

On the Relativity of Simultaneity

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This paper re-examines the well-known topic of "relativity of simultaneity." The latter is shown to be a false proposition due to an error in logic and confusion in fundamental concepts and epistemology by Einstein.

1. Introduction

This paper scrutinizes a basic proposition of the Special Relativity Theory (SRT), the "epochal" topic of the "relativity of simultaneity" (ROS).

The ROS is the conceptual foundation of the SRT, from which the relativistic space-time ideas were poured by Einstein into the Lorentz transformation (LT), leading, as it has been said, to a "great revolution" in man's space-time ideas, despite the fact that the expression for the LT retains the