

Lobachevskii Journal of Mathematics 2015 vol.36 N2, pages 208-210

Characterization of central elements of operator algebras by inequalities

Novikov A., Tikhonov O.

Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

© 2015, Pleiades Publishing, Ltd. We propose a list of inequalities which characterize central elements in von Neumann algebras and C*-algebras.

<http://dx.doi.org/10.1134/S1995080215020146>

Keywords

C*-algebra, center of algebra, characterization by inequalities, von Neumann algebra