1017-37-143   **Larisa Shwartz*** (`lshwart@us.ibm.com`), IBM TJ Watson Research, Hawthorne, NY 10532, and
Genady Ya Grabarnik, 19 Skyline dr., Hawthorne, NY 10532. *Some remarks on stochastic
convergence of the Bounded Besickovitch sequences in semifinite von Neumann algebras.*

One of the application of the Banach Besicovitch sequences is to the ergodic theorems over subsequences. We establish stochastic convergence of the Bounded Besikovitch in the context of averages for the integrable operators over finite von Neumann algebra (Received February 19, 2006)