

1096-46-2487

**Oleg Friedman\*** (friedman001@yahoo.com), UNISA, Pretoria, RSA & Dep. of Math, Touro College/Lander College for Men, 7531 150-th Street, Kew Gardens Hills, NY 11367, and **Alexander A. Katz** (katza@stjohns.edu), St. John's University, SJC of LAS, Dep. of Math & CS, 8000 Utopia Parkway, SJH-334-i, Queens, NY 11439. *On Segal theorem about two-sided ideals for real  $C^*$ - and real locally  $C^*$ -algebras.*

It was proved by Segal that each closed two-sided ideal in a  $C^*$ -algebra is automatically a  $*$ -ideal. This result was recently extended by Katz to locally  $C^*$ -algebras. In the present paper this result is extended to real  $C^*$ -algebras and real locally  $C^*$ -algebras. (Received September 17, 2013)