1060-46-235   **Alexander A. Katz** (`katza@stjohns.edu`), Dep. of Math&CS, St. John's College of LAS, St. John's University, 300 Howard Ave., DaSilva AC 314, Staten Island, NY 10301, and **Oleg Friedman*** (`friedman001@yahoo.com`), Department of Mathematical Sciences, University of South Africa, P O Box 392, Pretoria, 0003, South Africa. *On continuity of derivations on real locally C*-algebras.*

In the paper we consider derivations everywhere defined on real locally C*-algebra (real topological algebras which are real topologically *-isomorphic to a projective limit of projective families of real C*-algebras), and establish that such derivations are automatically continuous. It has been as well shown that each derivation on an Abelean real locally C*-algebra is identically zero. (Received March 30, 2010)