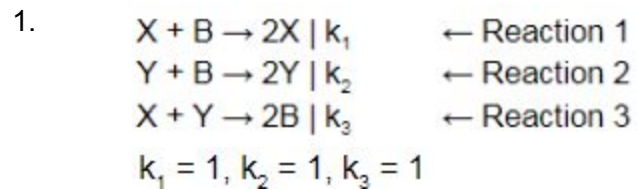


Practice using tellurium to simulate these simple chemical networks.

Simulate the reaction networks 1 and 2 in Tellurium. Compare your Tellurium, species concentration Vs. time, plots with those found below. Use the initial concentrations found below.

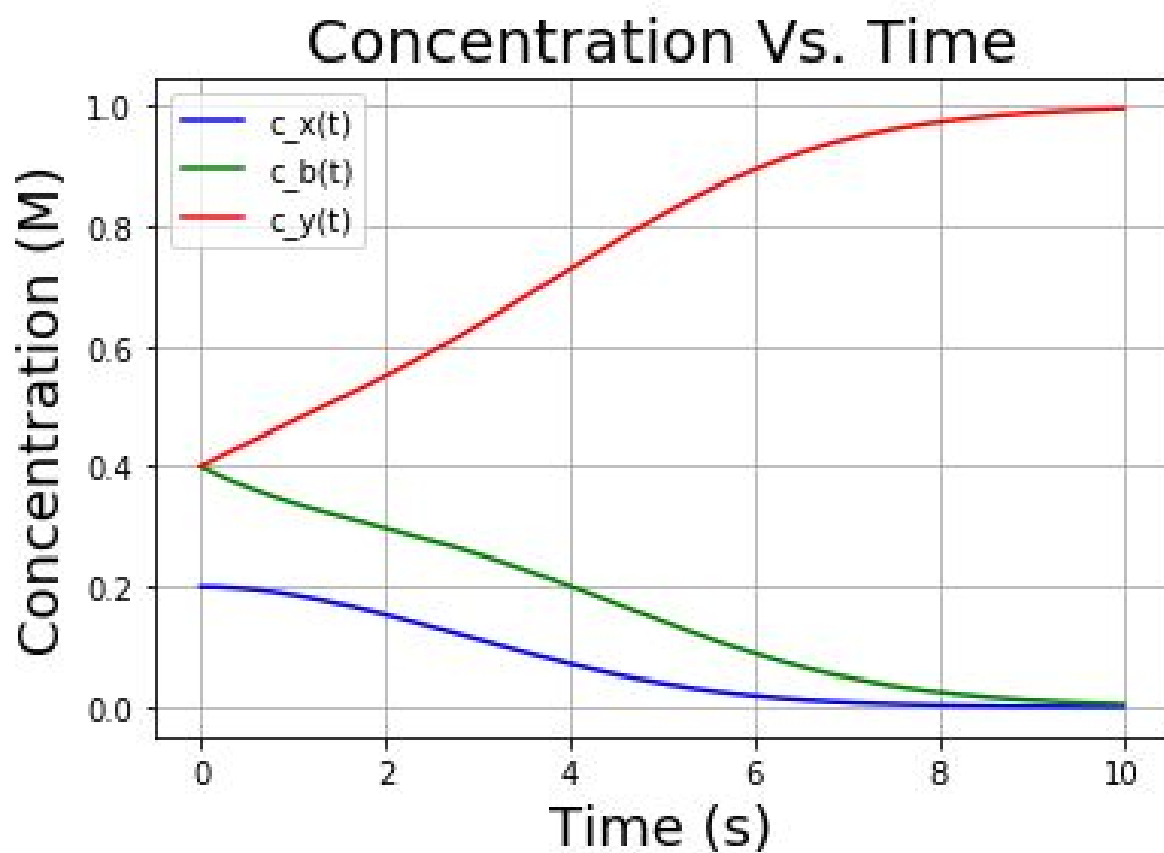


Solving ODE for

$$c_{\theta_x} = 0.2$$

$$c_{\theta_b} = 0.4$$

$$c_{\theta_y} = 0.4$$



2.



$$k_1 = 1, k_2 = 1, k_3 = 1$$

Simulate this reaction network in Tellurium and compare species concentration Vs. time.
Compare to ODE simulation with initial concentration in the figure below.

Solving ODE for

$$c_{\theta_a} = 0.2$$

$$c_{\theta_b} = 0.3$$

$$c_{\theta_c} = 0.5$$

