

distribution after 2 steps:

$$
\begin{aligned}
& \left(P_{B}, P_{O}, P_{G}^{G}\right) \\
& \left(\frac{1}{2}, \frac{5}{24}, \frac{7}{24}\right)^{\prime}
\end{aligned}
$$

## Linear Algebra

The edge probability matrix for a random walk graph is the same as the adjacency matrix, using edge probabilities instead of zeroes and ones.







## 䀎: Questions on Stationary Dist

- ヨstationary dist?
- unique?
- converge to it from any start?
- How quickly?

Sometimes
Varies

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