

Many weak P-sets

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It is known that for each continuous image of \mathbb{N}^* , there is a nowhere dense weak P-set of \mathbb{N}^* that maps irreducibly onto it. We generalize this for every compact space of weight at most \mathfrak{c} . This allows us to show that there is a weak P-set in \mathbb{N}^* which is homeomorphic to \mathbb{N}^* . This generalizes a result of the second-named author and answers a problem posed before 1990.

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