

# VI

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## *Conclusion*

The main aim of this paper is to point out that time and space are actually mere abstractions of man, and also to show how they have been arbitrarily derived from the phenomenon of electromagnetism. It is the failure to realize that they are not real entities that has led to much confusion in the field of relativity.

The reason for this misunderstanding is probably because time and space apparently reflect how man actually experiences the universe. It is not surprising that he should consider the rate of his own physiological functions and his "aging process" as an absolute reality, and likewise, it is not hard to understand his use of solid state matter (in which state his own body is in) to demarcate space and to consider this also as an absolute reality.

Once it is realized, however, that time and space are not

real entities but merely arbitrary concepts derived from electromagnetic transmission, a lot of the interpretative difficulties surrounding the theory of relativity (including the twin paradox) are easily explained away.

Finally, I would like to express the hope that this paper might lend support to a personal philosophy that mere mathematical consistency does not constitute a full explanation for physics. A deeper physical understanding must always be sought for.