ON WEAK CONVERGENCE OF ONE-DIMENSIONAL DIFFUSIONS WITH TIME-DEPENDENT COEFFICIENTS

Andrzej Rozkosz

Abstract: We investigate stability, with respect to convergence of coefficients, of one-dimensional Itô diffussions as well as one-dimensional diffusions corresponding to second order divergence form operators. We assume that the coefficients are measurable, uniformly bounded and that the diffusion coefficients are uniformly positive.

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