

CORRIGENDUM TO: “SHARP L^p HARDY TYPE AND UNCERTAINTY PRINCIPLE INEQUALITIES ON THE SPHERE”

ABIMBOLA ABOLARINWA*, KAMILU RAUF AND SONGTING YIN

Abstract. The aim of this note is to put straight the inaccuracy in Theorem 1 of the paper mentioned in the title (J. Math. Ineq. 13 (4), 1011–1022). The inaccuracy was due to an omission of a factor in the proof of the theorem.

Mathematics subject classification (2020): Primary 26D10, 46E30; Secondary 53C21.

Keywords and phrases: Hardy inequality, best constant, geodesic, sectional curvature.

REFERENCES

- [1] A. ABOLARINWA, K. RAUF, S. YIN, *Sharp L^p Hardy type and uncertainty principle inequalities on the sphere*, J. Math. Ineq. **13** (4), 1011–1022.