

# Comment on Fritz Rohrlich's "Causality and the Arrow of Classical Time".

ROVELLI, Carlo (2004) Comment on Fritz Rohrlich's "Causality and the Arrow of Classical Time"..

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## Abstract

Rohrlich claims that "the problem of the arrow of time in classical dynamics has been solved". The solution he proposes is based on the equations governing the motion of extended particles. Rohrlich claims that these equations, which must take self-interaction into account, are not invariant under time reversal. I dispute this claim, on several grounds.

**Keywords:** Arrow of time, extended particles, time reversal, causality.

**Subjects:** [Specific Sciences: Physics: Classical Physics](#)

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