

FILTERS OF LATTICES WITH RESPECT TO A CONGRUENCE

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Abstract

Some properties of filters on a lattice L are studied with respect to a congruence on L . The notion of a θ -filter of L is introduced and these filters are then characterized in terms of classes of θ . For distributive L , an isomorphism between the lattice of θ -filters of L and the lattice of filters of L/θ is obtained.

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