(a) Panel showing activity y and $x(t)$ versus time t, with legend entries: sim., linear, $\mathcal{O}(\alpha)$. Inset shows time t versus $\max(\text{Re}(\tilde{\lambda}_\alpha))$.

(b) Scatter plot of κ_η, nonlinear system versus κ_η, linear system, colored by $\|\mu\|$.