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Nowhere dense subsets and Booth's Lemma

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Abstract: The following statement is proved to be independent from $[LB + \neg CH]$:
(*) Let X be a Tychonoff space with $c(X) \leq \aleph_0$ and $\pi w(X) < \mathfrak{C}$. Then a union of less than \mathfrak{C} of nowhere dense subsets of X is a union of not greater than $\pi w(X)$ of nowhere dense subsets.

Keywords: nowhere dense subset, Booth's Lemma, π -weight

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