

Definition

Postulate of Causal Chronometry

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Every physical interaction has a minimum and irreducible temporal cost, defined by the operational constraint:

$$\delta t > T_P$$

where

$$T_P$$

represents the Planck time. This postulate establishes that causality is not instantaneous and that the minimum interaction time constitutes an impassable limit for information transfer.

Declarations

Potential competing interests: No potential competing interests to declare.