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Realcompactification of frames

Comment.Math.Univ.Carolinae 36,2 (1995) 349-358.

Abstract: We give a construction of Wallman-type realcompactifications of a frame L by considering regular sub σ -frames the join of which generates L . In particular, we show that the largest such regular sub σ -frame gives rise to the universal realcompactification of L .

Keywords: frame, σ -frame, realcompactification

AMS Subject Classification: 18D35, 54D35, 54D52, 54J05