1017-47-142   **Genady Ya Grabarnik*** (genady@us.ibm.com), 19 Skyline Dr., Hawthorne, NY 10532, and **Larisa Shwartz** (lshwart@us.ibm.com), IBM TJ Watson Research Center, 19 Skyline dr, Hawthorne, NY 10532. *Stochastic Banach Principle.*

Banach principle is an essential tool for investigation of the pointwise convergency of the Cesaro averages over subsequences. We extend Banach Principle to investigation of the stochastic convergence in the space of the measurable operators affilited with semifinite von Neumann algebras. (Received February 19, 2006)