



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

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The equation appearing in the statement of Theorem 4.1 is

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

It has to be replaced by

$$\begin{aligned} \frac{d^2}{dt^2} \sigma(t) - \frac{2(n-1)}{r} \frac{d}{dt} \sigma(t) = & -2 \int_{B_r(t)} |\nabla H(|\nabla u^t| \langle w, v \rangle)|^2 dx \\ & - \frac{1}{r} \int_{\partial B_r(t)} |\nabla u^t|^2 d\mathcal{H}^{n-1} - \frac{n-2}{r} \int_{\partial B_r(t)} |\nabla u^t|^2 (\langle w, v \rangle)^2 d\mathcal{H}^{n-1}, \end{aligned}$$

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