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**Title:** RS rings and their applications

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In this paper, a ring  $R$  is said to be an RS ring if every regular element is strongly regular. It is shown that the concept of RS rings is a generalization of those of abelian rings and nilpotent-closed rings. Various properties of RS rings are investigated. As applications, we study the properties of rings related to RS properties. Some well-known results on regular elements and  $\pi$ -regular elements in commutative rings are generalized.

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