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**Reflexivity, Averaging properties in
Banach spaces and
Brunel-Sucheston's spreading model**

FE-1

We study averaging properties in Banach spaces. First, we seek an averaging property equivalent to the reflexivity in Banach spaces. Second, we investigate averaging properties in Banach space using the Brunel-Sucheston's spreading model.

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**Hyers-Ulam stability problem for an
approximately cubic mapping**

FE-2

The purpose of this paper is to solve the generalized Hyers-Ulam stability problem for a cubic functional equation $8f(x-y/2)+8f(y-x/2)+2f(x+y)=9f(x)+9f(y)$ on the basis of a direct method.
