

On finitely generated free and projective monadic Gödel algebras

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Monadic Gödel algebras are algebraic counterpart of the extension of the monadic Intuitionistic logic (MIPC) by the linearity axiom: $(p \rightarrow q) \vee (q \rightarrow p)$. A description and characterization of finitely generated free and projective algebras by means of general (MIPC-) frames is given.