Asmt 6: Graphs

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Turn in through Canvas by 5pm:
Monday, May 1

1 Finding $q*$ (50 points)

A: (10 points): Run each method (with $t = 1024$, $q_0 = [1, 0, 0, ..., 0]^T$ and $t_0 = 100$ when needed) and report the answers.

Matrix Power	State Propagation	Random Walk	Eigen Analysis
$\begin{bmatrix}0.035758\\0.057212\\0.058092\\0.079217\\0.085818\\0.066014\\0.157905\\0.171636\\0.137309\\0.151040\end{bmatrix}$	$\begin{bmatrix}0.035758\\0.057212\\0.058092\\0.079217\\0.085818\\0.066014\\0.157905\\0.171636\\0.137309\\0.151040\end{bmatrix}$	$\begin{bmatrix}0.00000\\0.50000\\0.50000\\0.00000\\0.00000\\0.00000\\0.00000\\0.00000\\0.00000\\0.00000\end{bmatrix}$	$\begin{bmatrix}0.035758\\0.057212\\0.058092\\0.079217\\0.085818\\0.066014\\0.157905\\0.171636\\0.137309\\0.151040\end{bmatrix}$