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A continuum X such that $C(X)$ is not continuously homogeneous

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Abstract: A metric continuum X is said to be continuously homogeneous provided that for every two points $p, q \in X$ there exists a continuous surjective function $f : X \rightarrow X$ such that $f(p) = q$. Answering a question by W.J. Charatonik and Z. Garncarek, in this paper we show a continuum X such that the hyperspace of subcontinua of X , $C(X)$, is not continuously homogeneous.

Keywords: continuum; continuously homogeneous; hyperspace

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