

P.5.1. Homework

$$q_i = \lim_{n \rightarrow \infty} p_{ij}(n) > 0 \quad \sum q_i = 1$$

$$p_{ji} = \frac{A_{ij}}{k_i}$$

$$q_i = \lim_{n \rightarrow \infty} p_{ij}(n) \stackrel{\text{homogeneous}}{=} \sum_j p_{ij} = \sum_j \frac{A_{ji}}{k_i} = \frac{1}{k_i} \sum_j k_j$$