

## **Foundations of Physics and Mathematics Final Theory of Everything**

### **“What is the speed of light and how to transform the global commercial and financial system with the speed of light“**

**(Why Einstein, Planck, Newton and Aristotle were wrong and how we can step ahead  
into a healthy globalized world)**

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#### **Abstract**

Within “Solution to the Problem of Time I, II, III, IV, V and VI, [1,2,3,4] the author showed the idea to step forward to a new mathematics, that advance on Gödel and Einstein. Today we use irrational mathematics, as we use to think that  $\pi$  should be a number like 3.14... which is irrational, as  $\pi$  is only a representation of a relation between two different physical entities like 1 Apple / 1 Banana = 1 Salad. In this paper we show why and how the speed of light is the only constant in nature and mathematics from which all constants in physics are derived. The last person who knew the meaning of  $\pi$  and the speed of light in the western world context was Sokrates and Jesus Christ.

Stephen Hawking famously said

**If we do discover a complete theory, it should in time be understandable in broad principle by everyone, not just a few scientists. Then we shall all, philosophers, scientists, and just ordinary people, be able to take part in the discussion of the question of why it is that we and the universe exist. If we find the answer to that, it would be the ultimate triumph of human reason — for then we would know the mind of God.**

**A circle ( $\pi$ ) defines the relation between time and space.**

**1 Circumference (time) / 1 diameter (space) =  $\pi$  = 1 (spacetime)**

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$$\text{“speed of light”} = 1 \text{ metre (space)} / 1 \text{ second (time)} = 1 \text{ c}$$

$$\text{“1”} / 1\text{c} = 1 \text{ second} / 1 \text{ metre} = 1 \pi$$

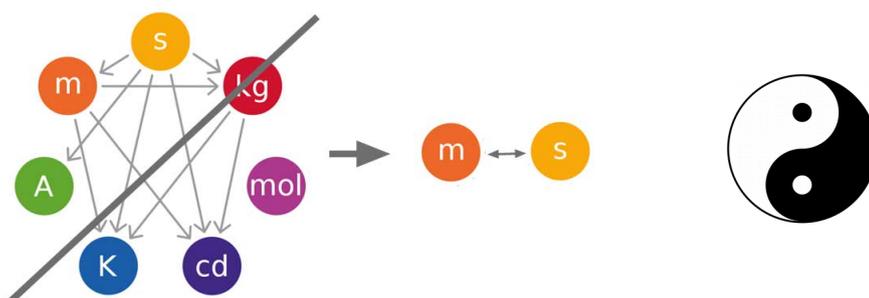
$$1 \text{ second} / 1 \text{ metre} = 1 \text{ circumference} / 1 \text{ diameter} = 1 \pi = 1/c$$

The speed of light defines the relation between space and time and defines the Base SI-System of correct measurement of space and time. With this space and time itself are not connected in 4D Spacetime as Einstein proposed, but it is clear that space is 3-dimensional as well as time is 3-dimensional. The idea of Einstein, that there should be a fixed speed of photons in vacuum or the idea that nothing could travel faster than light is wrong and a stupid idea unfortunately. Why should nature limit the speed of anything to anything and what would be “at rest”. The reason Einstein made this mistake was his misunderstanding of what time in physical reality is so he grabbed an idea that was going around at that time from another scientist and proposed the Theory of special Relativity as well as the Planck-Einstein relation. Both theories (General Relativity and Quantum Theory) are wrong in their fundamental axioms and must be stopped.

After we found the reason for the problem in science today we can correct this and unite into the final Theory by changing the definition of time and speed of light in the Base-SI-System. The universal clock is represented by the geometrical idea of a circle described with the relation between its circumference and its diameter. This is the only constant in nature and only law of nature.

As Einstein believed that “time” is represented by a circle, this is not correct, because the “Relation” between space and time is represented by a circle and connected by the idea of a mathematical concept of  $\pi = 1\text{s}/1\text{m}$

You can proof this in experiments at home : If you look out of the window or into the window, you see that space all around you is 3-dimensional. You cannot see any fourth dimension like “time”. Such time does not exist. Einstein, Newton, Descartes, Kant, and even Aristotle were wrong as well as all churches were wrong. To correct the mistake in our global science , we must change the measurement system as well as our global commercial trade system based on the old and wrong measures. The 7 base-measures must be transformed into space and time only.



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## References

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