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J. M. Danskin, tr. 1963, 56p 36refs
Order from AMS in American Mathematical Society
Translations, 1963, ser. 2, v. 34, p. 109-164
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<p>Trans. of Ukrainsky Matematichesky Zhurnal (USSR) 1950, v. 2, no. 3, p. 45-69.</p>	<p>I. Gikhman, I. I.</p>
<p>DESCRIPTORS: *Differential equations, *Statistical functions, Theory.</p>	<p>167599</p>
<p>(Mathematics, TT, v. 6, no. 1)</p>	<p>Office of Technical Services</p>

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DESCRIPTORS: *Differential equations, *Statistical
functions, Theory.

The study is made to (1) establish connection between
Markov processes and independent increment processes (2) provide general determination of random
function differential equations, (3) establish corresponding theorems on their existence and uniqueness,
and (4) obtain a large class of Markov processes which are based upon the differential equations concept. The recommended determination of the differential equation is a modification of corresponding constructions of the theory of differential stochastic
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DESCRIPTORS: *Numerical analysis, *Numerical meth-
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DESCRIPTORS: *Oscillations, Motion, Mathematical
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DESCRIPTORS: *Satellites (Artificial), Motion,
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