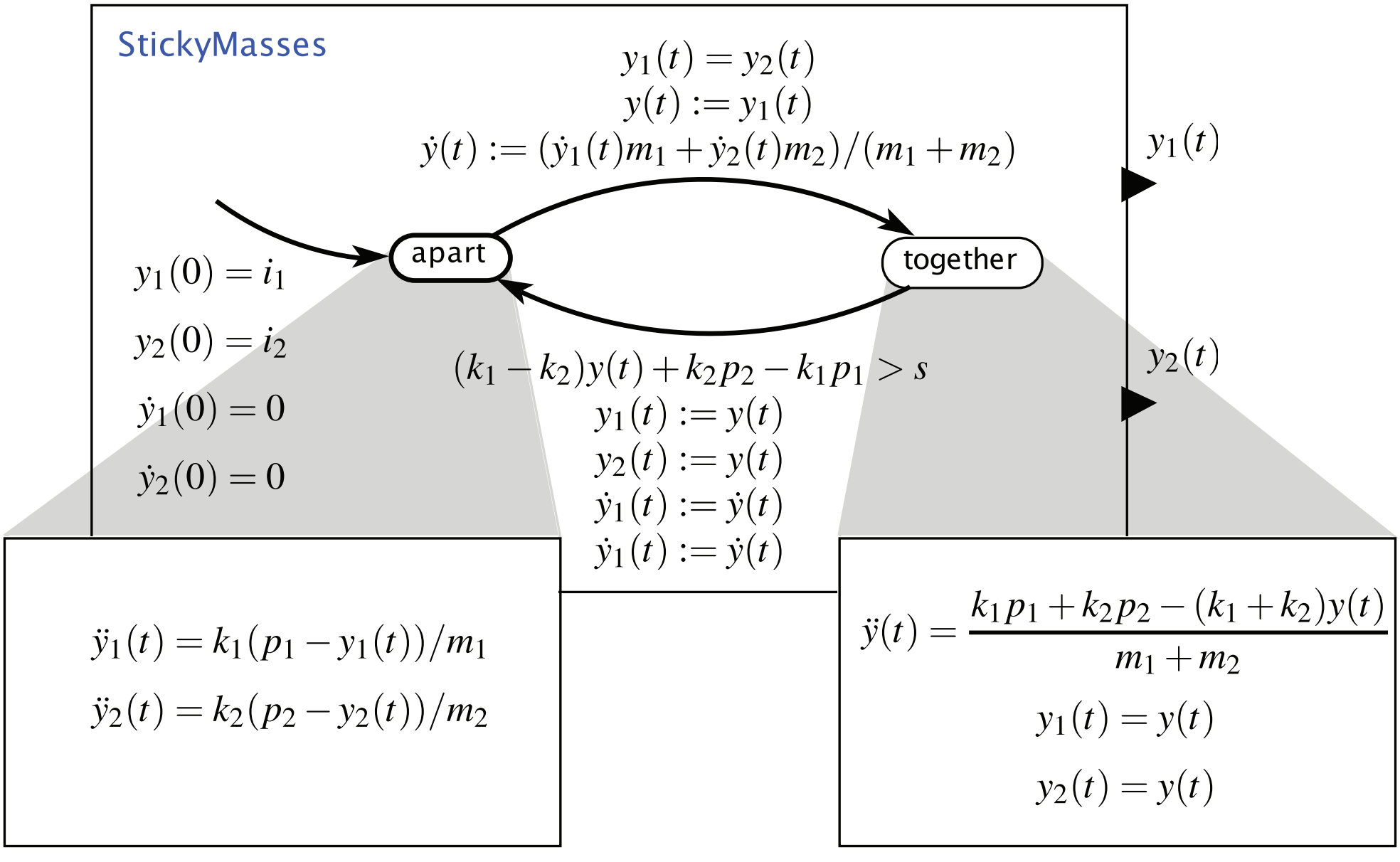
StickyMasses
$y_1(t) = y_2(t)$
$y(t) := y_1(t)$
$\dot{y}(t) := (\dot{y}_1(t)m_1 + \dot{y}_2(t)m_2)/(m_1 + m_2)$
$y_1(t)$
$y_1(0) = i_1$
$y_2(0) = i_2$
$\dot{y}_1(0) = 0$
$\dot{y}_2(0) = 0$
apart
together
$(k_1 - k_2)y(t) + k_2p_2 - k_1p_1 > s$
$y_1(t) := y(t)$
$y_2(t) := y(t)$
$\dot{y}_1(t) := \dot{y}(t)$
$\dot{y}_1(t) := \dot{y}(t)$
$y_2(t)$
$\ddot{y}_1(t) = k_1(p_1 - y_1(t))/m_1$
$\ddot{y}_2(t) = k_2(p_2 - y_2(t))/m_2$
$\ddot{y}(t) = \frac{k_1p_1 + k_2p_2 - (k_1 + k_2)y(t)}{m_1 + m_2}$
$y_1(t) = y(t)$
$y_2(t) = y(t)$