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Title:	Measurable $E0$ -semigroups are continuous
Authors:	Murugan, S.P. (/jspui/browse?type=author&value=Murugan%2C+S.P.)
Keywords:	$E0$ -semigroups Ore semigroup Normal $*$ -homomorphism Von Neumann algebra
Issue Date:	2019
Publisher:	Cambridge University Press
Citation:	Journal of the Australian Mathematical Society
Abstract:	Let $G$ be a second countable locally compact Hausdorff topological group and $P$ be a closed subsemigroup of $G$ containing the identity element $e \in G$ . Assume that the interior of $P$ is dense in $P$ . Let $\alpha = \{\alpha_x\}_{x \in P}$ be a semigroup of unital normal $*$ -endomorphisms of a von Neumann algebra $M$ with separable predual satisfying a natural measurability hypothesis. We show that $\alpha$ is an $E0$ -semigroup over $P$ on $M$ .
URI:	<a href="https://www.cambridge.org/core/journals/journal-of-the-australian-mathematical-society/article/measurable-e0-semigroups-are-continuous/5FD3CD8DC9A624A82149E3A40F9CA996">https://www.cambridge.org/core/journals/journal-of-the-australian-mathematical-society/article/measurable-e0-semigroups-are-continuous/5FD3CD8DC9A624A82149E3A40F9CA996</a> ( <a href="https://www.cambridge.org/core/journals/journal-of-the-australian-mathematical-society/article/measurable-e0-semigroups-are-continuous/5FD3CD8DC9A624A82149E3A40F9CA996">https://www.cambridge.org/core/journals/journal-of-the-australian-mathematical-society/article/measurable-e0-semigroups-are-continuous/5FD3CD8DC9A624A82149E3A40F9CA996</a> ) <a href="http://hdl.handle.net/123456789/2371">http://hdl.handle.net/123456789/2371</a> ( <a href="http://hdl.handle.net/123456789/2371">http://hdl.handle.net/123456789/2371</a> )
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