

Topological Spaces of monadic MV -algebras

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It is constructed covariant functor γ from the category of monadic MV -algebra into the category of Q -distributive lattices, i. e. distributive lattices with quantifier introduced by R. Cignoli. For every monadic MV -algebra, it is constructed dual object named MQ -space which is a special subcategory of spectral spaces - Q -spaces developed by R. Cignoli for Q -distributive lattices.