GLOBAL ATTRACTING AND QUASI-IN Variant
SETS FOR STOCHASTIC VOLterra-LEVIN
EQUATIONS WITH JUMPS

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Abstract. In this paper, based on two new integral inequalities and stochastic analysis
techniques, the global attracting and quasi-invariant sets of the solution for stochastic
Volterra-Levin equations with Poisson jumps are obtained, respectively. Some well-known
results are generalized and improved.

Keywords. Global attracting, Quasi-invariant, Stochastic Volterra-Levin equations, Pois-
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References


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