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Title: Multiplicative closure of generalized invertible elements in a ring

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Let R be a ring. It is shown that the subset $R^{\{1\}}$ of $\{1\}$ -invertible elements of R is a multiplicative set if and only if R is an SSP ring. As a quick application, it is proved that the upper triangular matrix ring $T_n(R)$ ($n \geq 2$) over any ring R is never SSP. In the case of a ring R with involution, multiplicative property of $R^{\{1,3\}}$, $R^{\{1,4\}}$ and R^\dagger are also characterized. It is shown that $R^{\{1,3\}}$ is a multiplicative set if and only if $R^{\{1,4\}}$ is a multiplicative set, which also implies that R^\dagger is a multiplicative set.

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