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On the quasigroup properties of prosymmetric spaces with zero curvature. (English)

[Zbl 1081.53507](#)

Shelekhov, A. (ed.), Webs and quasigroups, 2002. Tver: Tver State University (ISBN 5-7609-0221-0). 78-84 (2002).

The authors consider some geometric and algebraic properties of affinely connected manifolds with zero curvature having common geodesic lines with another symmetric manifold. The nontrivial subclass of proabelian spaces with zero curvature is discussed.

For the entire collection see [[Zbl 1018.00009](#)].

Reviewer: [A. M. Shelekhov \(Tver'\)](#)

MSC:

[53B05](#) Linear and affine connections

[20N05](#) Loops, quasigroups

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

Keywords:

[affinely connected manifold](#); [geodesic line](#)