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δ-Ideals in pseudo-complemented distributive join-semilattices

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Shriram K. Nimbhorkar and Jaya Y. Nehete

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Abstract

The concept of a δ-ideal is introduced in a pseudo-complemented distributive join semilattice with 0 and some properties of these ideals are obtained. We also give a characterization for a pseudo-complemented distributive join-semilattice to be a Stone join-semilattice. Also, in a distributive join-semilattice a characterization for an ideal to be a δ-ideal is proved.

We recommend

From noncommutative diagrams to anti-elementary classes
Friedrich Wehrung, Journal of Mathematical Logic, 2020

Quasi-complemented posets
Vinayak Joshi et al., World Scientific Book, 2022

Lattices of Matrix Rows and Matrix Columns: Lattices of Invariant Column Eigenvectors
World Scientific Book

A Lecture on Pseudo-Complemented Almost Distributive Lattices
World Scientific Book

Axioms for Lattices and Boolean Algebras
R Padmanabhan et al., World Scientific Book, 2008

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