Figure: $\mathbb{T} = \mathbb{Z}$, $y_0 = 0.9$, $r = -0.1$, $t_0 = 0$, $a = \log(y_0)$, $\delta = a$

- $y^\Delta(t) = (\ominus r)(t) y(t) L_y(t, 0; a)$
- $y(t + 1) = -r y(t) \log(y(t))$
- $y(t + 1) = y(t)^{-\delta r + 1}$
- $y'(t) = y(t) \log(y(t))$