

NUCLEARITY AND AMARTS OF FINITE ORDER IN LOCALLY CONVEX  
SPACES

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*Abstract:* Nuclearity, the Radon-Nikodym property and vector-valued amarts in locally convex spaces have been extensively studied in recent years by many authors. The main purpose of the paper is to establish some probabilistic characterizations of nuclearity of locally convex spaces in terms of amarts of finite order.

**2000 AMS Mathematics Subject Classification:** Primary: -; Secondary: -;

**Key words and phrases:** -

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