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Selections on Ψ -spaces

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Abstract: We show that if \mathcal{A} is an uncountable AD (almost disjoint) family of subsets of ω then the space $\Psi(\mathcal{A})$ does not admit a continuous selection; moreover, if \mathcal{A} is maximal then $\Psi(\mathcal{A})$ does not even admit a continuous selection on pairs, answering thus questions of T. Nogura.

Keywords: MAD family, Vietoris topology, continuous selection

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