|  |  |
| --- | --- |
|  | |
| Book Name: | [**Current Research Progress in Physical Science**](https://www.bookpi.org/bookstore/product/current-research-progress-in-physical-science-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4483** |
| Title of the Manuscript: | **Computation of thermodynamical parameters for Cu47Ti34 Zr11Ni8 bulk metallic glass** |
| Type of the Article | **Book Chapter** |

|  |  |  |
| --- | --- | --- |
| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. 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.** | **1/ The manuscript presented in a scientifically correct manner the method of calculating thermodynamic constants (enthalpy, entropy and Gypsum function)**  **2/ The authors followed a correct scientific method to reach the results of the study**  **3/ The results obtained were presented systematically and correctly.**  **4/ The results obtained were interpreted in an acceptable scientific manner** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes, the title is appropriate for the subject of the study** |  |
| 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 summary of the study is compatible with the content and is written in excellent scientific language and does not need to be modified** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **From a scientific point of view, the study is valid. The results are acceptable.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **References are insufficient and the authors needs to refer to recent studies (2020-2025) at least to cover the gap in the references were relied on in the study** |  |
| Is the language/English quality of the article suitable for scholarly communications? | The language in which the manuscript is written is acceptable and does not need to be modified |  |
| Optional/General comments | **I suggest that the authors expand the introduction by referring to previous studies on the same topic and stating the results obtained by researchers in this field, and I suggest that the reference list be updated by adding recent references (2020-2025).** |  |

|  |  |  |
| --- | --- | --- |
| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s comment** *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. 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 details)* |  |

|  |  |
| --- | --- |
| **Reviewer Details:** | |
| Name: | **Elsammani Ali Shokralla** |
| Department, University & Country | **Al-Baha University, Saudi Arabia** |