

planetmath.org

Math for the people, by the people.

Russo-Dye theorem

Canonical name RussoDyeTheorem
Date of creation 2013-03-22 16:01:52
Last modified on 2013-03-22 16:01:52

Owner aube (13953) Last modified by aube (13953)

Numerical id 4

Author aube (13953)
Entry type Theorem
Classification msc 47A60

Let A be a unital C^* -algebra. Then the unit ball of A is the closed convex hull of the unitaries in A. Moreover, these unitary elements are extreme points of the unit ball.