

# **The Velocity Addition Formula According to Special Relativity – The Most Unsustainable Formula in all Physics**

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**Abstract.** Two aspects of the velocity addition formula for special relativity will be reviewed. The first is its derivation and the second its functionality and consistency. We will bring two arguments that prove the unsustainable derivation of velocity addition formula and three other arguments that will show dysfunction of this formula. The conclusion of this review is that the velocity addition formula according to the special theory of relativity is nothing more than rhetorical tautology.

**Keywords:** Velocity addition formula, special relativity, Lorentz transformations.