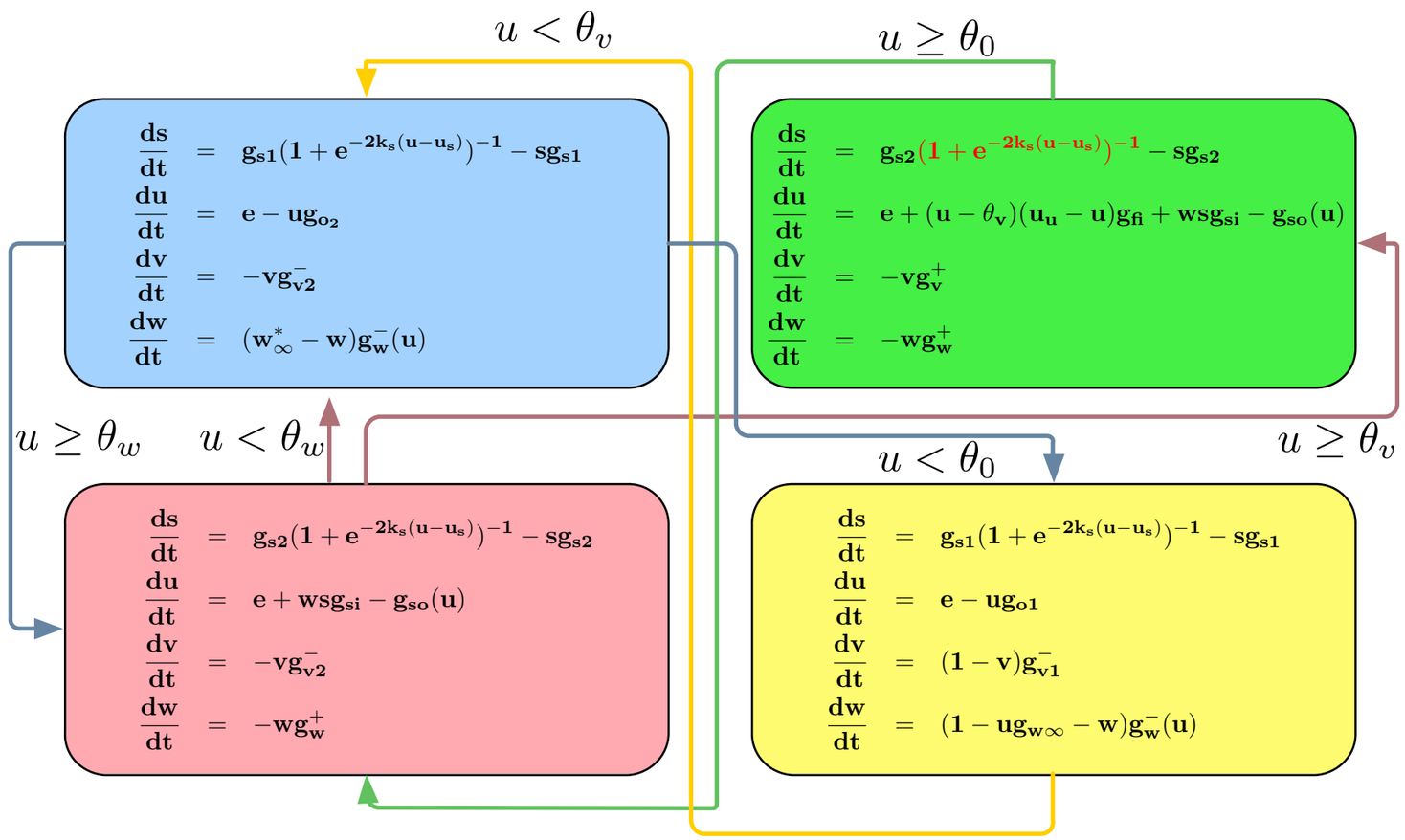
$u < \theta_v$
$u \geq \theta_0$
$\frac{ds}{dt} = g_{s1}(1 + e^{-2k_s(u-u_s)})^{-1} - sg_{s1}$
$\frac{du}{dt} = e - ug_{o_2}$
$\frac{dv}{dt} = -vg^-_{v2}$
$\frac{dw}{dt} = (w^*_\infty - w)g^-_w(u)$
$\frac{ds}{dt} = g_{s2}(1 + e^{-2k_s(u-u_s)})^{-1} - sg_{s2}$
$\frac{du}{dt} = e + (u - \theta_v)(u_u - u)g_{fi} + wsg_{si} - g_{so}(u)$
$\frac{dv}{dt} = -vg^+_v$
$\frac{dw}{dt} = -wg^+_w$
$u \geq \theta_w$
$u < \theta_w$
$u < \theta_0$
$u \geq \theta_v$
$\frac{ds}{dt} = g_{s2}(1 + e^{-2k_s(u-u_s)})^{-1} - sg_{s2}$
$\frac{du}{dt} = e + wsg_{si} - g_{so}(u)$
$\frac{dv}{dt} = -vg^-_{v2}$
$\frac{dw}{dt} = -wg^+_w$
$\frac{ds}{dt} = g_{s1}(1 + e^{-2k_s(u-u_s)})^{-1} - sg_{s1}$
$\frac{du}{dt} = e - ug_{o1}$
$\frac{dv}{dt} = (1 - v)g^-_{v1}$
$\frac{dw}{dt} = (1 - ug_{w\infty} - w)g^-_w(u)$