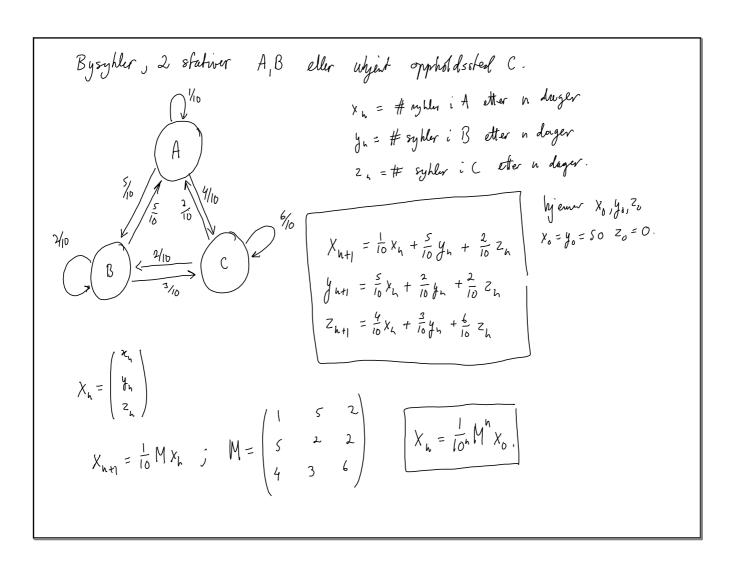
Example:
$$\frac{1}{4}$$
 is after a diagram of the properties of the pr

$$M \mid Mv = \tilde{\lambda}\tilde{\lambda}$$

$$M \cdot Mv = \tilde{\lambda}\tilde{\lambda}v$$

$$M^2v = \tilde{\lambda}Mv = \tilde{\lambda}\tilde{\lambda}v = \tilde{\lambda}^2v$$

$$\overline{M_{J}L} = yML = yyL = y_{J}L$$



$$M = \begin{pmatrix} 1 & 5 & 2 \\ 5 & 2 & 2 \\ 4 & 3 & 6 \end{pmatrix} \qquad \frac{|\Delta \text{ conv.s.}|}{|S \text{ stom.}|} S, \text{ so its } S \text{ as a sign that } M \text{ her source}$$

$$dM(M-MT) = \begin{pmatrix} 1 - 3 & 5 & 2 \\ 5 & 2 - 3 & 2 \\ 4 & 3 & 6 - 3 \end{pmatrix} = (1 - 3) \begin{pmatrix} 2 - 3 & 2 \\ 3 & 6 - 3 \end{pmatrix} - 5 \begin{pmatrix} 5 & 2 \\ 4 & 6 - 3 \end{pmatrix} + 2 \begin{pmatrix} 5 & 2 - 3 \\ 4 & 3 \end{pmatrix}$$

$$= (1 - 3) ((2 - 3)(6 - 3) - 6) - 5 (5 (6 - 3) - 8) + 2 (15 - 4(2 - 2))$$

$$= (1 - 3) (3^3 - 8) + 6 - 5 (22 - 53) + 2 (7 + 43)$$

$$= -3^3 + 23^3 - 63 + 3^3 - 91 + 6 - 110 + 253 + 1/4 + 83$$

$$= -3^2 + 93^3 + 193 - 90 = p(3) \qquad 3 \neq 0 \qquad p(10) = -10^2 + 910^3 + 13 \cdot 10 - 70$$

$$= -1000 + 100 + 150 - 70 = p(3)$$

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$$M = \begin{pmatrix} 1 & 5 & 2 \\ 5 & 2 & 2 \\ 4 & 3 & 6 \end{pmatrix}$$

$$While matrix \begin{pmatrix} -9 & 5 & 2 & 0 \\ 5 & -8 & 2 & 0 \\ 4 & 3 & -4 & 0 \end{pmatrix} \sim \begin{pmatrix} 1 & 5/4 & \frac{3}{4} & 0 \\ 5 & -8 & 2 & 0 \\ 4 & 3 & -4 & 0 \end{pmatrix} \sim \begin{pmatrix} 1 & -\frac{5}{4} & -\frac{7}{4} & 0 \\ 5 & -8 & 2 & 0 \\ 4 & 3 & -4 & 0 \end{pmatrix} \sim \begin{pmatrix} 1 & -\frac{5}{4} & -\frac{7}{4} & 0 \\ 5 & -8 & 2 & 0 \\ 4 & 3 & -4 & 0 \end{pmatrix} \sim \begin{pmatrix} 1 & -\frac{5}{4} & -\frac{7}{4} & 0 \\ 0 & -\frac{7}{4} & -\frac{7}{4} & 0 \\ 0 & 3 + \frac{10}{4} & 7 + \frac{1}{4} & 0 \end{pmatrix} \sim \begin{pmatrix} 1 & -\frac{5}{4} & -\frac{7}{4} & 0 \\ 0 & -\frac{47}{4} & \frac{27}{4} & 0 \\ 0 & \frac{13}{4} & -\frac{19}{4} & 0 \end{pmatrix} \sim \begin{pmatrix} 1 & -\frac{7}{4} & -\frac{3}{4} & 0 \\ 0 & 197 & -28 & 0 \\ 0 & 0 & 0 & 0 \end{pmatrix}$$

$$\sim \begin{pmatrix} 1 & -\frac{5}{4} & \frac{7}{4} & 0 \\ 0 & -\frac{14}{4} & \frac{7}{4} & 0 \\ 0 & 0 & 0 & 0 \end{pmatrix} \sim \begin{pmatrix} 1 & -\frac{7}{4} & \frac{1}{4} & 0 \\ 0 & \frac{13}{4} & -\frac{19}{4} & 0 \\ 0 & 0 & 0 & 0 \end{pmatrix} \sim \begin{pmatrix} 2 & \frac{13}{4} & \frac{14}{4} \\ \frac{17}{4} & \frac{17}{4} & \frac{17}{4} \\ 0 & 0 & 0 & 0 \end{pmatrix}$$