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| 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\_4705** |
| Title of the Manuscript:  | **The Angular Velocity as a Function of the Radius in Molten Ga75In25 Alloy and Mercury Stirred by Rotation Magnetic Field** |
| Type of the Article | **Book Chapter** |

**Special note:**

**A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.**

**Source Article:**

**This chapter is an extended version of the article published by the same author(s) in the following journal.**

**Metals, 14(3): 368., 2024.**

**Available:** [**https://doi.org/10.3390/met14030368**](https://doi.org/10.3390/met14030368)

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| 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.** | **The author mainly focused this research followings;*** Usable method for measuring the angular velocity in the magnetically stirred melt as a function of the radius of the crucible and the magnetic induction,
* The angular velocity data measured by the Pressure Compensation Method and Turbine Wheel Method to get information about the effect of the Rotation Magnetic Field stirring on the angular velocity as a function of the sample radius.
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| **Is the title of the article suitable?****(If not please suggest an alternative title)** | * **Yes, enhance current stae of art this area and title should be comeout from experimental output data with method for using**
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| Optional/General comments | * 2. Measuring methods used in the literature
* 2.1,2.2
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| **Are there ethical issues in this manuscript?**  | *(If yes, Kindly please write down the ethical issues here in details)* |  |

**Reviewer details:**

**Mudda Nirish, India**