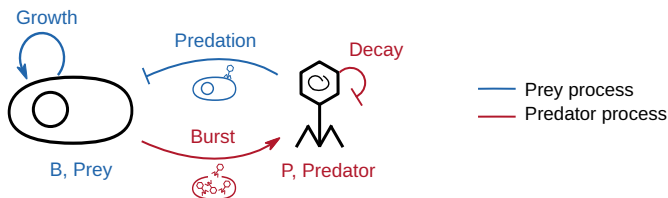


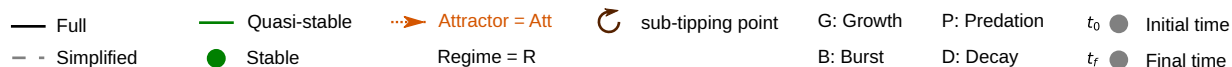
a)

$$\frac{dB}{dt} = \underbrace{rB}_{\text{Growth}} - \underbrace{aBP}_{\text{Predation}}$$

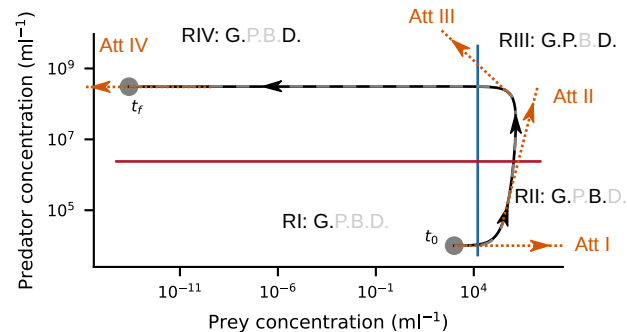
$$\frac{dP}{dt} = \underbrace{caBP}_{\text{Burst}} - \underbrace{mP}_{\text{Decay}}$$



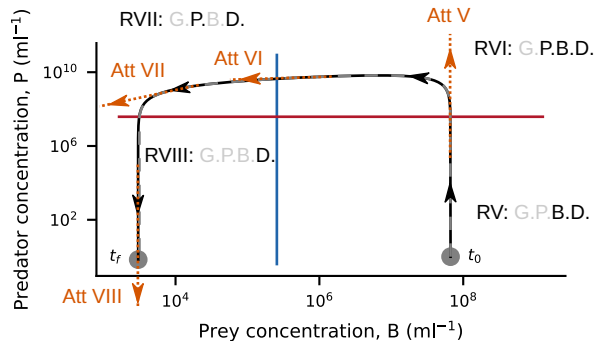
b)



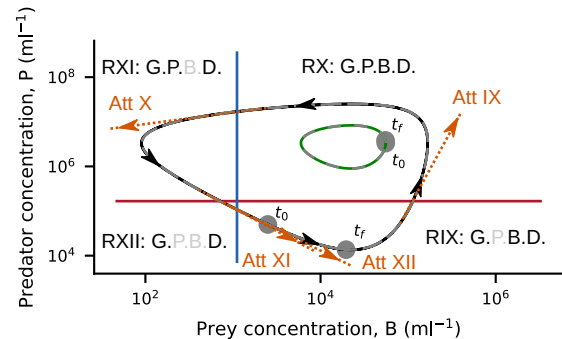
b1) Growth-on, decay-off



b2) Growth-off, decay-on



b3) Growth-on, decay-on



b4) Growth-off, decay-off

