From the text: A few years ago Prof. Yurii Nikonorov and Ming Xu found a gap in my paper [ibid. 27, No. 1, 56–64 (2017; Zbl 1364.53041)] on homogeneity and bounded isometries. In lines 2 and 3 of the third paragraph of the proof of [loc. cit., Theorem 2.5] it was only shown that $\text{Ad}(sk)$ is bounded, and from that it should have been shown that $\text{Ad}(s)$ is bounded. Now Prof. Nikonorov modified my original proof, completing the argument, and agreed to its publication as a correction. The statement of the theorem is unchanged; the modified argument uses a result of M. Moskowitz [Monatsh. Math. 85, 323–336 (1978; Zbl 0391.22004)].

MSC:
53C20 Global Riemannian geometry, including pinching
53C30 Differential geometry of homogeneous manifolds
22E25 Nilpotent and solvable Lie groups

Full Text: DOI

References:


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