|  |  |
| --- | --- |
| Journal Name: | [**Journal of Medicine and Health Research**](https://www.ikprress.org/index.php/JOMAHR) |
| Manuscript Number: | **Ms\_JOMAHR\_13601** |
| Title of the Manuscript: | **Medical SuperHyperStructure and Healthcare SuperHyperStructure** |
| Type of the Article |  |

|  |  |  |
| --- | --- | --- |
| **PART 1: Comments** | | |
|  | **Reviewer’s comment**  **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | **This manuscript's primary importance is its introduction of a novel mathematical framework to formalize complex, hierarchical decision-making in medicine and healthcare. The framework uniquely integrates real-world constraints like clinical guidelines and resource budgets, providing a powerful new language for modeling these systems. While theoretical, this work establishes a crucial foundation for future computational approaches in health systems optimization, bridging abstract mathematics with applied science.** | Many Thanks. |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes, the title " Medical SuperHyperStructure and Healthcare SuperHyperStructure" is highly suitable for the article.** | Many Thanks. |
| **Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.** | **The abstract clearly outlines the paper's theoretical nature and scope. However, it could be more comprehensive. The paper's main contribution is not just to "explore" existing concepts, but to formally define four new structures.**  **Suggestion: Add a sentence that explicitly names the four proposed constructs (Medical/Healthcare HyperStructure and SuperHyperStructure). This would provide a more accurate and informative summary of the paper's novel results, with no other changes needed.** | Regarding the abstract, I have fundamentally and concretely rewritten it based on the comments I received. |
| **Is the manuscript scientifically, correct? Please write here.** | **Yes, as a theoretical paper, the manuscript is scientifically correct. The proposed definitions are logically consistent and correctly built upon established hyperstructure theory. The author's conceptual applications are illustrated with plausible examples, and their explicit acknowledgement that the framework is "purely theoretical" and awaits empirical validation demonstrates scientific rigor.** | Many Thanks.  Since I received feedback, I have added a theorem. |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | **Yes, the list of references is excellent, it is both sufficient and uptodate.** | Many Thanks. |
| **Is the language/English quality of the article suitable for scholarly communications?** | **Yes, the English language quality of this article is excellent and meets the high standards required for scholarly communication.** | Many Thanks. |
| **Optional/General** comments |  | Many Thanks. |

|  |  |  |
| --- | --- | --- |
| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in detail)*  No | Many Thanks. |