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Zeinab Ashtab* (z.ashtab@gmail.com), Tabriz, Iran. *A survey of zero-divisor graphs in commutative rings.* Preliminary report.

This work is a survey of recent results of different papers on the concept zero-divisor graphs of commutative rings. Also we investigate the subject that how ring-theoretic properties of R determine graph-theoretic properties of $\Gamma(R)$, and conversely, how graph-theoretic properties of $\Gamma(R)$ determine ring-theoretic properties of R . (Received December 09, 2009)