

CHAPTER 6 POISSON PROCESSES

- 3 DIFFERENT DEFINITIONS
 - THEORY, PROPERTIES
 - THINNING / SUPERPOSITIONING
 - COMPUTATION IN PRACTICAL EXAMPLES
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CHAPTER 7 CONTINUOUS TIME DISCRETE STATE SPACE MARKOV CH.

- $P(t)$ BASIC PROPERTIES...
- DIFFERENCES WITH DISCRETE TIME THEORY
- LIMITING / STATIONARY DISTRIBUT.
- ABSORBING STATES, FUNDAMENTAL MATRIX
- TIME REVERSIBILITY
- EXPONENTIAL MATRIX $P(t) = e^{tQ}$
- QUEUEING THEORY, PRACTICAL COMPUTATIONS!!