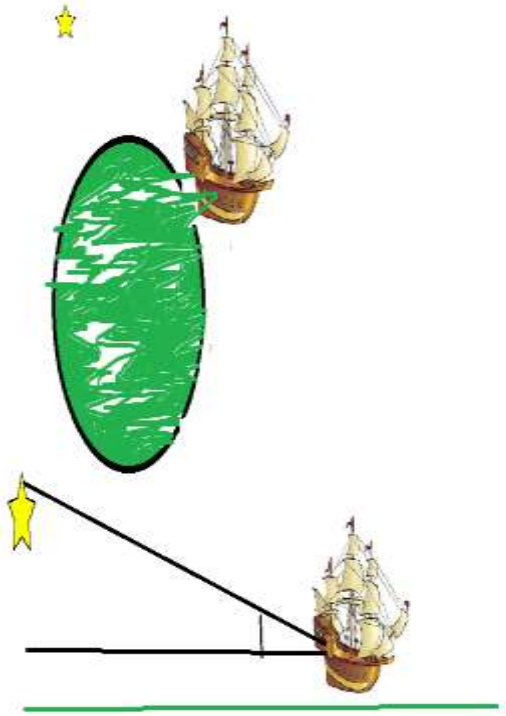
- But The author has objection to this evidence of a round earth . It is simply that the ship is not travelling in the speed of light**.**
- What if the ships travelled in the speed of light would not they just appear out of the horizon ?
- It is plausible that a Relativistic traveler would see the earth as flat.

- Suppose there is light house on 0 degree longitude and a ship started from this point at speed C, precisely at 12 clock night.
- Now at light speed the time will be static ; the ship will see the light ray that emitted by the light house for the eternity.
- Then the light is traversing in straight line and the geodesic becomes straight line.
- The earth appears flat when the time is 0.



- On a round earth altitude of stars depend on the curvature and also motion of time is measured by the altitude of stars .
- A ship moving on sea sees deferent position of stars according to its position on earth's curvature and different position of star means different time zone.

- Now suppose the ship is making in the speed of light , after special relativity it's time will be 0.
- Then the motion of the stars from the ships frame of reference would be 0 also.
- Now the motion stars is caused by the curvature of the earth.
- So the curvature =0
- Thus a ship travelling in the speed of light we measure the earth as flat.

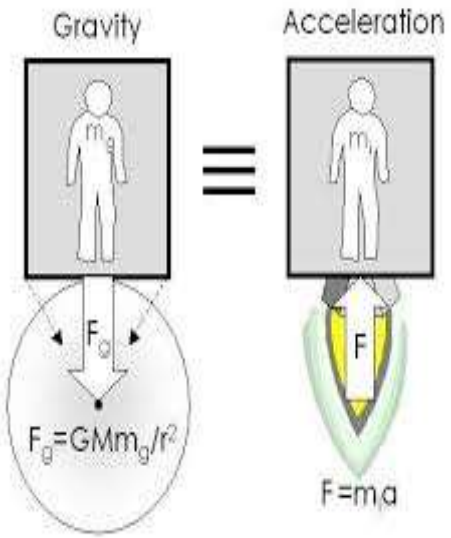


In the 4 dimensions earth is flat like a carpet. But in three dimensions the space is rolled up like carpet , so the earth looks spherical.

A 4^{th} dimensional traveler will see the unfolding of this rolled up space.

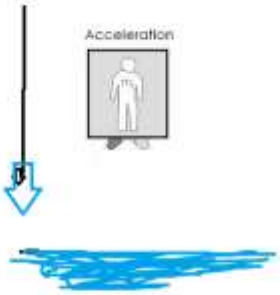
- In General Relativity The observer is coffined inside a box.

- This we can take as postulate that observer is always confined inside a box and does not know what's going out side.
- The observer is ignorant.



- The observer inside a closed box revolving in proper speed around will experience 0 gravity.

- An observer inside a closed box freely fall toward the ground will experience 0 gravity.
- Thus if the observer is closed inside a box he will not be able to say whether he is moving in circular motion or rectilinear motion.



- Therefore it is uncertain whether the earth is round or flat.
- Curvature of earth is an optical illusion. In Higher dimensions the curvature disappears and the earth becomes flat.

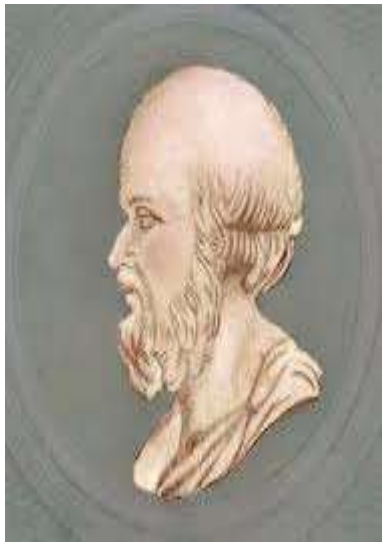
E=mc2

- Now body moving in the speed of light will have infinite mass according to E=mc2.
- So the mass of the flat earth will be infinite because we can say that the space is moving relative to the ship , in lieu of the ship is moving.(principle of relativity).
- Now the infinite mass of the flat earth will bend the heavens upon it. this way the sun will move around the earth.
- This infinite flat earth will be non Euclidic .

- We know that perception of size depends on distance cues if there is no distance cue a body in distance will appear near but reduced in size.

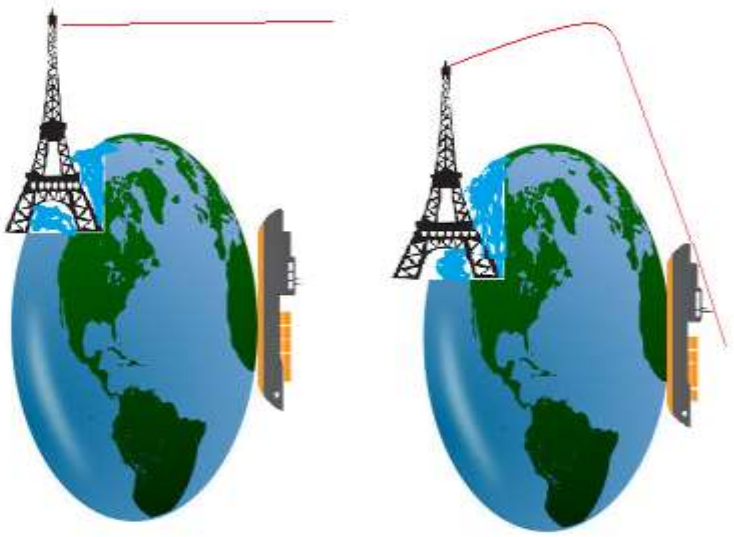
- This can be the fact of a non Euclid flat earth.
- Ships instead of moving away actually becomes reduced in size when they hit the horizon their sizes be come 0 and they go to the other segments of space time.

- Eratosthenes measured the curvature of earth using trigonometry.
- He realized, it is for only practical purpose . The round earth is not the ultimate truth.

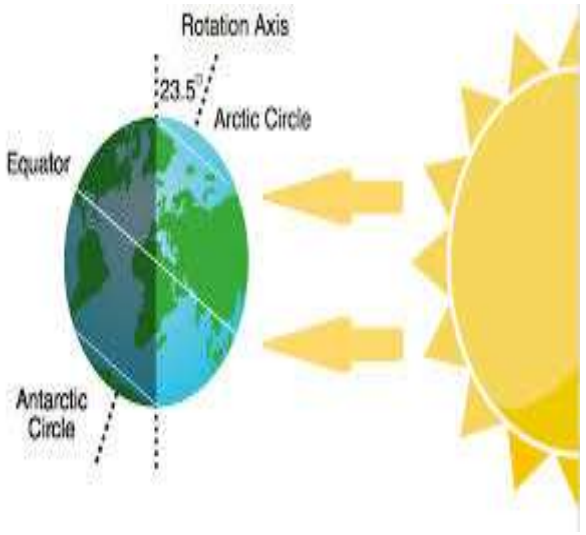


- The Earth appears to be round because light traverse at a straight line at Newtonian motion.

- But when a ship is travelling in relativist velocity , the space time becomes warped due to relativistic effect. And the light follows a curved path , so the Earth appears to be flat.
- In the right diagram of the image , the observer in the ship still can see the tower, though it is beneath the horizon, because of the bending of light trajectory.



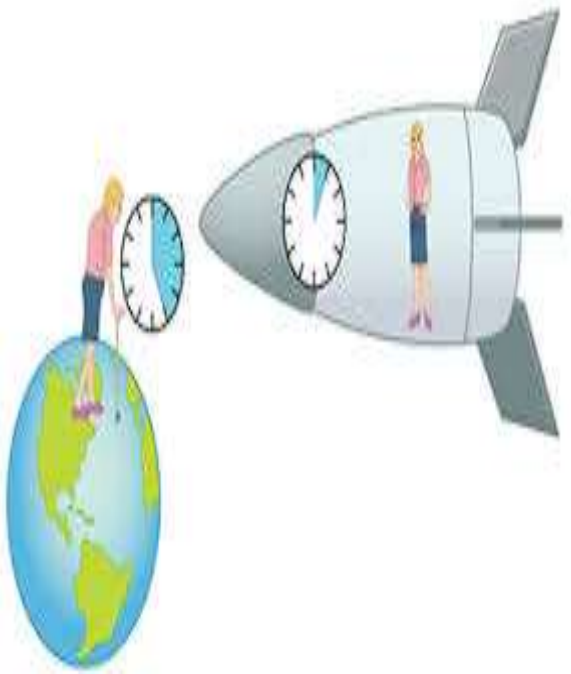
- Our solar system can be represented with a candle and a ball.
- So the solar system is like a toy model , now the question comes, can a scientific truth be so simple as a toy ?
- Or rather, it should be something incomprehensible like the flat earth theory ?



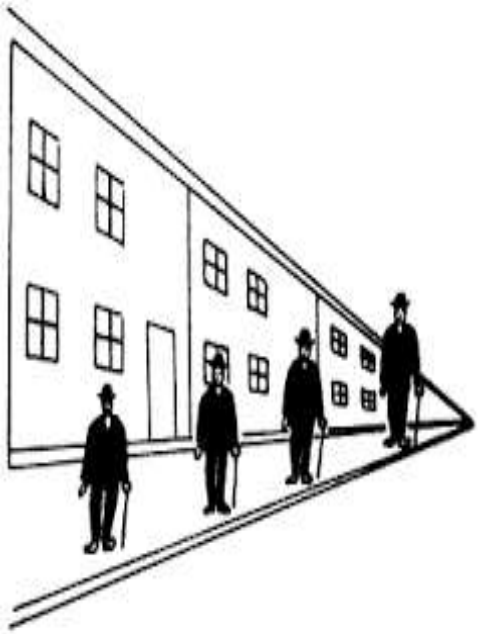
conclusion

- Relativistic velocity on earth will have some special characteristics which are different than the relativistic motion in void.

- Curvature of earth will be 0 and earth will be infinitely flat and non Euclidic.



- Why our perception of space and size is like Relativity ?
- The 4 dimensional flat earth is like an optical illusion . Bodies do not move they become reduced in size while they move between spaces.



Notes

- 1. Flat Earth - Wikipedia, the free encyclopedia
- https://en.wikipedia.org/wiki/**Flat_Earth**
- Wikipe
- 2. Bedford Level experiment - Wikipedia, the free encyclopedia
- https://en.wikipedia.org/wiki/**Bedford_Level_experiment**
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