

Asymptotic stability of Markov operators in metric spaces

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The aim of this talk is to present recent results concerning the existence of an invariant measure for Feller semigroups acting on the space of bounded Borel functions on a metric space with applications to studying asymptotic stability of such semigroups. Our results complement the classical ones obtained by A. Lasota and J.A. Yorke [3] in proper spaces, and by T. Szarek [4] in Polish spaces.

References

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