

Translation into English: [Chapter 2 - Catalogue of Errors for Both Theories of Relativity](#)

from the German documentation of G.O. Mueller

"On the Absolute Magnitude of the Special Theory of Relativity - A Documentary Thought Experiment on 95 Years of Criticism (1908-2003) with Proof of 3789 Critical Works" - Text Version 2.1 - June 2004  
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**Q: Methodology / Error No. 11**

**Relativity fundamentally maintains that all mathematical relationships (equations) found (including those that are then quickly altered) are physical realities**

*The method criticized as "mathematicism" was practiced by Albert Einstein and has remained, up to the present day, a characteristic feature of the world of relativity.*

*This method fails to appreciate the absolute necessity of first checking to see whether a relationship suggested by the mathematics is at all satisfied in terms of the physical meaning. It is, namely, indeed possible - probably to the boundless astonishment of all relativists - that a found mathematical relationship can fail to describe any physical circumstance, quantitatively speaking (qualitatively speaking it could never describe anything anyway).*

*The nicest proof that not every mathematical relationship has a quantitative physical counterpart is provided by the physicists themselves, when they nimbly make quick repairs to their mathematics, adding a proportionality factor here, reducing a sum total to zero there, so that it drops out; or simply squaring everything and then taking the root, but only making further use of one root (the one that fits best). In this way one can eliminate unwanted signs. And perhaps also secretly dividing by zero (because not everyone will notice that a voluminous fraction has a zero in the denominator at exactly the right moment), and then the special conjuring-up of the tasty morsel. Fortunately one need not speak of such advanced techniques as re-standardization, since they appear in the STR.*

*In physics there is no end to the discarding, extrapolating and mathematically tailoring until the tunic fits. Not that there would be anything to say against this, if the relativists would only refrain from subsequently demanding blind faith and devotion alone for a "holy tunic" that is solely the result of mathematical manipulation and clads no physical reality whatsoever.*

*With mathematics alone they won't escape the critics. The relativists must indeed make the effort to prove the physical reality of their theories of relativity. And only if they succeed will they be safe from the criticism. Such success has not as yet appeared for the kinetics. And the effects of dynamics are either no relative constructions (mass-energy) or can be shown to be purely mathematical creations (mass-velocity).*