

ABSTRACT. Let  $A$  be a simple unital  $C^*$ -algebra with tracial rank zero and with a unique tracial state and let  $\bar{\Phi}$  be an involutory  $*$ -antiautomorphism of  $A$ . It is shown that the associated real algebra  $A_{\bar{\Phi}} = \{a \in A : \bar{\Phi}(a) = a^*\}$  also has tracial rank zero.