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**Title:** A remark on a paper of L. Molnár

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The purpose of this note is to prove the following result: Let  $R$  be a 2-torsion free semiprime ring and let  $T : R \rightarrow R$  be an additive mapping, such that  $T(xy) = T(x)y$  holds for all pairs  $x, y \in R$ . In this case  $T$  is a left centralizer.

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