

Confirmation of the Crothers refutation for the special theory of relativity

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From the abstract:

Crothers, S. J. (2017). "On the logical inconsistency of the special theory of relativity".
vixra.org/pdf/1703.0047v6.pdf

Einstein's Special Theory of Relativity requires systems of clock-synchronised stationary observers and the Lorentz Transformation. (1.1)

Without both, the Theory of Relativity fails. (2.1)

A system of clock-synchronised stationary observers is proven inconsistent with the Lorentz Transformation, because it is Galilean. (3.1)

The Special Theory of Relativity insists that Galilean systems must transform not by the Galilean Transformation, but by the non-Galilean Lorentz Transformation. (4.1)

The Theory of Relativity is therefore invalid due to an intrinsic logical contradiction. (5.1)

[We write Eq. 5.1 as: ((Eq. 1.1 and Eq. 2.1) and Eq. 3.1) and Eq. 4.1.] (5.1.1)

We assume the apparatus and method of Meth8/VL4 with designated *proof* value of \mathbb{T} , and 16-valued proof tables presented as row-major and horizontally.

LET p q r s: Galilean system, transform, Lorentz transform,
Special theory of relativity, clock-synchronized stationary observers;
> Imply, greater than; < Not Imply, less than; = Equivalent; @ Not Equivalent;
necessity, for all; % possibility, for one or some;
(s@s) contradiction, *not tautologous*.

$r < \#(s \& p)$; FFFF TTTT FFFF TCTC (1.2)

$(\sim(\#s \& \#p) > r) = (s @ s)$; TTTT FFFF TCTC FFFF (2.2)

$((s > p) \& \sim(p = q)) > (s > q)$; TTTT TTTT TFFT TFFT (3.2)

Remark: Eq. 3.2 as rendered is *not tautologous* and hence inconsistent.

$\#s > (p > (\sim p \setminus (p = \sim q)))$; TTTT TTTT TTTT TTTT (4.2)

$((r < \#(s \& p)) \& ((\sim(\#s \& \#p) > r) = (s @ s))) \& (((s > p) \& \sim(p = q)) > (s > q)) \& (\#s > (p > (\sim p \setminus (p = \sim q))))$; FFFF FFFF FFFF FFFF (5.1.2)

Eq. 5.1.2 is *not tautologous* and is in fact a contradiction.

This means the refutation of the special theory of relativity by Stephen J. Crothers is confirmed.