四乙四7連鎖 $P_{m}^{(n)}(x, B) = P(X_{n+m} \in B \mid X_{n} = x)$ のマルユ7性 Mステェッで推納確奉 X ← ZUコ7連鎖 Q(m)= (Pm(1.1) --- Pm (1.N)

Mスでいて。 (Pm (N,1) --- Pm (N.N))

打きなみ なは等(でなり)

$$(AJ)$$

$$P(i,j) = \begin{cases} g & (j=i) \\ (-g) & (j=2) \end{cases}$$

$$Q = \begin{cases} g & (-g) \\ g & (-g) \end{cases}$$

$$\frac{-\frac{5}{3}}{3}q + b = 0$$

$$\frac{1}{3}q = 1$$

$$\frac{3}{3}q = 1$$

$$\frac{3}{3}q = \frac{3}{3}, b = 3$$

atb= 1

$$P_{i,j} = P(X_{n+1} = j-1 \mid X_n = i-1)$$

$$P_{i,j} = P(X_{n+1} = j-1 \mid X_n = i-1)$$

$$Q = \begin{pmatrix} 0 & 0 & 1 \\ 0 & (-\theta & \theta) \\ (-\theta & \theta & \theta) \end{pmatrix}$$

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