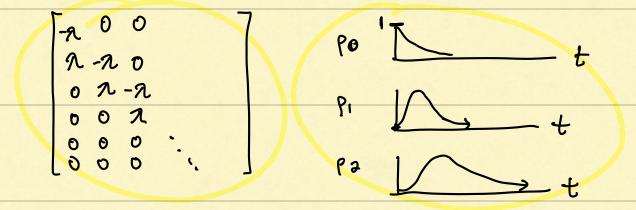


$$\frac{d}{dt} \begin{bmatrix} P_1 \\ \vdots \\ P_N \end{bmatrix} = \begin{bmatrix} \sum_{i=1}^{N} \lambda_{i1} & \lambda_{i1} \\ \lambda_{i2} & \vdots \\ \lambda_{iN} & \vdots \\ \lambda_{iN}$$

EX countine poisson events of t



EX TWO MUTATIONS

nu	-22
um	2
mu	2
mm	[0]

$$\begin{bmatrix} -2 & M_2 & M_1 \\ a2 & -M_2 & 0 \end{bmatrix} \xrightarrow{A60}$$

$$\begin{bmatrix} GAI & 0 \\ 1 & -A \end{bmatrix} \xrightarrow{AN7}$$

$$M_1 \rightarrow \infty$$
, $\rho_{AN7} \rightarrow 0$

$$M_1 \rightarrow 0 \text{ AND } M_2 \neq 0$$
, $\rho_{AN7} \rightarrow 1$

$$Q \neq 1$$