

## Time and Proper Time.

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Patrick: I was not inquiring how the twin "paradox" worked. I was asking, when we consider the twin phenomena, how does that change our concept of time? Or our definition?

During twin A's journey, the earth did not change the way it rotated simply because the twin took a trip. But when he returned, his watch showed a different proper time. Can we not say then that traveling effects the clocks only, and not the thing the clock is suppose to mimic. (earth's rotation) But how can this be correct if also the twins showed different ages? This infers that time has an "objective" quality to it. Or are we only talking about motion, not time? But since there is supposedly no absolute motion, how can there be an absolute difference in their ages and clock face values? (i.e. proper time)

The twins had an absolute different age, and their watches had an absolute different elapsed time showing. Was this difference caused by time which is a free invention of the mind, or by motion which is all relative? The idea that there is no absolute motion is the hallmark of the "no aether" group, and relativity.

We need Tom Roberts to tell us what modern standard relativity would say to resolve this apparent problem.

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