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Almost sure convergence and decomposition of multivalued random processes.

(English summary)

Rocky Mountain J. Math. **29** (1999), no. 2, 401–435.

Summary: “This paper examines multi-valued random processes (random sets) with values in a separable Banach space. Several results on the almost sure convergence and decomposition properties of various classes of random processes are established. Special consideration is given to multi-valued submartingales, uniform amarts, weak sequential amarts and amarts of infinite order. In the process some results concerning sequences of vector-valued random variables are also proved.”

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