- 2012 Ashwin et al.
    - 1. Bifurcations
    - 2. Noise
    - 3. Rate
- Definition: "A tipping point is a point in a system where a small change in put causes a large change in output
- "BASIC" system
    - dx/dt = f(x) <- State variable
- Goal: Find x(t)
    - Qualitative characteristics of solution
    - Long-term behavior
        - dx/dt = 0
    - numerical solution
- 1. Bifurcation tipping
    - First method for finding it: tracking radius
    - Second method: Steklov Averages
- Bifurcation diagram of sea ice in the Arctic
- Differential equation with noise to describe arctic sea ice seasonality.
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