

Feb. 3	4.4 Limiting Probabilities
Theorem: For an irreducible ergodic (time-homogeneous) Markov chain with transition matrix P ,	
$\lim_{n o \infty} oldsymbol{P}_{ij}^n$	
exists and it does not depend on i (it does generally depend on j).	

Notes: This is a very important theorem!