- 1 | First, show all eigenvalues are complete and at most 1
- $2\mid$ then, it must converge because the $\lambda=1$ eigenvalues send their inputs to the same thing each time, and the other ones are less than one so they end up going to zero
- 3 | convergence speed: larger non-1 eigenvalues will cause the chain to converge more slowly

Taproot • 2021-2022 Page 1