

Essay

Who Will Tell Us How Space & Time Are Non-existent for Light?

Himangsu S. Pal*

ABSTRACT

Light exists in space and time, and it is not forcibly or artificially deprived of space and time. Still space and time are non-existent for light. What is the cause of it?

Key Words: light, space, time, non-existent.

If there is an entity that exists neither in space nor in time, then space and time will be non-existent for that entity purely naturally. I am not saying that such an entity does really exist in nature. I am only showing here how space and time can be non-existent for any entity purely naturally. For no entity other than this can space and time be non-existent purely naturally. If an entity exists in space and time, and if we forcefully deprive it of space and time, then of course space and time will be non-existent for it also. But we cannot say that they are non-existent purely naturally, because we have applied force here. So the conclusion is that for any entity existing in space and time, and not forcefully or otherwise deprived of them, space and time cannot be non-existent purely naturally.

Now can we say about light that it exists neither in space nor in time? Can we say about it that it has been forcefully or otherwise deprived of space and time? Can we say about any entity of this universe that it exists neither in space nor in time, that it is beyond space and time? If there is such an entity, then what is that entity? If there is any one on this earth who has any idea about its existence, then let him/her come forward and enlighten us also about its existence. If we see that no one is coming forward, then we will have to conclude that no such entity really exists in this universe for which space and time will be non-existent purely naturally. But in spite of all these, what do we see actually? We see that space and time are non-existent for light. Yes, space and time are non-existent for light. As per the theory of relativity space and time become non-real or non-existent for light, because their values become zero. If there are two points A and B, and if the distance between A and B becomes zero, then we cannot say that there is any space in between A and B. Distance becoming zero, time will also become zero.

A man may be poor; but with his sincere effort and hard labor one day he may become rich. Once he becomes rich, we will not say that he is still poor. Rather we will say that he is now rich. In a similar vein we can say that once space and time become non-existent for light, they are non-existent for it. Thus for light space and time do not exist, they are simply non-existent. Can one give any reason as to how space and time become non-existent for light when we know very well that they cannot be so purely naturally?

*Correspondence: Himangsu S. Pal, Independent Researcher. E-mail: sekharpal1946@rediffmail.com

I have shown that due to only two causes space and time can be non-existent for an entity:

- 1) Cause A: If the entity is neither in space nor in time. This is the natural cause; and
- 2) Cause B: If the entity is in space and time, and if it is forcibly or artificially deprived of space and time. This is the unnatural cause.

If space and time are non-existent for light neither due to cause A nor due to cause B, then where does its cause lie? Who will tell us?

Here “purely naturally” will mean not due to any outside cause.
