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Mixing set on dendrites

Verónica Martínez de la Vega (UNAM)
vmvm@matem.unam.mx

Abstract: We prove that if X is a dendrite and $f : X \rightarrow X$ is a continuous map with a mixing set M , then the inverse limit (f, X) contains a $\frac{1}{2}$ -indecomposable nondegenerate subcontinuum.