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Corrigendum to: “Sharp $L^p$ Hardy type and uncertainty principle inequalities on the sphere”. (English) Zbl 07472393
J. Math. Inequal. 15, No. 4, 1597-1600 (2021)

Summary: The aim of this note is to put straight the inaccuracy in Theorem 1 of the paper mentioned in the title [the authors, ibid. 13, No. 4, 1011–1022 (2019; Zbl 1435.26012)]. The inaccuracy was due to an omission of a factor in the proof of the theorem.

MSC:
26D10 Inequalities involving derivatives and differential and integral operators
46E30 Spaces of measurable functions ($L^p$-spaces, Orlicz spaces, Köthe function spaces, Lorentz spaces, rearrangement invariant spaces, ideal spaces, etc.)
53C21 Methods of global Riemannian geometry, including PDE methods; curvature restrictions

Keywords:
Hardy inequality; best constant; geodesic; sectional curvature

Full Text: DOI

References:

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