

Lobachevskii Journal of Mathematics 2014 vol.35 N2, pages 85-91

Von Neumann algebras and projections in space with conjugation operator

Matvejchuk M.

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

Abstract

In the paper we give a classification of von Neumann algebras in Hilbert space with conjugation operator and we study J-projections from von Neumann J-algebras of type (B) for the first time.
© 2014 Pleiades Publishing, Ltd.

<http://dx.doi.org/10.1134/S1995080214020085>

Keywords

conjugation operator, Hilbert space, projection