

**CORRECTION**

**Open Access**



# Correction to: Infinitely many solutions for a class of fractional Schrödinger equations with sign-changing weight functions

Yongpeng Chen<sup>1</sup> and Baoxia Jin<sup>2\*</sup>

The original article can be found online at <https://doi.org/10.1186/s13661-022-01667-1>

\*Correspondence:

[jinboxia888@126.com](mailto:jinboxia888@126.com)

<sup>2</sup>Department of Mathematics and Science, Liuzhou Institute of Technology, Liuzhou, 545006, P.R. China

Full list of author information is available at the end of the article

Correction to: *Bound Value Probl* **2022**, 86 (2022). <https://doi.org/10.1186/s13661-022-01667-1>

In the original article [1], Lemmas 2.3, 2.4, 2.5, 2.6, 3.1, 3.2, 3.3 and the proof of Theorem 1.1 were adapted from the reference [14] (Jalilian, Y., Szulkin, A.: Infinitely many solutions for semilinear elliptic problems with sign-changing weight functions. *Appl. Anal.* **93**(4), 756–770 (2014)).

## Author details

<sup>1</sup>School of Science, Guangxi University of Science and Technology, Liuzhou, 545006, P.R. China. <sup>2</sup>Department of Mathematics and Science, Liuzhou Institute of Technology, Liuzhou, 545006, P.R. China.

Published online: 08 May 2023

## References

1. Chen, Y., Jin, B.: Infinitely many solutions for a class of fractional Schrödinger equations with sign-changing weight functions. *Bound. Value Probl.* **2022**, 86 (2022). <https://doi.org/10.1186/s13661-022-01667-1>
14. Jalilian, Y., Szulkin, A.: Infinitely many solutions for semilinear elliptic problems with sign-changing weight functions. *Appl. Anal.* **93**(4), 756–770 (2014)

## Publisher's Note

Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.

© The Author(s) 2023. **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/>.