

Review of: "Horizon and curvature"

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Potential competing interests: No potential competing interests to declare.

I think the problem is interesting.

I enumerate below some suggestions.

Section 1. Say what is the notion of curvature you use and what is the formula to calculate it.

Section 2. Mathematically describe the problem, or at least illustrate it with an image.

Subsection 3.2. In Proposition 3.1 you say that the curve γ has no stationary points, but in the proof you assume that $f'(0)=0$ (then $(0, f(0))$ is a stationary point on the curve, or am I thinking wrong?).

Subsection 3.4. What does condition (6) mean?

In general, I think you should complete the article with more mathematical details.