

Let f be an homeomorphism mapping a topological space X to itself or a flow on X . An heteroclinic point, or heteroclinic intersection, is a point that belongs to the intersection of the stable set of x with the unstable set of y , where x and y are two different fixed or periodic points of f , i.e. a point that belongs to $W^s(f, x) \cap W^u(f, y)$.