Review of: "Planetary relationship as a key signature from the dark sector"

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Potential competing interests: No potential competing interests to declare.

The paper discusses the potential role of dark matter streams in explaining the observed planetary dependencies in solar and terrestrial observables. The authors suggest that planetary gravitational lensing of some generic slow stream(s) from the dark sector can explain the almost ubiquitous 11-year rhythm observed in solar activity, which coincides with the synod Jupiter-Earth-Venus. The paper also discusses the potential of planetary signatures to lead to a direct dark matter discovery, even with existing data. Among the strong sides of the paper are: the paper presents a novel and interesting hypothesis that dark matter streams could be responsible for the observed planetary dependencies in solar and terrestrial observables. The paper provides a comprehensive review of previous research on dark matter and planetary dependencies in solar and terrestrial observables. The paper suggests several potential dark matter candidates, including Anti Quark Nuggets (AQNs) and dark photons, which could be of interest for future research. However, the paper does not discuss potential alternative explanations for the observed planetary dependencies, such as solar-terrestrial interactions or other astrophysical phenomena. The paper also does not provide any specific recommendations for future research or experiments to test the hypothesis. Furthermore, the paper does not provide any direct evidence to support the hypothesis that dark matter streams are responsible for the observed planetary dependencies in solar and terrestrial observables. My recommendation is that, the authors could consider conducting simulations or experiments to test the hypothesis that dark matter streams are responsible for the observed planetary dependencies in solar and terrestrial observables. The authors could also discuss potential alternative explanations for the observed planetary dependencies and compare them to the dark matter stream hypothesis. Finally the authors could provide specific recommendations for future research or experiments to test the hypothesis, such as developing new detection methods for dark matter streams or conducting more detailed analyses of existing solar and terrestrial observables.