wando A tiene aigenvalores distintos

$$i = 1$$

$$N = 2$$

$$X_{1} Ut) = M_{11} e^{\lambda_{1}t} + M_{12} e^{\lambda_{2}t}$$

$$N = 2$$

$$X_{2} Ut) = M_{21} e^{\lambda_{1}t} + M_{22} e^{\lambda_{2}t}$$

$$\begin{bmatrix} \dot{\mu}_{1}(\mathbf{v}) \\ \dot{\psi}_{2}(\mathbf{v}) \end{bmatrix} = \begin{bmatrix} \mathbf{M}_{11} & \mathbf{M}_{12} \\ \mathbf{M}_{21} & \mathbf{M}_{21} \end{bmatrix} \begin{bmatrix} \mathbf{e}^{\mathbf{M}_{1}} \\ \mathbf{e}^{\mathbf{M}_{2}} \end{bmatrix}$$

$$A \frac{x'}{r} = \gamma x'$$

ST mij y ri en preden cultular entences.

$$\begin{bmatrix} x_1 & w \\ x_2 & w \end{bmatrix} = \begin{bmatrix} m_{11} & m_{12} \\ m_{21} & m_{22} \end{bmatrix} \begin{bmatrix} e^{x_1 t} \\ e^{x_2 t} \end{bmatrix} \text{ as who solvation de } \mathring{x}(w) = A \checkmark w$$