

# On Attractors and its Basins.

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In this poster I will show that a generic Sectional Axiom A vector field is either Anosov or Lebesgue measure of its non-wandering set is zero and the Lebesgue measure of the union of the basins of its attractors is total. As a consequence I will show that in dimension 3 a generic vector field either has infinitely many sinks or sources of the Lebesgue measure of the union of the basins of its attractors is total. The results above is a joint work with Alexander Arbieto.