

Erratum for theme 1

Wrong:

$$\begin{aligned}\dot{q}_1 &= -\gamma_1 q_1 + q_1 q_2 \\ \dot{q}_2 &= -\gamma_2 q_1 + \alpha q_1 + \beta q_1^2 \\ \gamma_2 &> 0, \gamma_2 \gg \gamma_1, \alpha > 0, \beta > 0\end{aligned}$$

Correct:

$$\begin{aligned}\dot{q}_1 &= -\gamma_1 q_1 + q_1 q_2 \\ \dot{q}_2 &= -\gamma_2 q_2 + \alpha q_1 + \beta q_1^2 \\ \gamma_2 &> 0, \gamma_2 \gg \gamma_1, \alpha > 0, \beta > 0\end{aligned}$$