

## ON CYCLIC VECTORS AND THIN VON NEUMANN ALGEBRAS

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*Abstract.* We prove that certain classes of von Neumann algebras with regular, injective subalgebras are thin. As a consequence, all Hochschild cohomology groups of these algebras are zero.

*Mathematics subject classification (2010):* 46L10, 47A16.

*Keywords and phrases:* Von Neumann algebra, cyclic vector, regular subalgebra.

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