$\text{appVersion}(4) = \text{"0.99.6956.134"}$

$$D(t, y, k) := \begin{bmatrix} \dfrac{k_1 \cdot y_1 \cdot y_2}{k_2 + y_2} \\ -0.75 \cdot \dfrac{k_1 \cdot y_1 \cdot y_2}{k_2 + y_2} \end{bmatrix}$$
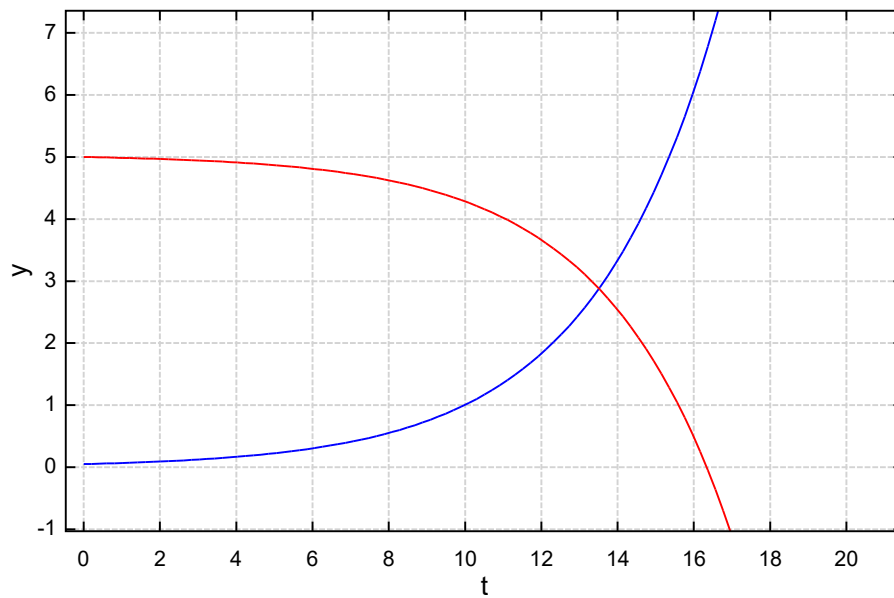
$k := \text{stack}\left(0.3, 10^{-6}\right) \qquad AbsTol := 10^{-5} \qquad RelTol := 10^{-5}$

$y := \text{stack}(0.05, 5) \qquad t_{min} := 0 \quad t_{max} := 20 \qquad N := 100$

$res := \text{RK547M}\left(y, t_{min}, t_{max}, N-1, D\right)$ ■

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

$T := \text{col}(res, 1) \qquad Y1 := \text{col}(res, 2) \qquad Y2 := \text{col}(res, 3)$



$\begin{cases} \text{augment}(T, Y1) \\ \text{augment}(T, Y2) \end{cases}$