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Genady Ya. Grabarnik (genady@us.ibm.com), T.J. Watson IBM Research Center, 19 Skyline Drive, Hawthorne, NY 10510, **Alexander A. Katz*** (katza@stjohns.edu), Dep. of Math & CS, St. John's University, 300 Howard Avenue, DaSilva Hall 314, Staten Island, NY 10301, and **Laura Shwartz** (lauralsh@hotmail.com), Dep. of Mathematical Sciences, University of South Africa, P.O. Box 392, Pretoria, 0003, South Africa. *On Ergodic type theorems for finite Jordan algebras.*

Some Ergodic type theorems for finite JBW-algebras are proved. Neveu decomposition is employed to prove stochastic convergence. The present work is a generalization of previous results of the first two authors from the case of finite von Neumann algebras to the case of finite JBW-algebras. (Received September 26, 2006)