

About the lattice of sub(quasi)varieties of the class of pointed Abelian l-groups

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Abstract

The varieties of MV-algebras, classified by Komori correspond to varieties of positively pointed abelian l-groups, as shown by Young, via the Mundici functor. We will generalize this result to classification of all subvarieties of pointed Abelian l-groups. We will moreover generalize this result to the class of quasivarieties generated by chans, using the classification of universal theories of MV-algebras provided by Gispert.