

The Shortest Embarrassing Papers on Special Relativity. 8/12

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Abstract. Preinertia makes absolute motion detection impossible.

For Minkowski, the world was “the multiplicity of all value systems x, y, z, t ” [1. p 76]. An idea that is still valid today. The mathematization of physical space and time has resulted in the failure to probe the physical reality of these and other basic physical entities. And, consequently, the non-discovery of pre-inertia, surely the most basic and universal attribute of all physical objects: the ability to inherit the velocity vector of the reference frame in which they are set in motion. Naturally, the inherited motion could be of absolute nature. It is easy to show that even photons are preinertial, and that preinertia makes the detection of absolute motion (the only real motion, from which all relative motions would result) impossible [2]

References:

[1] H. Minkowski. 1952. SPACE AND TIME. In: The Principle of Relativity. Dover Publications Inc.

[2] Antonio León. Towards a Discrete Cosmology. 7/17: Preinertia. The General Science Journal. 2022. ([Link](#))