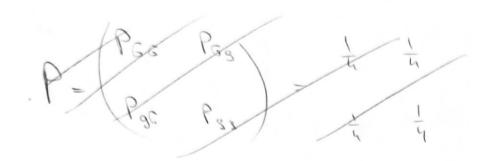
NH.1



NHI

$$P = \begin{pmatrix} \frac{1}{2} & \frac{1}{2} & 0 \\ \frac{1}{4} & \frac{1}{2} & \frac{1}{4} \\ 0 & \frac{1}{2} & \frac{1}{2} \end{pmatrix} = \begin{pmatrix} \frac{1}{2} & \frac{1}{4} & 0 \\ \frac{1}{2} & \frac{1}{2} & \frac{1}{2} \\ 0 & \frac{1}{2} & \frac{1}{2} \end{pmatrix}$$

Anepassina

$$M_0 = M_0 = \begin{pmatrix} \frac{1}{4}, \frac{1}{2}, \frac{1}{4} \end{pmatrix}^T$$

$$M_1 = PM_0 = \begin{pmatrix} \frac{1}{4}, \frac{1}{2}, \frac{1}{4} \end{pmatrix}^T$$

$$M_3 = P^3M_0 = \begin{pmatrix} \frac{1}{4}, \frac{1}{2}, \frac{1}{4} \end{pmatrix}^T$$

$$M_3 = P^3M_0 = \begin{pmatrix} \frac{1}{4}, \frac{1}{2}, \frac{1}{4} \end{pmatrix}^T$$

Een comprodoarno e (Gg), To Mn= Eoust =

& henrygue zame muss, uno!

$$P_{m} = \begin{pmatrix} x_{1} & x_{2} & x_{3} \\ \frac{1}{2} & \frac{1}{2} & \frac{1}{2} \end{pmatrix}, \quad \chi_{1}^{m} = \chi_{1}^{m-1} \begin{pmatrix} x_{1} & x_{2} \\ x_{2} & x_{3} \end{pmatrix} + \frac{1}{8} + 0$$

$$\begin{pmatrix} x_{1} & x_{2} & x_{3} \\ x_{2} & x_{3} & x_{4} \end{pmatrix}$$

$$\begin{pmatrix} x_{1} & x_{2} & x_{3} \\ x_{4} & x_{4} & x_{4} \end{pmatrix}$$

$$\frac{d^{n}}{dt} = \frac{1}{2} \frac{d^{n-1}}{dt} + \frac{1}{8}$$

$$\frac{d^{n}}{dt} = \frac{1}{2} \frac{d^{n-1}}{dt} + \frac{1}{8}$$

$$\frac{d^{n}}{dt} = \frac{1}{2} \frac{d^{n-1}}{dt} + \frac{1}{8} = \frac{1}{2} \frac{d^{n}}{dt} = \frac{1}{2} \frac{d^{n}}{dt}$$

$$\frac{d^{n}}{dt} = \frac{1}{2} \frac{d^{n}}{dt} + \frac{1}{4} = \frac{1}{2} = \frac{1}{2} \frac{d^{n}}{dt}$$

$$\frac{d^{n}}{dt} = \frac{1}{2} \frac{d^{n}}{dt} + \frac{1}{2} = \frac{1}{2} \frac{d^{n}}{dt} + \frac{1}{2} = \frac{1}{2} \frac{d^{n}}{dt}$$

$$\frac{d^{n}}{dt} = \frac{1}{2} \frac{d^{n}}{dt} + \frac{1}{2} = \frac{1}{2} \frac{d^{n}}{dt} + \frac{1}{2} = \frac{1}{2} \frac{d^{n}}{dt}$$

$$\frac{d^{n}}{dt} = \frac{1}{2} \frac{d^{n}}{dt} + \frac{1}{2} = \frac{1}{2} \frac{d^{n}}{dt} + \frac{1}{2} = \frac{1}{2} \frac{d^{n}}{dt}$$

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$$\frac{d^{n}}{dt} = \frac{1}{2} \frac{d^{n}}{dt} + \frac{1}{2} = \frac{1}{2} \frac{d^{n}}{dt} + \frac{1}{2} = \frac{1}{2} \frac{d^{n}}{dt}$$

$$\frac{d^{n}}{dt} = \frac{1}{2} \frac{d^{n}}{dt} + \frac{1}{2} \frac{d^{n}}{dt} + \frac{1}{2} \frac{d^{n}}{dt} + \frac{1}{2} \frac{d^{n}}{dt}$$

$$\frac{d^{n}}{dt} = \frac{1}{2} \frac{d^{n}}{dt} + \frac{1}{2} \frac{d^{n}}{dt} + \frac{1}{2} \frac{d^{n}}{dt} + \frac{1}{2} \frac{d^{n}}{dt}$$

$$\frac{d^{n}}{dt} = \frac{1}{2} \frac{d^{n}}{dt} + \frac{1}{2} \frac{d^{n}}{dt} + \frac{1}{2} \frac{d^{n}}{dt} + \frac{1}{2} \frac{d^{n}}{dt}$$

$$\frac{d^{n}}{dt} = \frac{1}{2} \frac{d^{n}}{dt} + \frac{1}{2} \frac{d^{n}}{dt} + \frac{1}{2} \frac{d^{n}}{dt} + \frac{1}{2} \frac{d^{n}}{dt}$$

$$\frac{d^{n}}{dt} = \frac{1}{2} \frac{d^{n}}{dt} + \frac{1}{2} \frac{d^{n}}{dt} + \frac{1}{2} \frac{d^{n}}{dt} + \frac{1}{2} \frac{d^{n}}{dt}$$

$$\frac{d^{n}}{dt} = \frac{1}{2} \frac{d^{n}}{dt} + \frac{1}{2} \frac{d^{n}}{dt} + \frac{1}{2} \frac{d^{n}}{dt} + \frac{1}{2} \frac{d^{n}}{dt}$$

$$\frac{d^{n}}{dt} = \frac{1}{2} \frac{d^{n}}{dt} + \frac{1}{2} \frac{d^{n}}{dt} + \frac{1}{2} \frac{d^{n}}{dt} + \frac{1}{2} \frac{d^{n}}{dt}$$

$$P^{n} = \begin{pmatrix} \frac{1}{4} + (\frac{1}{2})^{n+1} & \frac{1}{4} & \frac{1}{4} - (\frac{1}{2})^{n+1} \\ \frac{1}{4} - (\frac{1}{2})^{n+1} & \frac{1}{4} & \frac{1}{2} \\ \frac{1}{4} - (\frac{1}{2})^{n+1} & \frac{1}{4} & \frac{1}{2} \end{pmatrix}$$