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Characterizing realcompact spaces as limits of approximate polyhedral systems

Comment.Math.Univ.Carolinae 36,4 (1995) 783-793.

Abstract: Realcompact spaces can be characterized as limits of approximate inverse systems of Polish polyhedra.

Keywords: approximate inverse system, approximate inverse limit, approximate resolution $mod\mathcal{P}$, realcompact space, Lindelöf space, Polish space, non-measurable cardinal

AMS Subject Classification: 54B25, 54C56, 54D30