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## **Mixing Homeomorphisms and Indecomposability**

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*Abstract:* I will discuss if  $h : X \rightarrow X$  is a mixing homeomorphism on a  $G$ -like continuum, then  $X$  must be indecomposable and if  $X$  is finitely cyclic, then  $X$  must be  $1/n$ -indecomposable for some natural number  $n$ . Furthermore, I give an example of a mixing homeomorphism on a tree-like continuum  $Y$  such that  $Y$  is hereditary decomposable.