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## globally attracting fixed point

 ${\bf Canonical\ name} \quad {\bf Globally Attracting Fixed Point}$ 

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An attracting fixed point is considered globally attracting if its stable manifold is the entire space. Equivalently, the fixed point  $x^*$  is globally attracting if for all  $x, x(t) \to x^*$  as  $t \to \infty$ .