$$y=e^{t}$$

$$y=e^{t}$$

$$y=be$$

$$e^{t}=ae^{t}$$

$$y=b\cdot ae^{at}$$

$$y=e^{kt}$$

$$y=b\cdot ae^{at}$$

$$y=e^{kt}$$

$$y=e$$

$$\frac{y_{1}(t)}{y_{2}(t)} = \frac{a_{11}y_{1}(t) + a_{12}y_{2}(t)}{y_{2}(t)} \\
\frac{y_{2}(t)}{y_{2}(t)} = \frac{a_{21}y_{1}(t) + a_{22}y_{2}(t)}{a_{21}} \\
\frac{y_{1}(t)}{y_{2}(t)} = \frac{a_{12}y_{1}(t) + a_{22}y_{2}(t)}{a_{21}a_{22}} \\
\frac{y_{1}(t)}{y_{2}(t)} = \frac{y_{1}(t)}{y_{2}(t)} \\
\frac{y_{1}(t)}{y_{2}(t)} = \frac{y_{1}(t)}{y_{2}(t)} \\
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\frac{y_{2}(t)}{y_{2}(t)} = \frac{y_{2}(t)}{y_{2}(t)} \\
\frac{y_$$

$$Y(t) = \begin{bmatrix} y_1 \\ y_2 \end{bmatrix}$$

$$\dot{\chi}(t) = A \chi(t)$$

Would like.

Find a vice form of A So we can compute Am easily. It is always possible to find a matrix P. []] [-] -





