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On Banach Lattice Algebras



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 [Keywords](#)
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Abstract: In this study, without using the assumption $a^{-1} > 0$, it is shown that E is lattice - and algebra - isometric isomorphic to the reals \mathbb{R} whenever E is a Banach lattice f -algebra with unit e , $|e| = 1$, in which for every $a > 0$ the inverse a^{-1} exists. Subsequently, an alternative proof to a result of Huijsmans is given for Banach lattice algebras.

Key Words: Algebra, inverse, lattice



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