Interpolation of positive operators

Veselova L., Sukochev F., Tikhonov O.
Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

We study problems of interpolation of positive linear operators in couples of ordered Banach spaces. From this viewpoint, we study couples of noncommutative spaces L1, L∞ associated with weights and traces on von Neumann algebras. © 2007 Pleiades Publishing, Ltd.

Keywords

Banach couple, Interpolation problem, Ordered Banach space, Positive linear operator, Von Neumann algebra