

Documents

Hajji, W., Steinberg, B., Handelman, D.

On finite-dimensional representations of compact inverse semigroups

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Abstract

W.D. Munn proved that a finite-dimensional representation of an inverse semigroup is equivalent to a *-representation (by partial isometries) if and only if it is bounded. This paper gives a new analytic proof that every finite-dimensional representation of a compact inverse semigroup is equivalent to a *-representation. This will be the main result of this paper. © 2013 Springer Science+Business Media New York.

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