

Regular antilattices

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Abstract

Antilattices $(S; \vee, \wedge)$ for which the Green's equivalences $\mathcal{L}_{(\vee)}$, $\mathcal{R}_{(\vee)}$, $\mathcal{L}_{(\wedge)}$ and $\mathcal{R}_{(\wedge)}$ are all congruences of the entire antilattice are studied and enumerated.

Keywords: Noncommutative lattice, antilattice, Green's equivalences, lattice of subvarieties, enumeration, partition, composition.

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Regularne antimreže

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Povzetek

Obravnavamo in preštavamo antimreže $(S; \vee, \wedge)$, za katere so Greenove ekvivalence $\mathcal{L}_{(\vee)}, \mathcal{R}_{(\vee)}, \mathcal{L}_{(\wedge)}$ in $\mathcal{R}_{(\wedge)}$ tudi kongruence na celotni antimreži.

Ključne besede: Nekomutativna mreža, antimreža, Greenove ekvivalence, mreža podraznoterosti, preštevaje, particija, kompozicija.

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