

## Moments for stationary Markov chains with asymptotically zero drift

Korshunov Dmitry

We discuss Markov chains on  $\mathbb{R}^+$  with asymptotically zero drift and finite second moments of jumps. We assume that the chain has invariant distribution. The talk is devoted to the existence and non-existence of moments of invariant distribution. Our analysis is based on test functions technique.