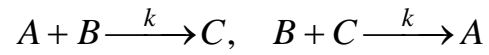


Practice 2

Consider the chemical reactions:



with $[A] + [C] = 3$ at time $t = 0$. Show that $y = [B]$ satisfies

$$y(t) = y_0 e^{-3kt}$$

taking into account that $y(t)|_{t=0} = y_0$.

(2 points)