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Lee Klingler* (klingler@fau.edu), **Alan Loper**, **Warren McGovern** and **Matthew Toeniskoetter**. *Semi-clean group rings*.

We call the commutative ring R a *clean ring* if every element of R can be written as the sum of a unit and an idempotent. The notion of a clean ring was defined by Nicholson [1977] in a study of exchange rings and lifting idempotents. Ye [2003] introduced the notion of semi-clean rings: R is called a *semi-clean ring* if every element of R can be written as the sum of a unit and a periodic element, where $r \in R$ is called *periodic* if there are natural numbers $k < n$ such that $r^k = r^n$. In joint work with Alan Loper, Warren McGovern, and Matthew Toeniskoetter, we show that, if R is a local ring and G is a torsion abelian group, then the group ring $R[G]$ is semi-clean. (Received September 04, 2020)