

Review of: "Paradigm shift in Special Relativity: From the Michelson-Morley experiment, Lorentz and light speed invariance, to the reciprocal linear Sagnac effect and conservation of simultaneity"

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As the authors state in an answer to another review, "it is not an easy task to review a controversial paper like theirs". Therefore, I will try to give only a very basic comment. None of the experiments in Fig. 1 describe two systems whose relative velocity is really constant, so the Lorentz transformations are not valid in these experiments. Once this is understood, an explanation of the classical Sagnac experiment in the framework of (general) relativity was given in 1921 by Langevin in the paper "Sur l'expérience de Sagnac", *Comptes rendus hebdomadaires des séances de l'Académie des sciences*, 173, 831-834 (1921). This explanation, I believe, is widely accepted and I suppose it can be adapted to explain the other two "linear" experiments. I find it strange that the authors do not mention in their work Langevin's explanation of the classical Sagnac effect.