



Algunas propiedades topológicas de la C-normalidad

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Analítica

A topological space X is C -normal if there exists a bijective function $f: X \rightarrow Y$, for some normal space Y , such that the restriction $f|_C: C \rightarrow f(C)$ is a homeomorphism for each compact $C \subset X$. The purpose of this work is to extend the known classes of C -normal spaces and clarify the behavior of C -normality under several usual topological operations; in particular, it is proved that C -normality is not preserved under closed subspaces, unions, continuous and closed images, and inverse images under perfect functions. These results are used to answer some questions raised in [1], [2] and [6].

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