[original idea]

Diamond Open Access

Simple Guidelines for Authors: Open Journal of Mathematics and Physics [1]

Open Collaboration^{*†}

October 17, 2020

Abstract

Simple guidelines are presented for authors willing to publish their original work in the Open Journal of Mathematics and Physics (OJMP) [2].

keywords: open science, diamond open access, microarticles

The most updated version of this paper is available at

<https://osf.io/fk836/download>

Introduction

1. Paywall Journals are *harmful* to free open science in many ways [3].
2. *Diamond Open Science* provides a **free publishing system** both for *authors* and for *readers*.
3. OJMP is a **Diamond Open Science Journal** that publishes *microarticles* [4].

^{*}All authors with their affiliations appear at the end of this paper.

[†]Corresponding author: mplobo@uft.edu.br | Join the Open Collaboration

Diamond Open Access

4. Authors *publish* articles for *free*.
5. Readers *access* and *read* articles for *free*.

Overlay Journal

6. OJMP is an *Overlay Journal* [5,6].
7. Here [7], you can find some guidelines on how to build your own high-quality overlay journal [8].

Open Invitation for New Collaborators

8. All articles published in the OJMP can be updated at any time.
9. **Important:** *Authors must accept new co-authors as long as the collaborators send at least one substantial progress for their published work.*

Types of Articles

10. **Conjecture:** A *conjecture* that connects at least two well established *scientific results* [9].
11. **Draft:** An original piece of work *waiting for collaborative (open) peer review*.
12. **Knowledge Base:** *Results* presented by *tags* [10].
13. **Microresearch:** Contains one *original scientific result* [11].
14. **Microreview:** A *well established scientific result* shown in an original perspective [12].

15. **Original Idea:** Presents *original steps* delineating a specific *open problem* [13].
16. **Original Insight:** Contains an *original insight* about a *well established scientific result* [14].
17. **Pedagogical:** Presents *creative ways* for *learning* and *teaching* Mathematics and Physics [15].
18. **Pre-Requisites:** Addresses the *full list of pre-requisites* needed to understand a given *mathematical theorem* or a *physical theory* [16].
19. **Question:** *Sketch* for an innovative *scientific question*.
20. **White Paper:** The methodology of a *white paper* applied to *scientific articles*.

Articles can be updated after being published

21. Probably the most profound and innovative quality of the *microarticle publishing format*, as described here [4], is the ability to update the paper unlimited times, even after it has been published.
22. All versions of the article remain public at the **Open Science Framework** preprint platform [17].
23. At each update, it is expected that the lead author send an email to all co-authors with a list of the changes made in the manuscript.
24. The *order of co-authorship* can be modified by the **lead author**.

Benefits of becoming a co-author on OJMP

25. OJMP offers a *free* and *fast* publishing system.
26. You can strengthen your network of scientific collaboration.

27. Your curriculum is enhanced, you publish more papers, get more citations, and improve science being part of a collective intelligence.

License

28. Unless otherwise noted, the *articles* in the OJMP are licensed under a **Creative Commons Attribution 4.0 International License** [18].

Copyright

29. *Authors* of the *articles* published in the OJMP **retain copyright**.
30. *The authors declare **all** their **text** and **figures** are **free of plagiarism**.*

About Retractions

31. The following issues *qualify for retraction*:
- (a) falsification of results;
 - (b) copyright violation;
 - (c) incorrect results not updated by the authors after the editor's notification.
32. In case of *retraction*, **authors should remove the header** from the first page of the paper and submit it to the preprint server as a new version under the original preprint link.

Final Remarks

33. We look forward to receive your original work written in a *microarticle format* to be considered for publishing in the OJMP [4].

34. In addition, we also encourage each citizen/scientist to run hers/his own **Diamond Open Access Journal** [5–8].

Open Invitation

Review, add content, and **co-author** this paper [4, 19].

Join the **Open Collaboration**.

Send your contribution to mplobo@uft.edu.br.

Open Science

The **latex file** for this paper together with other *supplementary files* are available [20].

Ethical conduct of research

This original work was pre-registered under the OSF Preprints [17], please cite it accordingly [19]. This will ensure that researches are conducted with integrity and intellectual honesty at all times and by all means.

Acknowledgement

+ **Center for Open Science**

<https://cos.io>

+ **Open Science Framework**

<https://osf.io>

References

- [1] Lobo, Matheus P. (Chief Editor) Open Journal of Mathematics and Physics. *OSF Preprints*, 2019. <https://ojmp.org>
- [2] Epstein, Richard Allen, and Richard Allen Epstein. *Simple rules for a complex world*. Harvard University Press, 2009.
- [3] PAYWALL. *The Business of Scholarship*. 2019
<https://paywallthemovie.com/paywall>
- [4] Lobo, Matheus P. “Microarticles.” *OSF Preprints*, 28 Oct. 2019.
<https://doi.org/10.31219/osf.io/ejrct>
- [5] Van Noorden, Richard. *Mathematicians aim to take publishers out of publishing*. Nature News, 2013.
<https://www.nature.com/news/mathematicians-aim-to-take-publishers-out-of-publishing-1.12243>
- [6] Ball, Philip. “Leading mathematician launches arXiv ‘overlay’ journal.” *Nature News* 526.7571 (2015): 146.
<https://www.nature.com/news/leading-mathematician-launches-arxiv-overlay-journal-1.18351>
- [7] Lobo, Matheus P. “A Do-it-yourself Overlay Journal.” *OSF Preprints*, 27 June 2019. <https://doi.org/10.31219/osf.io/gy8qv>
- [8] Lobo, Matheus P. “Darwinian Natural Selection of Articles in Overlay Journals.” *OSF Preprints*, 29 June 2019.
<https://doi.org/10.31219/osf.io/z8e3m>
- [9] Lobo, Matheus P. “The Interior of a Black Hole and the Void of Spacetime.” *OSF Preprints*, 12 May 2019.
<https://doi.org/10.31219/osf.io/awfx8>

- [10] Lobo, Matheus P. “Open Mathematics Knowledge Base.” *OSF Preprints*, 13 May 2020.
<https://doi.org/10.31219/osf.io/evq8a>
- [11] Lobo, Matheus P. “A Hole in the Black Hole.” *OSF Preprints*, 18 Apr. 2019. <https://doi.org/10.31219/osf.io/js7rf>
- [12] Lobo, Matheus P. “Gödel’s Incompleteness Theorem in a Nutshell.” *OSF Preprints*, 4 Sept. 2019.
<https://doi.org/10.31219/osf.io/gphsk>
- [13] Lobo, Matheus P. “Time Travel: Coexistence of Past, Present, and Future?” *OSF Preprints*, 2 Sept. 2019.
<https://doi.org/10.31219/osf.io/7ruay>
- [14] Lobo, Matheus P. “Cancer: Division by Zero.” *OSF Preprints*, 20 Jan. 2020. <https://doi.org/10.31219/osf.io/34uft>
- [15] Lobo, Matheus P. “Teacher as a Researcher in Pure Mathematics.” *OSF Preprints*, 9 Dec. 2019.
<https://doi.org/10.31219/osf.io/849gh>
- [16] Lobo, Matheus P. “Pre-requisites for Frobenius Theorem (in Real Division Algebras).” *OSF Preprints*, 15 June 2019.
<https://doi.org/10.31219/osf.io/gv8js>
- [17] COS. *Open Science Framework*. <https://osf.io>
- [18] CC. Creative Commons. *Attribution 4.0 International (CC BY 4.0)*. 2019. <https://creativecommons.org/licenses/by/4.0>
- [19] Lobo, Matheus P. “Simple Guidelines for Authors: Open Journal of Mathematics and Physics.” *OSF Preprints*, 15 Nov. 2019.
<https://doi.org/10.31219/osf.io/fk836>
- [20] Lobo, Matheus P. “Open Journal of Mathematics and Physics (OJMP).” *OSF*, 21 Apr. 2020.
<https://doi.org/10.17605/osf.io/6hzyp>

The Open Collaboration

Matheus Pereira Lobo (lead author, mplobo@uft.edu.br)^{1,2}
<https://orcid.org/0000-0003-4554-1372>

¹Federal University of Tocantins (Brazil)

²Universidade Aberta (UAb, Portugal)