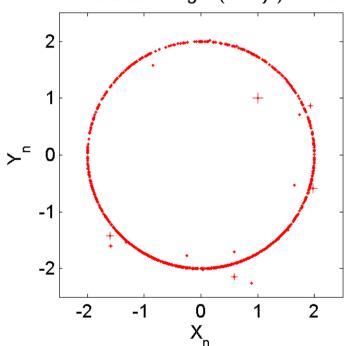
Bemerkung 2.10: Grenzmengen

Invariante Mengen

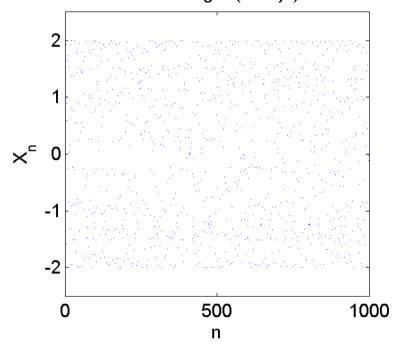
$$X_{n+1} = a \sin(\sqrt{X_n^2 + Y_n^2} X_n)$$

 $Y_{n+1} = \sqrt{X_n^2 + Y_n^2} \cos(aX_n)$





Invariante Menge $(x^2 + y^2)^{1/2} = 2$





Martin-Luther-Universität Halle-Wittenberg, Institut für Mathematik Martin Arnold: Dynamische Systeme und numerische Analysis (wis 2009/10)