$\text{appVersion}(4) = \texttt{"0.99.6884.37264"}$

$$D(t, y, k) := \begin{bmatrix} -k_1 \cdot y_1 \\ k_1 \cdot y_1 - k_2 \cdot y_2 \\ k_2 \cdot y_2 \end{bmatrix}$$

$k := \text{stack}(1, 0.4)$ $AbsTol := 10^{-4}$ $RelTol := 10^{-4}$

$y_0 := \text{stack}(1, 0, 0)$ $t_{min} := 0$ $t_{max} := 10$ $N := 30$

$\text{res} := \text{mwode113}\left(y_0, t_{min}, t_{max}, N-1, D\right]^{\blacksquare}$

$\text{res} := \text{mwode23}\left(y_0, t_{min}, t_{max}, N-1, D\right]^{\blacksquare}$

$\text{res} := \text{mwode45}\left(y_0, t_{min}, t_{max}, N-1, D\right]^{\blacksquare}$
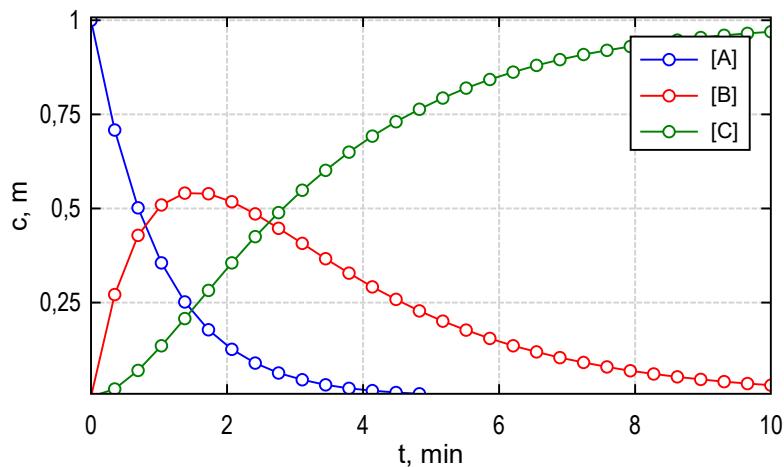
$\text{res} := \text{mwode15s}\left(y_0, t_{min}, t_{max}, N-1, D\right]^{\blacksquare}$

$\text{res} := \text{mwode23s}\left(y_0, t_{min}, t_{max}, N-1, D\right)$

$T := \text{col}(\text{res}, 1)$

$$ABC := \begin{cases} \text{augment}(T, \text{col}(\text{res}, 2)) \\ \text{augment}(T, \text{col}(\text{res}, 3)) \\ \text{augment}(T, \text{col}(\text{res}, 4)) \end{cases}$$

Kinetic curves

ABC