$$A \rightleftharpoons B$$

$$A \rightleftharpoons B \smile$$

$$C \smile$$

$$A \xrightarrow{k_1} \emptyset \xrightarrow{k_2} C$$

$$-\frac{d \Gamma A I}{d t} = k_1 \Gamma A I \Rightarrow [A I] = [A I] = [A I] e^{-k_1 t}$$

$$\frac{d \Gamma B I}{d t} = k_1 \Gamma A I - k_2 \Gamma B I$$

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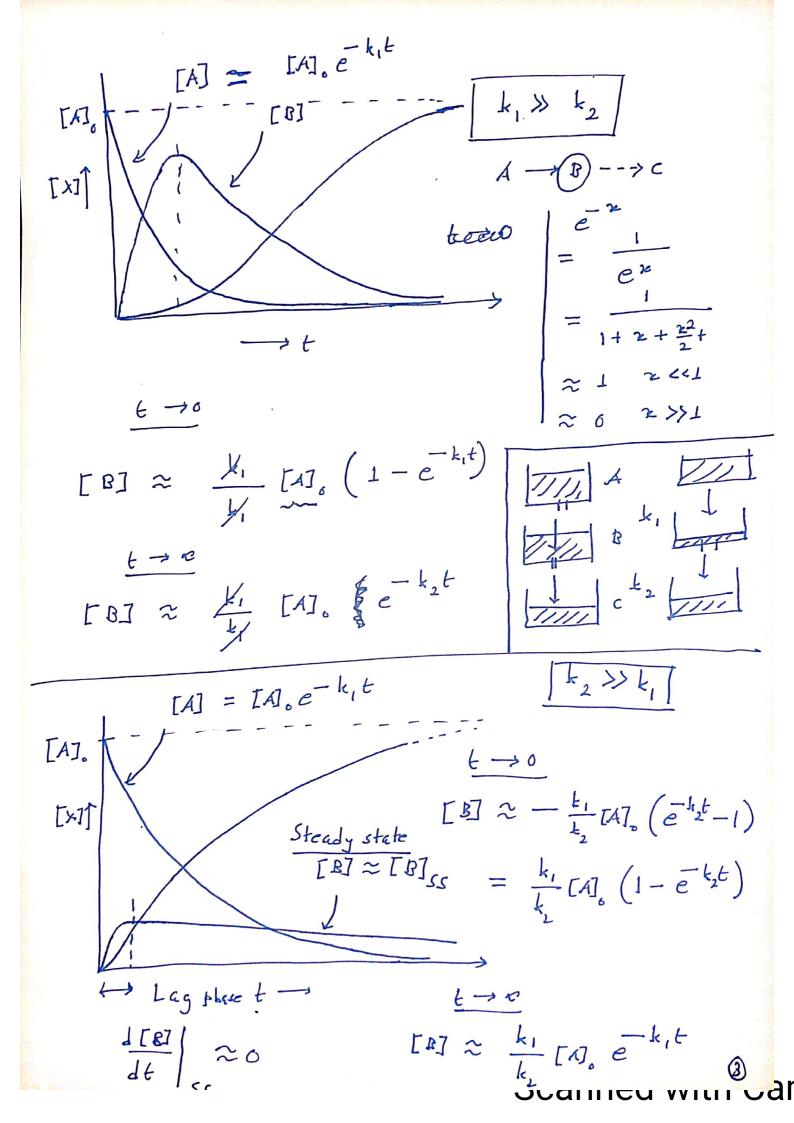
$$\frac{d \Gamma B I}{d t} = k_1 \Gamma A I - k_2 \Gamma B I$$

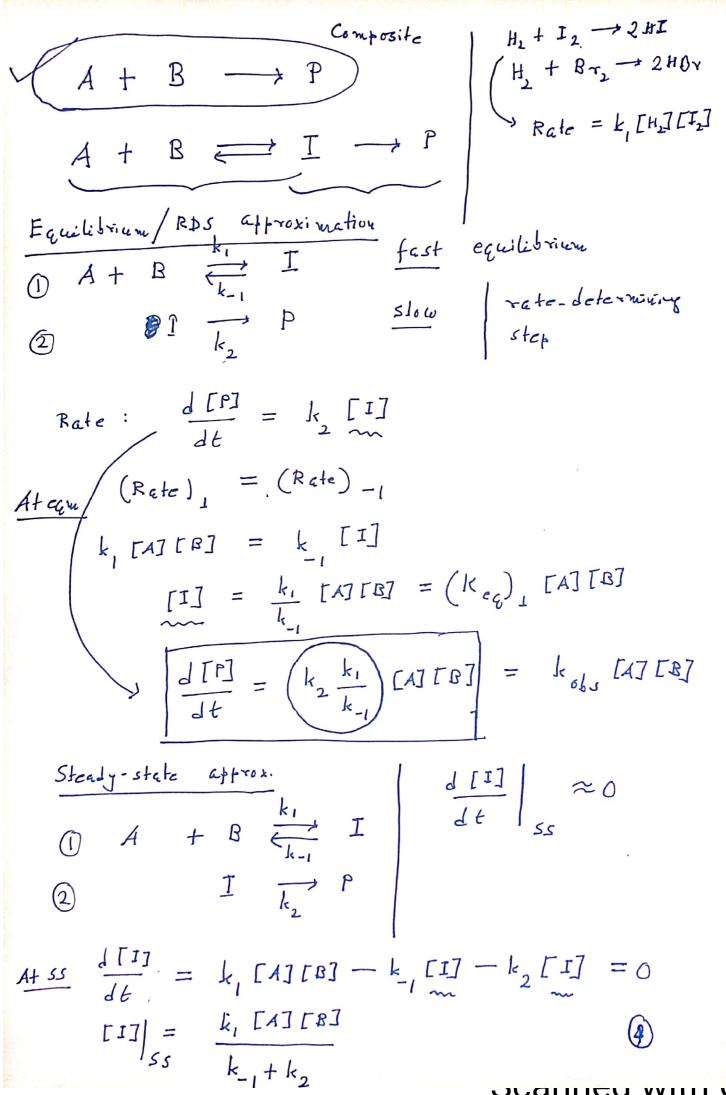
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$$\frac{d \Gamma B I}{d t} = k_1 \Gamma$$





Refe:
$$\frac{d[P]}{dt} = k_2 [I]$$

$$\frac{dP}{dt} = \frac{k_2 k_1}{k_{-1} + k_2} [A] [B]$$

$$\approx \frac{k_2 k_1}{k_{-1}} [A] [B] = Refe | R DS Approx$$

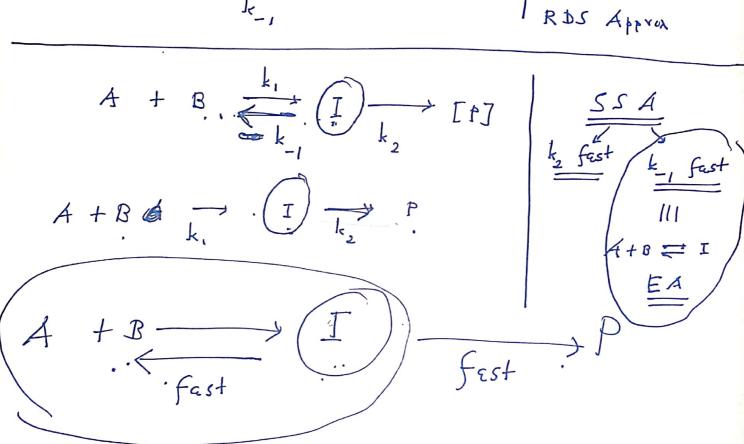
$$A + B = k_2 [I]$$

$$A + B = k_3 [I]$$

$$A + B = k_4 [I]$$

$$A + B = k_5 [I]$$

$$A + B = k_5$$



$$A + B + C \longrightarrow P$$

$$Expt = k_1 TA I S$$

$$k_2 TR I + C \longrightarrow P$$