

# Completeness of non-reversible Finsler metrics and geodesics in standard stationary spacetimes

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## Abstract

We show how several results about geodesics in standard stationary spacetimes can be seen as consequences of the completeness of a non-reversible Finsler metrics associated to the spacetime. We study also some causal properties of such spacetimes by means of Finslerian metric properties.

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<sup>1</sup>The talk will be presented by the first author (Caponio, E.)