

Objects Moving along Closed Timelike Curves belong to Proper Classes

Zhongzhu Liu

(Submitted on 23 Jun 2011)

According to the set theory, we prove that objects moving along closed timelike curves (CTCs) should belong to proper classes, but never to any set. Particles in a set have to change own some properties when they come into a CTC in order to become the objects in a proper class.

Comments: 6 pages, 0 figure

Subjects: **General Physics (physics.gen-ph)**

Cite as: **arXiv:1106.4707** [physics.gen-ph]

(or **arXiv:1106.4707v1** [physics.gen-ph] for this version)

Submission history

From: Liu Zhongzhu [[view email](#)]

[v1] Thu, 23 Jun 2011 13:07:52 GMT (53kb)

[Which authors of this paper are endorsers?](#)

Download:

- [PDF only](#)

Current browse context:

physics.gen-ph

[< prev](#) | [next >](#)

[new](#) | [recent](#) | [1106](#)

Change to browse by:

[physics](#)

References & Citations

- [NASA ADS](#)

Bookmark([what is this?](#))



Science
WISE