



Correction to: LRD spectral analysis of multifractional functional time series on manifolds

Diana P. Ovalle–Muñoz¹ · M. Dolores Ruiz–Medina¹

© The Author(s) 2024

Correction to: TEST

<https://doi.org/10.1007/s11749-023-00913-7>

In equation (3.7), the following post-publication correction consisting of interchanging the function exponents $L(\theta)$ and $l(\theta)$ in such an equation was necessary. Specifically, the correct expression of equation (3.7) of the article would be:

$$\int_{-\pi}^{\pi} \|\mathcal{F}_{\omega}\|_{\mathcal{S}(L^2(\mathbb{M}_d, dv; \mathbb{C}))}^2 d\omega = \sum_{n \in \mathbb{N}_0} \delta(n, d) \int_{-\pi}^{\pi} |f_n(\omega)|^2 d\omega$$
$$\leq \left\{ \left[\int_{-\pi}^{-1} + \int_1^{\pi} \right] |\omega|^{-2l(\theta)} + \int_{-1}^1 |\omega|^{-2L(\theta)} \right\} \|\mathcal{M}_{\omega}\|_{\mathcal{S}(L^2(\mathbb{M}_d, dv; \mathbb{C}))}^2 d\omega < \infty.$$

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/>.

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

The original article can be found online at <https://doi.org/10.1007/s11749-023-00913-7>.

✉ M. Dolores Ruiz–Medina
mruiz@ugr.es

¹ Faculty of Sciences, University of Granada, Avd, Fuente Nueva s/n, 18071 Granada, Spain