Revista Matemática Complutense (2024) 37:525–526
https://doi.org/10.1007/s13163-023-00482-1

CORRECTION

Correction to: A monotonicity result for the first Steklov–Dirichlet Laplacian eigenvalue

Nunzia Gavitone[1] · **Gianpaolo Piscitelli**[1]

Published online: 2 December 2023

Correction to: Revista Matemática Complutense https://doi.org/10.1007/s13163-023-00465-2

The equation appearing in the statement of Theorem 4.1 is

$$\frac{d^2}{dt^2}\sigma(t) = -2\int_{B_r(t)} |\nabla H\left(|\nabla u^t|\langle w,\nu\rangle\right)|^2 dx - \frac{1}{r}\int_{\partial B_r(t)} |\nabla u^t|^2 d\mathcal{H}^{n-1} - \frac{3n-4}{r}\int_{\partial B_r(t)} |\nabla u^t|^2 \left(\langle w,\nu\rangle\right)^2 d\mathcal{H}^{n-1},$$

It has to be replaced by

$$\frac{d^2}{dt^2}\sigma(t) - \frac{2(n-1)}{r}\frac{d}{dt}\sigma(t) = -2\int_{B_r(t)} |\nabla H\left(|\nabla u^t|\langle w,\nu\rangle\right)|^2 dx - \frac{1}{r}\int_{\partial B_r(t)} |\nabla u^t|^2 d\mathcal{H}^{n-1} - \frac{n-2}{r}\int_{\partial B_r(t)} |\nabla u^t|^2 \left(\langle w,\nu\rangle\right)^2 d\mathcal{H}^{n-1},$$

The original article can be found online at https://doi.org/10.1007/s13163-023-00465-2.

✉ Gianpaolo Piscitelli
gianpaolo.piscitelli@unina.it

Nunzia Gavitone
nunzia.gavitone@unina.it

[1] Dipartimento di Matematica e Applicazioni "R. Caccioppoli", Università degli Studi di Napoli Federico II, Via Cintia, Complesso Universitario Monte S. Angelo, 80126 Naples, Italy