


TIME DILLATION

IT TURNS OUT THAT AS AN OBJECT MOVES WITH RELATIVISTIC SPEEDS A "STRANGE" THING SEEMS TO HAPPEN TO ITS TIME AS OBSERVED BY "US" THE STATIONARY OBSERVER (OBSERVER IN AN INERTIAL REFERENCE FRAME). WHAT WE SEE HAPPEN IS THAT THE "CLOCK" IN MOTION SLOWS DOWN ACCORDING TO OUR CLOCK, THEREFORE WE READ TWO DIFFERENT TIMES. WHICH TIME IS CORRECT??? WELL THEY BOTH ARE BECAUSE TIME IS NOT ABSOLUTE BUT IS RELATIVE, IT DEPENDS ON THE REFERENCE FRAME.

TIME TRAVEL


Time travel is the hypothetical activity of traveling into the past or future. Time travel is a widely recognized concept in philosophy and fiction, particularly science fiction. In fiction, time travel is typically achieved through the use of a hypothetical device known as a time machine.

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IS IT POSSIBLE?

Yes, and you're doing it right now — hurtling into the future at the impressive rate of one second per second.

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