

1023-46-980

Alexander A Katz (katza@stjohns.edu), Alexander A. Katz, Dep. of Math & CS, 300 Howard Ave., DaSilva Hall 314, Staten Island, NY 10301, **Oleg Friedman*** (friedman001@yahoo.com), Oleg Friedman, Department of Mathematical Sciences, P.O.Box 392, Pretoria, 0003, South Africa, and **Roman Kushnir** (roman_kushnir@yahoo.com), Roman Kushnir, Dep. of Math & CS, 300 Howard Ave., DaSilva Hall, Staten Island, NY 10301. *On Gelfand-Naimark type theorems for representations of nuclear barrelled real locally C^* - and locally JB-algebras.*

We discuss real rigged Hilbert spaces and obtain Gelfand-Naimark type theorems for representations of nuclear barrelled real locally C^* - and locally JB-algebras. (Received September 24, 2006)