

A SHORT *REDUCTIO-AD-ABSURDUM* REFUTATION of SPECIAL RELATIVITY

by

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INTRODUCTION

The following is one of the shortest possible refutations of Special Relativity.

REDUCTIO AD ABSURDUM

1. By the definitions of the terms “acceleration” and “deceleration”, if a body is *accelerating* rectilinearly its velocity *increases*, while if it is *decelerating* rectilinearly, its velocity *decreases*.
2. And according to Special Relativity, the greater the velocity of a clock, the slower it ticks — and *vice versa*.
3. So an accelerating clock should gradually tick *slower and slower* as time passes, while a decelerating clock should gradually tick *faster and faster* as time passes.
4. However, according to Special Relativity, a single object can be both accelerating and decelerating *simultaneously*.*
5. Thus, according to Special Relativity, a single clock can both be gradually ticking *slower and slower* as time passes, and also gradually ticking *faster and faster* as time passes!
6. This is *logically* impossible.
7. Therefore either it is false that the greater the velocity of a clock, the slower it ticks — and *vice versa*; or it is false that the same object can be accelerating and decelerating simultaneously ... either of which disproves the Special Theory of Relativity.

* Some people might not get just *how* this can be, and so here's a simple explanation: Imagine two objects, A and B, receding from each other rectilinearly at uniform velocity; now send a third object, C, from A toward B at a rate of acceleration high enough to ensure that C eventually will arrive at B. Then during its trip from A to B, the single object C will be *accelerating* with respect to A and simultaneously *decelerating* with respect to B.

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COMMENTS

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