

# Time Definition

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**Abstract** For Isaac Newton, time was separate from space and was considered to be a single line, or railroad track, that was infinite in both directions [1]. In addition, in the flat spacetime of special relativity, observers moving at different speeds will have different measures of time [2] since the time shrinks in the state of speed of light that was for Albert Einstein. In addition, I showed that time is inversely proportional to momentum [3]. However, the contraindication between Newton's theory of time and Einstein's special relativity is not resolved. Here I show that Newton's theory explained time in relation to the creator and Einstein's theory explained time for every other individual. If time is inversely proportional to momentum, so time is direct proportional to *static*, but how events happen in the static state without motion? Everything in the universe is rotating about something else until you reach the only completely *static* thing in the universe that generates time to the whole universe. It is concluded that time is the creator and the creator is time. This proves the immortality of the creator. There is no one is immortal other than the creator which proves his existence.

**Keywords:** *time concept, the creator, static state, time travel, the origin of the universe*

**Cite This Article:** Osama Khalil, "Time Definition." *International Journal of Physics*, vol. 5, no. 5 (2017): 154-156. doi: 10.12691/ijp-5-5-2.

## 1. Introduction

Isaac Newton gave us the first mathematical model for time and space in his *Principia Mathematica*, published in 1687. Time was separate from space and was considered to be a single line, or railroad track, that was infinite in both directions. Time itself was considered eternal, in the sense that it had existed, and would exist, forever [1].

If the universe had indeed been created, why had there been an infinite wait before the creation? On the other hand, if the universe had existed forever, why hadn't everything that was going to happen already happened, meaning that history was over? [1]

Based on the Michelson-Morley experiment, the Irish physicist George FitzGerald and the Dutch physicist Hendrik Lorentz suggested that bodies moving through the ether would contract and that clocks would slow down. This contraction and the slowing down of clocks would be such that people would all measure the same speed for light, no matter how they were moving with respect to the ether. (FitzGerald and Lorentz still regarded ether as a real substance) [1].

However, in a paper written in June 1905, Einstein pointed out that if one could not detect whether or not one was moving through space, the notion of an ether was redundant. Instead, he started from the postulate that the laws of science should appear the same to all freely moving observers. In particular, they should all measure the same speed for light, no matter how fast they were moving. The speed of light is independent of their motion and is the same in all directions [1].

This required abandoning the idea that there is a universal quantity called time that all clocks would measure. Instead, everyone would have his or her own personal time. The times of two people would agree if the people were at rest with respect to each other, but not if they were moving. Einstein's postulate that the laws of nature should appear the same to all freely moving observers was the foundation of the theory of relativity, so called because it implied that only relative motion was important [1].

To explain time in different manner, the momentum of the earth or any object is related to the time because of the more the momentum of rotation of the earth around the sun, the less the time we feel on earth and the time produced on earth will shrink and vice versa. The days and years calculation will be the same, but the feeling of the time on earth will go faster. So, you cannot escape from time because every object that circulating about any mass or have momentum in space, it generate time [3].

$$t = \frac{1}{P}. \quad (1)$$

The time is the momentum of space (inversely proportional). Momentum is more precise than speed because the earth is rotating on its axis and that also generate time (days). The mass of any object is added to this equation because it represents the existence of an object in three dimensions and it is affected by gravity of the sun.

If the orbital speed of the earth or any planet increases, the time shrinks and events take more time to happen, but if the orbital speed decreases, the time dilates and events that happen may not take much longer time to happen and maybe the events increase in number.

It is believed that the momentum of any object in space produces time. Without time we cannot have events and we cannot have events without momentum (motion). We can have space but without time we cannot have anything which is believed to be a proof that maybe time is a film that records events. There is no event to happen without motion or movement (momentum). There is no space without time, and there is no time without space in the human perspective.

The origin of the universe is time because without time, the events and motion cannot exist. Thanks to time we can have our impacts on the earth and the universe. However, the only function of space is that it is the place that events happen on it, nothing more and that is for human perspective.

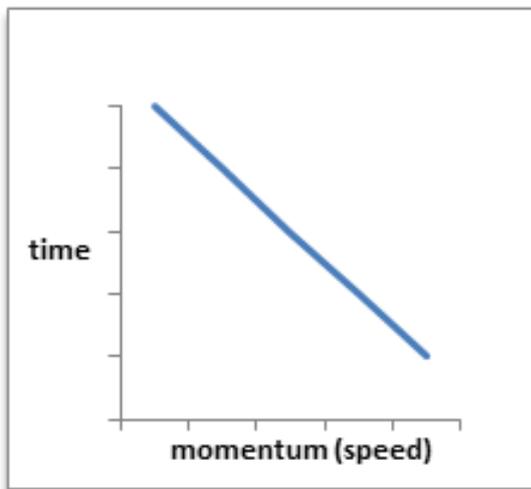


Figure 1. The relation between momentum and time

When Werner Heisenberg formulated his famous uncertainty principle, he noted that Planck's hypothesis implies that the more accurately one tries to measure the position of a particle, the less accurately one can measure its speed, and vice versa [1]. This means that we cannot exactly predict the position of a particle in a certain time since time is related to the momentum from the following equation.

$$t = \frac{mx}{P}. \quad (2)$$

### Time travel

The increase of disorder or entropy with time is one example of what is called an arrow of time, something that distinguishes the past from the future, giving a direction to time [2]. The arrow of time cannot back in time because the motion of a planet cannot go back in time to the opposite direction. No one can escape from time because the solar system is rotating about the center of the galaxy and who knows our galaxy is rotating about something else.

However, if it is suggested that the time travel is possible and someone traveled through time to the past, it is believed that he would never know that he had that experience and events that happened before will continuously to happen and he would never know that he should change the past because in his mind he have not traveled through time because he forgotten that, and so as with traveling to the future.

## 2. Results and Discussion

Rotation is a universal phenomena and many galaxies are rotating [4]. The moon rotates about the earth, the earth rotates about the sun and the sun rotates about the galactic core in the center of the galaxy and who knows what next. So, everything is rotating about something else.

Every object is rotating about a center and that center rotating about something else until you reach the only completely *static* thing in the universe where is everything is rotating about it and generates time to the whole universe and generates the gravitational force in any system in the universe.

In addition, if it is suggested that time is inversely proportional to momentum, so time is direct proportional to *static*. There is no one is immortal other than the creator which proves his existence, so time is the creator and the creator is time. It is concluded that there is a creator who is immortal and has power to all times and rotating about him everything in the universe.

$$T = \text{static}. \quad (3)$$

It is suggested that if you reached the complete static state, you will be eternal, but this is impossible practically. You cannot escape from time because you cannot be in the static state your whole life or even for one second. The Earth is rotating about the sun, and if you escaped from the solar system, the solar system that we are in it, is rotating about the center of the galaxy and the static state generates time to the whole world, so to be immortal is some kind of illusion. No one can control time because one that controls time can control everything and that is a reason why time travel is impossible.

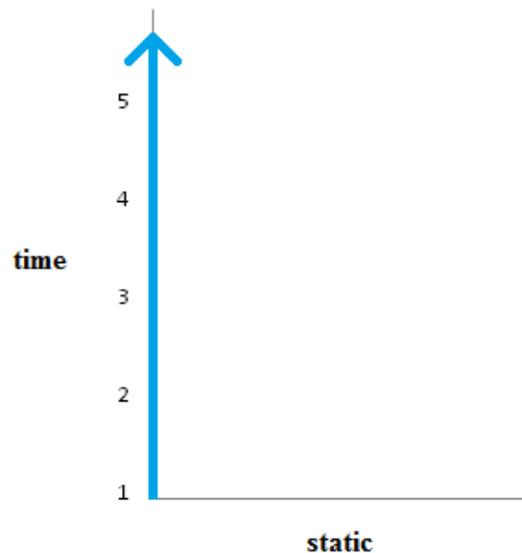


Figure 2. The relation between static and time

### Theoretical study on number 1

Numbers is a science and we can depend on it to provide information about the universe. To know specific information about the creator we have to study number 1 because there is only "one" in the universe and that "one" must be the creator.

Table 1.

$1 \times 1 = 1$	There is no two of him.
$1 \div 1 = 1$	There is no two of him. Number one and nothingness do not lead to each other.
$0 \times 1 = 0$	Number one and nothingness do not lead to each other.
$0 \div 1 = 0$	Number one and nothingness do not lead to each other.
$1 + 1 = 2$	The origin of numbers come to existence because of pluralism, but not anyone will be like the other one because Earth is not like Jupiter or the sun or even the black hole, and not everyone can do the other man's job. Everyone has a function that is no one can ever do.
$2 \div 2 = 1$	The pluralism comes to existence from number 1.
$1000 \div 1000 = 1$	The pluralism comes to existence from number 1.
$1 - 1 = 0$	Without number 1, we or anything in the universe cannot exist from nothing.
$1000 - 1000 = 0$	Without number 1, we or anything in the universe cannot exist from nothing.
$1 \div 0 = \infty$	Infinite power on the universe.
$\sqrt{1} = 1$	There is no two of him. God cannot be divided into two gods.
$\sqrt[3]{1} = 1$	There is no two of him. God cannot be divided into three gods.
$\sqrt[4]{1} = 1$	There is no two of him. God cannot be divided into four gods and so on.
$1^0 = 1$	God and nothingness do not lead to each other and there is independence between them.
$0^1 = 0$	God and nothingness do not lead to each other and there is independence between them.
$1^1 = 1$	There is no more than one God. God cannot be multiplied.
$1^2 = 1$	There is no more than one God. God cannot be multiplied.
$1^3 = 1$	There is no more than one God. God cannot be multiplied.
$1^4 = 1$	There is no more than one God. God cannot be multiplied and so on.

Einstein's theory of gravity cannot explain how space and time come into existence [4]. However, when the big bang singularity [5] was first created, it is suggested to be created in the form of atoms. According to my suggested atomic model, if you compare the atom with the solar system model, the electrons move about the nucleus like planets around the sun. It is believed that the photon orbits the electron like the satellites orbits the planets. Since the universe is a reflection of atoms and time is related to momentum. It is suggested that what initiated the big bang is due to the electrons were first to have momentum about the nucleus, It initiated the spark of the big bang and the beginning of time in the universe, and atoms reflected to shape the great model of the universe like galaxies and solar systems [3]. The momentum is related to time which proves that the creator is the only one responsible on creating everything including the universe and the big bang.

The universe was created in a certain time. However, when the universe exists, the creator created the universe before any other thing exists before his creation or before spacetime existence [3]. So, the universe sometimes appears to have no beginning.

Everything in the universe has a sphere or sphere-like shape. The starting point of any sphere is the ending point of it. In fact, it has no beginning and it has no end because it is a sphere which makes it infinite [3]. It is believed that

the infinite sphere shape is related to the universe appears to have no beginning and the creator has an infinite power on the universe.

### 3. Conclusion

In conclusion, it is suggested the existence and immortality of the creator. The creator has power on everything including time, gravity and the entire universe. Time is the creator and the creator is time. There is only "one" in the universe and that one must be the creator.

### References

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