Speed of Light is not a Natural Constant (but representing planet earth as 2-dim-clock)

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Abstract

As discussed in previous papers¹, todays definitions of base quantities Length and Time (spacetime) by BIPM² are "wrong" due to an faulty reasoning by Einstein. Here it will be briefly summarized how the 5-dimensional space-time as a "measuring instrument" determines the properties of space-time. It is then briefly shown that the speed of light is not a natural constant, but how it is derived from the only natural constant (the circle number π) by radius of the earth and rotational speed of the earth.

1 Speed of light as geometric property of cartesian Space-Time

Einsteins definition of time and space contains an inadmissible circular definition for time and that is why we have so far directed an "irrational" view of the universe. We look at the universe from a perspective outside the universe with our previous "theories". From the point of view of a God who

still stands above our universe and would be omnipotent in relation to it.

This inadmissible premise can (must) be corrected by a rational mutual definition of the three concepts "space", "time" and "movement" in the sense that a "circle" does not represent a surface, but the rotation of a body in space around an axis of rotation. The "circle" thus becomes the concept of "movement" and nominally defines the relationship between space and time in the form

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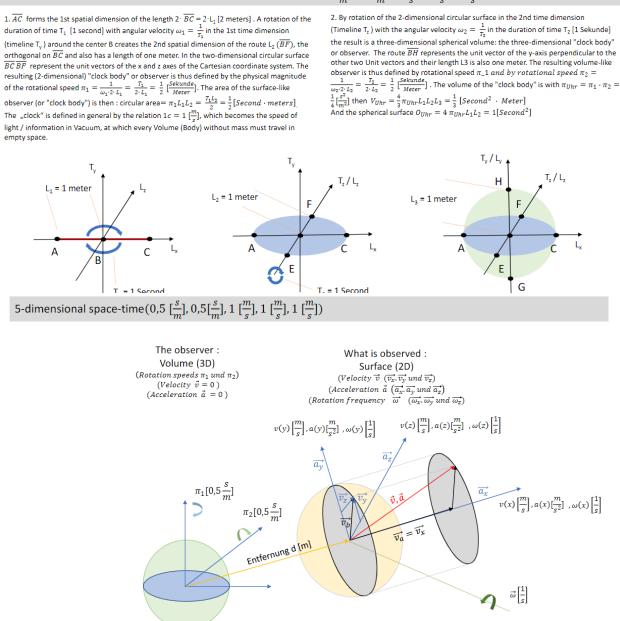
¹ <u>https://vixra.org/abs/2101.0170</u>; <u>https://vixra.org/abs/2112.0146</u>

² <u>https://www.bipm.org/en/measurement-units/si-base-units</u>

$$\pi [rotational speed] := \frac{one(1) unit (second) of Time (T)}{one (1) unit (meter) of Length (L)}$$

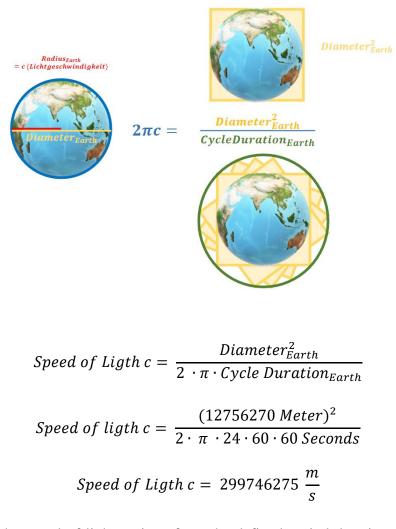
Thus, "space-time" can be understood as "activity" (mental movement) with which we construct the desired Cartesian space, because without a circle, i.e. without movement, we cannot "construct" an orthogonal coordinate system in which we could calculate a "space" volume as the primary physical property of bodies as L^3 [m^{3].} Furthermore, only a standardized and nominally defined (volume) observer can be our basic objective measuring instrument.

Construction of the 5 dimensional "clock body" or "observer" $(0,5 [\frac{s}{m}], 0,5 [\frac{s}{m}], 1 [\frac{m}{s}], 1 [\frac{m}{s}], 1 [\frac{m}{s}])$



2 Experimental evidence: The speed of light in a vacuum

The fact that the definition of space and time used today is wrong can be tested experimentally in a variety of ways. To illustrate the geometric properties of space-time, it can be shown, for example, that the speed of light in a vacuum, which we "measure" and interpret according to today's physics as a "natural constant", in reality represents nothing else than the circle number π and accordingly differs from the originally "arbitrarily" determined sizes of the meter and the second.



The deviation of the speed of light c given from the defined period duration to the ratio of the equator diameter is 0.0154% to the value of the speed of light at an altitude of 299792458 m/s as defined by CODATA (Comitee on Data for Science and Technology).