LOCAL CONNECTEDNESS IN HYPERSPACE TOPOLOGY

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ABSTRACT. In this paper, we study some local properties, namely local connectedness of the collection $\theta(X)$ of all nonempty θ-closed subsets of a topological space (X, σ) endowed with a new type of hyperspace topology τ. We also investigate the local connectedness of the subspace $C(X)$ and $C_K(X)$ of $\theta(X)$.

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