
Zbl 0895.46032

Stachó, L.L.; Zalar, B.

Uniform primeness of the Jordan algebra of symmetric operators. (English)
Proc. Am. Math. Soc. 126, No.8, 2241-2247 (1998).

<http://dx.doi.org/10.1090/S0002-9939-98-04769-8>

<http://www.ams.org/journal-getitem?pii=S0002-9939-98-04769-8>

<http://www.ams.org/proc/>

Summary: We establish the best possible constant for the general lower estimate for the Jacobson-McCrimmon operator on the algebra of symmetric operators acting on a Hilbert space.

Keywords : Hilbert space; bounded operators; symmetric operators; Jordan algebra; Jacobson-McCrimmon operator; prime algebra; best possible constant; general lower estimate

Classification :

- *46L70 Nonassociative selfadjoint operator algebras
- 15A45 Miscellaneous inequalities involving matrices
- 15A60 Appl. of functional analysis to matrix theory
- 16W10 Associative rings with involution
- 17C65 Jordan structures on Banach spaces and algebras