

Erratum

Erratum to: Minimally deformed wormholes

Francisco Tello-Ortiz^{1,a}, S. K. Maurya^{2,b}, Pedro Bargueño^{3,c}

- ¹ Departamento de Física, Facultad de Ciencias Básicas, Universidad de Antofagasta, Casilla 170, Antofagasta, Chile
- ² Department of Mathematical and Physical Sciences, College of Arts and Science, University of Nizwa, Nizwa, Sultanate of Oman
- ³ Departamento de Física Aplicada, Universidad de Alicante, Campus de San Vicente del Raspeig, 03690 Alicante, Spain

Received: 7 August 2022 / Accepted: 11 August 2022 / Published online: 24 August 2022 \circledcirc The Author(s) 2022

Erratum to: Eur. Phys. J. C (2021) 81:426

https://doi.org/10.1140/epjc/s10052-021-09179-5

In Sect. 5.2 **Model # 2** of the published article, Eq. (60) is written as

$$ds^2 = -dt^2 + dR^2 + \alpha R^2 d\Omega^2. \tag{1}$$

However, the last term is not correct. Since this model has a topological defect, instead of (60), the proper line element should be written as follows

$$ds^{2} = -dt^{2} + dR^{2} + (1 - \alpha)R^{2}d\Omega^{2}.$$
 (2)

Now, it is clear that for $\alpha < 0$ there is a solid angle excess, whilst for $0 < \alpha < 1$ there is a solid angle deficit, as was explained along the manuscript.

Open Access This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons licence, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons licence, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons licence and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this licence, visit http://creativecommons.org/licenses/by/4.0/.

Funded by SCOAP³. SCOAP³ supports the goals of the International Year of Basic Sciences for Sustainable Development.

The original article can be found online at https://doi.org/10.1140/epic/s10052-021-09179-5.

^a e-mail: francisco.tello@ua.cl (corresponding author)

^b e-mail: sunil@unizwa.edu.om

^c e-mail: pedro.bargueno@ua.es

