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**On 0-homology of categorical at zero semigroups.** (English) Zbl 1182.20059  
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Summary: The isomorphism of 0-homology groups of a categorical at zero semigroup and homology groups of its 0-reflector is proved. Some applications of 0-homology to Eilenberg-MacLane homology of semigroups are given.

**MSC:**

**20M50** Connections of semigroups with homological algebra and category theory Cited in 1 Document  
**18G60** Other (co)homology theories (MSC2010)

**Keywords:**

homology of semigroups; 0-homology of semigroups; categorical at zero semigroups

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