

Binh, T. Q.

On weakly symmetric Riemannian spaces. (English) [Zbl 0797.53041](#)
Publ. Math. 42, No. 1-2, 103-107 (1993).

A Riemannian space V_n is locally symmetric if $\nabla R = 0$. Consecutive weakening of this gives V_n with recurrent curvature, pseudo-symmetric (p.s.) V_n [*M. C. Chaki*, An. Ştiinţ. Univ. Al. I. Cuza Iaşi, Nouv. Sér., Sect. Ia 33, No. 1, 53-58 (1987; [Zbl 0626.53037](#))], and weakly symmetric (w.s.) V_n [*L. Tamássy* and the author, Colloq. Math. Soc. János Bolyai 56, 663-670 (1992; [Zbl 0791.53021](#))] concerning p.s. V_n are transferred to a w.s. V_n .

Reviewer: [L. Tamássy \(Debrecen\)](#)

MSC:

[53C35](#) Differential geometry of symmetric spaces
[53B20](#) Local Riemannian geometry

Cited in **2** Reviews
Cited in **13** Documents

Keywords:

recurrent curvature; pseudo-symmetric; weakly symmetric