

FIXED POINT PROPERTY FOR GENERAL TOPOLOGIES IN BANACH LATTICES

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Abstract. In this paper we use methods developed in [8] to extend fixed point results for Banach lattices obtained for the weak topology in [3] and [4] to other topologies. We obtain conditions which guarantee that Banach lattices which have topology τ have τ -normal structure and τ -fixed point property.

Key Words and Phrases: order uniform noncreasiness, τ -fixed point property, Banach lattice.

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