

JORDAN ISOMORPHISMS OF FINITARY INCIDENCE ALGEBRAS

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Let X be a partially ordered set, R a commutative 2-torsionfree unital ring and $FI(X, R)$ the finitary incidence algebra [3] of X over R . We prove that each R -linear Jordan isomorphism of $FI(X, R)$ onto an R -algebra A is the near-sum [2] of a homomorphism and an anti-homomorphism which partially generalizes one of the result by E. Akkurt *et al.* [1].

This is a joint work with Rosali Brusamarello and Erica Zancanella Fornaroli from Maringá State University (Maringá, Brazil).

REFERENCES:

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