1023-16-1524   **Alexander J. Diesl*** (`aldiesl@vassar.edu`), Box 443, Vassar College, 124 Raymond Ave.,
Poughkeepsie, NY 12604. *Strongly Clean Rings and a Generalized Fitting's Lemma.*

An element r of a ring R is called strongly clean of there exists an idempotent $e \in R$ such that $er = re$ and such that $r - e$ is a unit. A ring is called strongly clean if every one of its elements is strongly clean. Examples of strongly clean rings include artinian rings and local rings. Additionally, a module has a strongly clean endomorphism ring if and only if it satisfies a generalized version of Fitting's Lemma. We will give a brief survey of the topic as well as investigate several open questions. (Received September 26, 2006)

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