## ON THE CONVERGENCE OF STABLE MEASURES IN A BANACH SPACE

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*Abstract:* In this paper a space of functions generating stable measures on a Banach space is introduced. Some properties of this space are investigated. Then as applications, necessary and sufficient conditions for the weak convergence of stable measures on a Banach space are given. The convergence of sums of independent stable random variables with Banach values is investigated as well.

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