



## On some ergodicity properties for time inhomogeneous Markov processes with $T$ -periodic semigroup

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We consider a time inhomogeneous strong Markov process  $(\zeta_t)_{t \geq 0}$  taking values in a Polish state space whose semigroup  $\{P_t(s, \cdot, \cdot)\}_{t \geq s \geq 0}$  is  $T$ -periodic, i.e.,  $P_t(s, \cdot, \cdot) = P_{t+T}(s, \cdot, \cdot)$  for all  $t, s \geq 0$ .

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