

Sabinin, L. V.

Smooth hyporeductive loops. (English) [Zbl 0747.22002](#)

Webs and quasigroups. ("Nonlinear geometric algebra-89"), Tver', 129-137 (1991).

[For the entire collection see [Zbl 0742.00044](#).]

The infinitesimal theory of smooth left hyporeductive loops generalizing the theory of left Bol loops is constructed. A system of special vector fields is connected with a left hyporeductive loop. Conversely, every such system determines a unique local smooth left hyporeductive loop.

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

MSC:

[22A22](#) Topological groupoids (including differentiable and Lie groupoids)

[20N05](#) Loops, quasigroups

[53A60](#) Differential geometry of webs

[22A30](#) Other topological algebraic systems and their representations

Cited in **1** Review
Cited in **2** Documents

Keywords:

[smooth left hyporeductive loops](#); [left Bol loops](#); [vector fields](#)