

# Review of: "Shapiro Time Delay Using Newtonian Gravitation"

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**Potential competing interests:** No potential competing interests to declare.

This paper gives new valuable insight in that that Newton theory likely can predict Shapiro Time Delay correctly.

I have a few comments that possibly can be useful to improve the paper, but I leave it up to the author to consider if useful. I do not have the book off "J.V. Narlikar, *Violent Phenomena in the Universe*, Oxford University Press, Oxford, 1982." Yet.

I do not know if you are aware that gravitational-red shift (I think identical to Eq. 8 has been derived in a similar fashion to what you show (with reference to J.V. Narlikar I assume) already in

*Adler, R.; Bazin, M.; Schiffer, M. Introduction to General Relativity; McGraw-Hill: New York, NY, USA, 1965.*

If you do not have access to that book, you can also see appendix A in my paper below:

<https://www.mdpi.com/2218-1997/8/11/577#B72-universe-08-00577>

The Adler Bazin reference possibly relevant for your paper?

You mention slowing of light in gravitational field. I assume you possibly already are aware of Einstein's early work on gravity. In his 1911 paper he that the speed of light is affected by the gravitational field. You should consider to look if this is in line with your thoughts here, possibly anyway worth to mention? Pay attention to Einstein's equation 3 in his 1911 paper <https://einsteinpapers.press.princeton.edu/vol3-trans/399>

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