

TOPOLOGICAL GAMES AND SELECTION PROPERTIES OF HYPERSPACES

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Given a Hausdorff space X we denote by 2^X the family of all closed subsets of the space X .

In this report we continue to research relationships between closure-type properties of hyperspaces over a space X and covering properties of X . We investigate selectors for sequence of subsets of the space 2^X with the upper Fell topology (\mathbf{F}^+ -topology) and the \mathbf{Z}^+ -topology. Also we consider the topological games and the selection properties of the bitopological space $(2^X, \mathbf{F}^+, \mathbf{Z}^+)$.

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