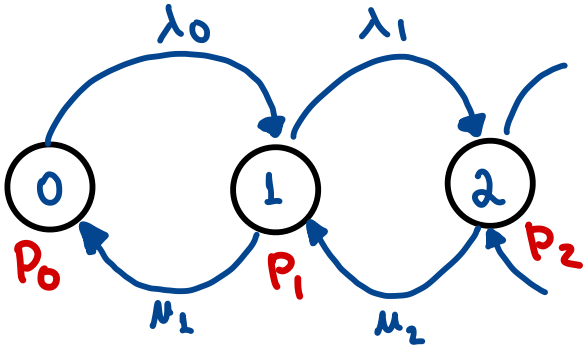
State	Rate IN = Rate OUT
0	$\mu_1 P_1 = \lambda_0 P_0$
1	$\lambda_0 P_0 + \mu_2 P_2 = \lambda_1 P_1 + \mu_1 P_1$
3	$\lambda_1 P_1 + \mu_3 P_3 = \lambda_2 P_1 + \mu_2 P_2$
⋮	⋮
m	



State 0:

$$\mu_1 P_1 = \lambda_0 P_0 \begin{cases} P_1 = \frac{\lambda_0}{\mu_1} P_0 \\ \mu_1 P_1 - \lambda_0 P_0 = 0 \end{cases}$$

State 1:

$$\lambda_0 P_0 + \mu_2 P_2 = \lambda_1 P_1 + \mu_1 P_1$$

$$\mu_2 P_2 - \lambda_1 P_1 = \mu_1 P_1 - \lambda_0 P_0 \quad (-\lambda_0 P_0 = 0)$$

$$\begin{cases} P_2 = \frac{\lambda_1}{\mu_2} P_1 = \frac{\lambda_1}{\mu_2}\frac{\lambda_0}{\mu_1} P_0 \\ \mu_2 P_2 - \lambda_1 P_1 = 0 \end{cases}$$

⋮

State m:

$$P_m = \left(\frac{\lambda_{m-1}}{\mu_m} \frac{\lambda_{m-2}}{\mu_{m-1}} \cdots \frac{\lambda_2}{\mu_3} \frac{\lambda_1}{\mu_2} \frac{\lambda_0}{\mu_1} \right) P_0$$