1009-46-78   **Alexander A Katz** (`katza@stjohns.edu`), St. John's University, Dep. of Math & CS, 300 Howard Ave., DaSilva Hall 335, Staten Island, NY 10301, **Oleg Friedman*** (`friedman001@yahoo.com`), University of South Africa, Department of Mathematical Sciences, P.O. Box 392, 0003 Pretoria, South Africa, **Roman Kushnir** (`kushnir_roman@yahoo.com`), St. John's University, Dep. of Math & CS, 300 Howard Ave., DaSilva Hall, Staten Island, NY 10301, and **Mark Ustayev** (`mark_ustayev@yahoo.com`), University of South Africa, Department of Mathematical Sciences, P. O. Box 392, 0003 Pretoria, South Africa. *On real locally Hilbert spaces and Gelfand-Naimark type theorems for projective limits of real and Jordan operator algebras.*

We introduce real locally Hilbert spaces as inductive limits of families of real Hilbert spaces and prove Gelfand-Naimark type theorems for projective limits of real C*-, JB-, real W*- and JBW-algebras in the algebras of continuous linear operators acting on real locally Hilbert spaces. (Received August 07, 2005)