

Review of: "Geodesics as Equations of Motion"

Run Cheng¹

1 Nanjing University

Potential competing interests: No potential competing interests to declare.

1 In Section 3 the author state that "which describe the relative motions in space-time parametrized by the coordinate SI time t". While the statement based on "the solutions of (6-7) and (8-9) respectively both give the same spatial projection, they correspond to different motions in space-time". The two descriptions are simply two descriptions of the same curve in different coordinates.

2 There are some word errors in the text, including "systen" in abstract, "t'(1+E/mc^2)^(-1/2)t" in Section 3", "Newyonian" in Section 4 and etc..

3 Some of the sentences in the text are too long to read, and it is recommended to be short, including "The compatibility between the SI operational definitions of spatial distance and temporal duration for the space-time coordinates of the theory of general relativity is a priori notobvious though it seems that the time coordinate t is measured using the SI operational definitions." in Section 1.

Qeios ID: VDP61X · https://doi.org/10.32388/VDP61X