

## NOETHERIAN AND ARTINIAN PSEUDO *MV*-ALGEBRAS

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### Abstract

The notions of Noetherian pseudo *MV*-algebras and Artinian pseudo *MV*-algebras are introduced and their characterizations are established. Characterizations of them via fuzzy ideals are also given.

**Keywords:** pseudo *MV*-algebra, (fuzzy) ideal, Noetherian (Artinian) pseudo *MV*-algebra.

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