Editorial Comments:

[1] In the manuscript, there are many statements with further predictions without proof of which the author subsequently deduces certain conclusions.

[2] The general picture of the author's world looks smeared.

[3]I strongly recommend that the author adds the section "Results", or "Discussion", in which he will show the real results that have been achieved in his study.

[4]P.S. Besides, the author research intersects in some aspects with the results presented in a book entitled Structure of Space and the Submicroscopic Deterministic Concept of Physics by V. Krasnoholovets. Is it possible for the author to read the book? This will allow the author to improve some of the formulations and also results.

Authors Feedback:

- 1. The statements/assumptions of this toy model are **conjectures** (which have no formal proof, by definition) similar to some of those found in all mainstream physical models (like the Standard model [SM] of particle physics, the General Relativity theory [GRT] or Special relativity theory [SRT]), but also in string theories (STs) and M-Theory (MT). There is no known formal rigorous proofs for why the speed of light should be the maximum speed "allowed" in nature, for why inertial mass and gravitational mass of a particle should be equal to each other (as experiments showed until now), for why spacetime is a 4D continuum etc: all these are in fact conjectures gathered in coherent models/theories (SM, GRT, SRT) that offer important explanations and predictions for other phenomena (many of which have already been verified experimentally, as in the case of GRT, SRT). STs and MT are also important modern theories (based on many conjectures) that have great potential of development in the future. My model is thought as a "patch" for MT and should be analyzed in this MT context, as I have mentioned in the final conclusions of my paper. Actually, MT is currently in impasse, as it doesn't offer (until now) a specific way to quantize brane oscillation/vibration and to identify those specific oscillations with various elementary particles from SM. My paper not only proposes a way to quantize a 3D brane (identified by MT with our 3D space), but also offers plausible explanations for principles of GRT and SRT (which are still conjectures). If the editor wants to replace the term "statement/assumption" with the term "conjecture". it is not a problem for me: I'm waiting for that explicit indication however.
- As it is only a toy model in a very "compressed" form (and not a full theory which may require hundreds of pages, not just 20 pages), DVTM cannot show a clear picture, but only a blurred ("smeared") one, as DVTM positions itself at the "edge" of MT, as a possible update of MT.
- **3.** I have only used a "Final conclusions" section (in which I list all the major explanations and predictions offered by my model, as also appreciated by one of the reviewers who cited those conclusions), as my paper is a **toy model** (a theoretical model) not an experimental research article with specific experimental "results". The "results" of this toy model are the plausible explanations offered for "the main principles of SRT, GRT and movement based on a "digital" space vacuum composed of SVs with quantized energetic states." [as cited from conclusion and explained in detail in each section of the paper]: as requested by one reviewer, I have also demonstrated why the power-2 quantization has true advantage in predicting rest energies of the known particles from SM (which is also

an important "result" of this toy model). I have added an additional section called "DISCUSSIONS" for more detailed explanations on the explanatory power of this toy model.

4. Unfortunately, I haven't read the book entitled "Structure of Space and the Submicroscopic Deterministic Concept of Physics" by V. Krasnoholovets. I've searched for the book online and found a small presentation of its contents from which I agree with the editor that there may be similitudes between my toy model and some content in that book. How ever, my toy model is a "natural" continuation of my past article called "On a Plausible Triple Electro-gravito-informational Significance of the Fine Structure Constant" (http://www.sciencedomain.org/abstract/20204). As it was invoked, I have searched for the book online and found these links: https://www.crcpress.com/Structure-of-Space-andthe-Submicroscopic-Deterministic-Concept-of-Physics/Krasnoholovets/p/book/9781771885300: https://www.amazon.com/Structure-Submicroscopic-Deterministic-Concept-Physics/dp/1771885300; https://www.researchgate.net/publication/321361583 Structure of Space and the Sub microscopic Deterministic Concept of Physics; https://cds.cern.ch/record/516434/files/0109012.pdf; https://arxiv.org/pdf/quantph/0109012.pdf; https://arxiv.org/abs/guant-ph/0109012; http://inerton.kiev.ua/interest2.htm:

Maybe, in the future, I may take possession of this book and read it: I am sure that it may help me in my future work. I have also found the RG page of the author and I shall contact him in the future, after reading his book.

https://www.researchgate.net/profile/Volodymyr_Krasnoholovets