

The fatal mistake

A memo to NPA members

Most NPA people regard Einstein's etherless theory as absurd, since multiple time concepts and elastic space and time are produced. Many members have tried to disprove relativity. However, in my opinion, the most fundamental and important mistake has *not* been recognized. **This important error is the use of sound waves as a model for light waves.** Sound waves oscillate and propagate in the same direction. Light waves oscillate in two dimensions orthogonal to the direction of propagation. *Ether-wind inside the plane of the wave-front cannot change orientation of the same plane, since the ether-wind has the same effect in all points.* Consequently, speed only and not direction in light depends on the ether-wind. Light moves from the ether of our sun into the ether of our planet without wave-front bending. This fact is supported by the extreme resolution in images of fix stars. Stellar aberration contains therefore no information about the ether. Stellar aberration disappears if data are transformed from the frame of our planet to the frame of our sun. The entrained ether is therefore *not* refuted by stellar aberration.

Since the ether-wind influences only *one* dimension in light wave-front bending is possible only due to a gradient in longitudinal ether-wind. This fact can explain the small light bending near the Sun.

Einstein regarded stellar aberration as an evidence against entrained ether as documented in [1]. In the same letter he also stated that entrained translation

without entrained rotation is impossible. Einstein motivated this statement by applying potential theory to the ether although, according to Einstein, the ether did not exist in 1905. In 1926 the ether came back, however without velocity. This statement is contradicted by the compensation for Sagnac effect used in the Global Positioning System and by the fact that rotating planets appears to generate not rotating gravity fields.

These ideas were presented to NPA 2005 in [2]. The following is a citation from [2]: *When light moves from a Sun-dominated ether to an Earth-dominated ether, the plane of oscillations most probably is conserved. There is no reason to assume this plane of oscillations to change [orientation] according to ether changes inside this plane.*

More information is available at my personal page at NPA [3] and at GSJ [4].

References at Internet:

- [1] www.wbabin.net/physics/traill5e
- [2] The generated ether on [3]
- [3] www.worldsci.org/people/john-erik_persson
- [4] www.wbabin.net

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