

## IS POINCARÉ'S LAW FOR THE ROTATION OF AXES OF HEAVENLY BODIES WRONG?

The first warning

About fifty years ago the pyramid model was launched by Stephan Denaerde. In one of his personal discussions with me about the pyramid model revealed the purpose of the model.

[Explanation pyramid model](#) . The statement of being aware of, is as follows:

Due to the Sun's sudden changes in diameter the rotation axis of Earth could make a sudden shift. Perhaps that severe that the Earth axis and therefore the whole Earth, could tilt over  $180^\circ$  or another possibility could change to  $90^\circ$  getting the equator over old poles and the new pole axis in the solar equatorial plane . Imagine the last, our 24 hour cycle of day and night does not exist any longer. Only the seasonal cycle will be there. Antarctica is in the Earth equatorial plane with the opposite, the sea at the old North pole. Every half year Antarctica is in the tropics followed the next half year by the North pole in the tropics and total darkness at other semi spheres. No ice caps will be there and parts of Asia and North America are always in the dark. Something similar for South America. Only small strokes of the continents have some twilight every half year.

Well perhaps due to the ellipticity of Earth there is an end position not exactly at the old equator plane but due a wobble the new position of the axis becomes  $5^\circ$  from (up or down) the solar equatorial plane.

Any road the idea is shocking enough. However, is it really possible? If the question is put correctly, the answer is yes but it may only be valid as a potential. There are many considerations to make before this potential becomes a reality itself. And further what can mankind do about it?

However let us first consider the sciences of the 20<sup>th</sup> century. Poincaré as a mathematician proved that all planetary orbits around the sun, even if the onset of the orbits had some ellipticity, then in the end they relaxates to circular orbits all together because gravity of all the eight big planets influenced each other. What has this to do with the rotation axes? Only that these are independent from orbital relaxation and still if the sun pulls suddenly the rug of the equatorial plane then the axes of any planet are not changing which is due to Newton's law of conservation of angular momentum because there is no coupling between orbital changes and the one of the axis. In other words the axes are absolute in their orientation to empty space around these which is correct for non relativistic gravity fields such as our Sun.

Well this explanation of empty space is correct except in the case that there may be an invisible let us say non relativistic medium carrying gravity instead of the gravity as Einstein states is due to the space time curvature of empty space itself. In case gravity is carried by this medium, the picture changes completely and in the theory the physics of gravitational levitation ([pilot experiment g-levitation](#)) it is shown that there is a ultra fast or ultra light of medium of dark matter that could behave as the pull of a solar rug to any rotational axis of a planet. But if the rotation axis is already in the plane of the solar equator then any solar shift

cannot influence the axis or the axis is not sensitive to sudden solar changes in diameter. ( [precession shift Earth rotation axis](#) )

Above is only a statement of a possible potential for rotation axes that the theory of dark matter predicts. The theory may be valid but it is as yet not observed that such a ultra light dark matter medium exists and the question is how can it be observed to be proven? So one needs an experiment to show this ultralight and ultra fast medium is a reality. Another remark is, can one prove the existence of solar radial quantum contractions and so these quantum shifts become real? [solar quantum shift](#)

*Conclusion: At the moment there is enough doubt if a precession shock of the rotation axis of Earth becomes a reality or not. It is not because of the non-existence of an ultra fast carrier medium of dark matter, a medium not sensitive to electromagnetic interaction. It is because the hypothesis of the solar quantum shift is not complete and is awaiting the proof of the existence of this medium by the proposals of experiment for gravitational levitation. [pilot experiment g-levitation](#) .*