

Werk

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Remark. The author does not know whether there exists a quasigroup Q with the following properties:

- (i) Q is a WA -quasigroup,
- (ii) there is $a \in Q$ such that $aa \notin \mathcal{D}(Q)$.

This problem is equivalent to the one whether any loop satisfying the N_α - and N^α -laws for some automorphism α need be Moufang.

References

- [1] *D. G. Murdoch*, Quasigroups which satisfy certain generalized associative laws, *Amer. J. Math.* 61 (1939), 509—522.
- [2] *T. Kepka*, Regular mappings of groupoids, *Acta Univ. Carol. Math. et Phys.* 12 (1971), 25—37.
- [3] *А. Г. Курош*, Теория групп, Москва 1967.
- [4] *H. Orlik-Pflugfelder*, A special class of Moufang loops, *Proc. Amer. Math. Soc.* 26 (1970), 583—586.
- [5] *R. H. Bruck*, A survey of binary systems, Springer Verlag, 1966.
- [6] *В. Д. Белоусов*, Основы теории квазигрупп и луп, Москва 1967.

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