A Representation for Monadic MV-algebras generated by a finite chain

Marina Beatriz Lattanzi and Gustavo Alejandro Petrovich

Facultad de Ciencias Exactas y Naturales
Universidad Nacional de La Pampa
Av. Uruguay 151 - Santa Rosa, La Pampa.

Categorical equivalences between the varietes of Monadic MV-algebras generated by a finite chain and the classes of Monadic Boolean algebras endowed with certain family of their filters are given. Using these equivalences, it is prove that every Monadic MV-algebra generated by a finite chain can be represented by a rich algebra.