

Minimal sets on continua with dense free intervals

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Although the study of minimal sets has a significant role in topological dynamics, a complete characterization of topological structure of minimal sets is known only for a few classes of metrizable spaces, e.g., for zero-dimensional metrizable spaces, graphs or local dendrites. It is also known for homeomorphisms on regular continua.

In this talk I will speak about topological structure of minimal sets on continua with dense free intervals and locally connected remainders. This class includes important spaces such as the topologist's sine curve or the Warsaw circle. I will present results holding for such continua in general and also some statements holding for special subclasses.