

Meeting: 1003, Atlanta, Georgia, SS 25A, AMS Special Session on Complex and Functional Analysis, I

1003-46-1436 **Alexander A. Katz** (katza@stjohns.edu), St. John's University, Dep. of Math & CS, 300 Howard Ave., DaSilva Hall, R335, Staten Island, NY 10301, and **Oleg Friedman*** (friedman001@yahoo.com), University of South Africa, Dep. of Math, Applied Math and Astronomy, Pretoria 0003, So Africa. *On Projective Limits of Real and Jordan Operator Algebras*. Preliminary report.

Real PLC*-algebras and Jordan PLJB-algebras are introduced as projective limits of families of real and Jordan operator algebras respectively. Their basic properties and relations with Complex Arens-Michael b*-algebras are given. (Received October 05, 2004)