

## INTEGRAL REPRESENTATION IN THE SET OF TRANSITION KERNELS

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*Abstract:* We prove a Choquet-type representation and uniqueness theorem for non-compact convex sets of transition kernels between a measurable space and a separable metrizable Radon space. Applications to sets of equivariant kernels and kernels with prescribed values are given. Furthermore, in the framework of statistical decision theory the representation is applied to sets of decision rules.

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**Key words and phrases:** -

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