$$\mathcal{Q}(t) \in \mathcal{A}_{t}^{t} + C$$

$$\mathcal{M}' + \mathcal{C}(t) = 0 \implies \mathcal{M} = \mathcal{M}_{t}^{t} + C$$

$$\mathcal{N}' \mathcal{M} = \mathcal{Q}(t)$$

$$\mathcal{N}' = \mathcal{Q}(t) = 0$$

$$\mathcal{M}' = \mathcal{Q}(t) = 0$$

$$\mathcal{M}' = \mathcal{Q}(t) = 0$$

$$\mathcal{M}' = \mathcal{M}_{t}^{t} = 0$$

$$\mathcal{M}' = 0$$

M+8(+)W=0 du = - Plt/ll /du = \-/(t/6t MM = - Sp(t)dt M-P-Soltidt

$$\frac{\left(\begin{array}{c} Y'+P(-1)Y=Q(+) \\ Y_{0} \end{array}\right)}{\left(\begin{array}{c} \dot{X} \\ \dot{Y} \end{array}\right)-A\left(\begin{array}{c} X \\ Y \end{array}\right)}$$

$$\left(\begin{array}{c} \dot{X} \\ \dot{Y} \end{array}\right)-\left(\begin{array}{c} Q_{1} & Q_{2} \end{array}\right)\left(\begin{array}{c} X \\ Y \end{array}\right)$$

$$\left(\begin{array}{c} X \\ \dot{Y} \end{array}\right)-\left(\begin{array}{c} Q_{1} & Q_{2} \end{array}\right)\left(\begin{array}{c} X \\ Y \end{array}\right)$$

$$\left(\begin{array}{c} X \\ Y \end{array}\right)-\left(\begin{array}{c} Q_{1} & Q_{2} \end{array}\right)\left(\begin{array}{c} X \\ Y \end{array}\right)$$

$$Y = e^{\int A(t)} \left(\frac{\partial A}{\partial t} \right) \left(\frac{\partial A}{\partial t$$

$$Q = \lambda Q + b \cdot e^{\lambda t}$$

$$S = b \cdot b \cdot e^{\lambda t}$$

$$Q = e^{\lambda t} \left[\int b \cdot e^{\lambda t} e^{-\lambda t} dt + C \right]$$

$$Q = e^{\lambda t} \left[b \cdot b \cdot t + C \right]$$

$$\left(\begin{array}{c} 0\\ 5 \end{array}\right) = \left(\begin{array}{c} 50 \\ 50 \end{array}\right) e^{\lambda t}$$

$$\begin{pmatrix} 1 & 0 \\ 1 & 1 \end{pmatrix} \begin{pmatrix} 2 & 1 \\ 0 & 2 \end{pmatrix} \begin{pmatrix} 1 & 0 \\ 1 & 1 \end{pmatrix}^{-1}$$

$$\lambda'_{1} = \frac{2}{2} + \sqrt{2'-4\Delta}$$

$$|\lambda_{1} - \lambda_{1}| < 10^{-10}$$

$$|\Delta_{1}| < 10^{-11}$$

1)-0.0001

$$\begin{array}{l}
X(t=0) = X_{0} \\
X - X = 0
\end{array}$$

$$\frac{dX}{dt} = +X \times X$$

$$\int \frac{dX}{dt} = -X \times X$$

$$X_{0} = e^{K} e^{\lambda(t-s_{0})}$$

$$X_{0} = e^{K}$$

$$X_{0} = e^{K}$$

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$$X_{0} = e^{K}$$