

## COMMUTATIVE DIRECTOIDS WITH SECTIONALLY ANTITONE BIJECTIONS

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### Abstract

We study commutative directoids with a greatest element, which can be equipped with antitone bijections in every principal filter. These can be axiomatized as algebras with two binary operations satisfying four identities. A minimal subvariety of this variety is described.

**Keywords:** directoid, section antitone bijection, implication algebra, double implication algebra.

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