Seminario de Geometría y Topología

Rotation set and entropy for attracting annular continua

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Resumen:

We consider a homeomorphism of the annulus having an irreducible annular continuum as an attractor. We prove that if the rotation set in the attractor is non trivial then the homeomorphism has positive topological entropy. Besides, we show that the size of the rotation set does not imply a lower bound of the topological entropy.

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