

On generalized metric properties of the hyperspace $\mathcal{F}(X)$

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We present some results concerning several generalized metric properties of the space $\mathcal{F}(X)$ of finite subsets of a space X endowed with the Vietoris topology. In particular, we consider such properties (P) for which $\mathcal{F}(X)$ has (P) if and only if X has (P) . Also, we identify a few properties (Q) such that X has (Q) whenever $\mathcal{F}(X)$ has (Q) , but the converse is not true.