Summary: We prove that the lattice reduct of every lattice-ordered pregroup is semidistributive. This is a consequence of a certain weak form of the distributive law which holds in lattice-ordered pregroups.

MSC:

06F05 Ordered semigroups and monoids
06B99 Lattices

Keywords:

pregroups; ℓ-pregroups; residuated lattices

Full Text: DOI

References:


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